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### Replies to initial written questions raised by Finance Committee Members in examining the Estimates of Expenditure 2015-16

**Director of Bureau : Secretary for Development**

**Session No. : 14**

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<a href="#">DEVB(W)212</a>	3387	FUNG Kin-kee, Frederick	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)213</a>	5370	KWOK Ka-ki	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)214</a>	6128	KWOK Ka-ki	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)215</a>	6129	KWOK Ka-ki	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)216</a>	6130	KWOK Ka-ki	33	(3) Provision of Land and Infrastructure

<b>Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
<a href="#">DEVB(W)217</a>	3760	TIEN Pei-chun, James	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)218</a>	3466	TONG Ka-wah, Ronny	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)219</a>	3400	WONG Kwok-hing	33	
<a href="#">DEVB(W)220</a>	3401	WONG Kwok-hing	33	
<a href="#">DEVB(W)221</a>	3402	WONG Kwok-hing	33	
<a href="#">DEVB(W)222</a>	3795	WU Chi-wai	33	(3) Provision of Land and Infrastructure
<a href="#">DEVB(W)223</a>	3608	LEONG Kah-kit, Alan	705	
<a href="#">DEVB(W)224</a>	4558	WONG Pik-wan, Helena	707	
<a href="#">DEVB(W)225</a>	6026	CHAN Ka-lok, Kenneth	39	(1) Stormwater Drainage
<a href="#">DEVB(W)226</a>	6027	CHAN Ka-lok, Kenneth	39	(1) Stormwater Drainage
<a href="#">DEVB(W)227</a>	4063	SIN Chung-kai	39	
<a href="#">DEVB(W)228</a>	3759	TIEN Pei-chun, James	39	(1) Stormwater Drainage
<a href="#">DEVB(W)229</a>	3570	WONG Kwok-kin	39	(1) Stormwater Drainage
<a href="#">DEVB(W)230</a>	4333	WU Chi-wai	39	(1) Stormwater Drainage
<a href="#">DEVB(W)231</a>	3804	FAN Kwok-wai, Gary	704	
<a href="#">DEVB(W)232</a>	4553	WONG Pik-wan, Helena	704	
<a href="#">DEVB(W)233</a>	5333	KWOK Ka-ki	42	(2) Mechanical Installations Safety
<a href="#">DEVB(W)234</a>	5334	KWOK Ka-ki	42	(2) Mechanical Installations Safety
<a href="#">DEVB(W)235</a>	4517	WU Chi-wai	42	(2) Mechanical Installations Safety
<a href="#">DEVB(W)236</a>	4940	CHAN Chi-chuen	95	(3) Heritage and Museums
<a href="#">DEVB(W)237</a>	4941	CHAN Chi-chuen	95	(3) Heritage and Museums
<a href="#">DEVB(W)238</a>	6464	CHAN Ka-lok, Kenneth	95	(3) Heritage and Museums
<a href="#">DEVB(W)239</a>	6467	CHAN Ka-lok, Kenneth	95	(3) Heritage and Museums
<a href="#">DEVB(W)240</a>	6468	CHAN Ka-lok, Kenneth	95	(3) Heritage and Museums
<a href="#">DEVB(W)241</a>	6472	CHAN Ka-lok, Kenneth	95	(3) Heritage and Museums
<a href="#">DEVB(W)242</a>	6479	CHAN Ka-lok, Kenneth	95	(3) Heritage and Museums

<b>Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
<a href="#">DEVB(W)243</a>	5829	CHEUNG Chiu-hung, Fernando	95	(3) Heritage and Museums
<a href="#">DEVB(W)244</a>	6867	CHEUNG Kwok-che	95	(3) Heritage and Museums
<a href="#">DEVB(W)245</a>	6868	CHEUNG Kwok-che	95	(3) Heritage and Museums
<a href="#">DEVB(W)246</a>	3323	TO Kun-sun, James	95	(3) Heritage and Museums
<a href="#">DEVB(W)247</a>	4942	CHAN Chi-chuen	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)248</a>	7081	CHAN Chi-chuen	194	
<a href="#">DEVB(W)249</a>	3525	CHAN Hak-kan	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)250</a>	3904	CHAN Han-pan	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)251</a>	6028	CHAN Ka-lok, Kenneth	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)252</a>	6440	CHAN Ka-lok, Kenneth	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)253</a>	6441	CHAN Ka-lok, Kenneth	194	(2) Water Quality Control
<a href="#">DEVB(W)254</a>	6480	CHAN Ka-lok, Kenneth	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)255</a>	4507	CHAN Wai-yip, Albert	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)256</a>	4508	CHAN Wai-yip, Albert	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)257</a>	4707	CHAN Wai-yip, Albert	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)258</a>	5332	KWOK Ka-ki	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)259</a>	5366	KWOK Ka-ki	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)260</a>	6103	KWOK Ka-ki	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)261</a>	3956	LEUNG Kenneth	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)262</a>	3707	MO Claudia	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)263</a>	3374	SHEK Lai-him, Abraham	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)264</a>	7042	SHEK Lai-him, Abraham	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)265</a>	3465	TONG Ka-wah, Ronny	194	(1) Water Supply: Planning and Distribution

<b>Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
<a href="#">DEVB(W)266</a>	4583	WONG Kwok-hing	194	
<a href="#">DEVB(W)267</a>	4584	WONG Kwok-hing	194	
<a href="#">DEVB(W)268</a>	4585	WONG Kwok-hing	194	
<a href="#">DEVB(W)269</a>	3796	WU Chi-wai	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)270</a>	3797	WU Chi-wai	194	(1) Water Supply: Planning and Distribution
<a href="#">DEVB(W)271</a>	3462	TONG Ka-wah, Ronny	709	
<a href="#">DEVB(W)272</a>	7071	TONG Ka-wah, Ronny	709	

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)001**

**(Question Serial No. 2007)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Budget Speech that the Administration has allocated a total of \$320 million to the Construction Industry Council (CIC) to train local workers over the past 5 years. In this connection, will the Administration inform this Committee of:

- (a) the number of workers trained by CIC for Hong Kong in each of the past 5 years, including the categories of the workers trained; and
- (b) in the light of the above, the respective numbers of newly-trained workers employed in various works projects (including the Guangzhou-Shenzhen-Hong Kong Express Rail Link, the Hong Kong-Zhuhai-Macao Bridge, various MTR lines, etc.)?

Asked by: Hon CHAN Han-pan (Member Question No. 8)

Reply:

- (a) In 2010 and 2012, we obtained a total of \$320 million from the Legislative Council to support CIC to strengthen its role in training local construction personnel and to enhance promotion and publicity activities to attract more people, especially young people, to join the industry.

For new entrants of construction workers, the “Enhanced Construction Manpower Training Scheme” (ECMTS) is the key training initiative under the \$320 million funding for training semi-skilled workers, targeting trades with projected labour shortage, acute ageing or recruitment difficulties with enhanced training allowances. To diversify the modes of training and provide more training places, CIC has launched various collaborative training schemes with contractors, sub-contractors and labour

unions, under which trainees are hired and then trained on-site by contractors so as to acquire site experience at an early stage. Up to end 2014, more than 6 000 ECMTS trainees have graduated under CIC's in-house training and collaborative training. The numbers of ECMTS graduates in the past five years are set out below.

Number of ECMTS Graduates

Year	2010	2011	2012	2013	2014
Number of ECMTS Graduates	17	458	1 233	1 804	2 715

For in-service workers, to advance their skill levels and cope with skills mismatch, subsidies are provided for trade tests, skills enhancement courses and specified training courses. Up to end 2014, there were about 11 600 in-service workers who have completed the subsidised trade tests and courses. The numbers of in-service workers in the past 5 years are set out below.

Number of In-Service Workers who Completed  
the Subsidised Trade Tests and Courses

Year	2010	2011	2012	2013	2014
Number of In-Service Workers	139	1 787	1 843	3 406	4 438

- (b) The ECMTS graduates employed upon graduation were engaged in various construction works. According to the information provided by CIC, about 60% of ECMTS graduates were employed under public sector projects such as the Hong Kong-Zhuhai-Macao Bridge project, railway projects, etc.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)002**

**(Question Serial No. 0152)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Government inform this Committee of the operating expenses, establishment and estimated expenditure on emoluments involved in Programme (4) Energizing Kowloon East in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 27)

Reply:

In 2015-16, provision for Programme (4) Energizing Kowloon East is \$31 million comprising personal emoluments (\$16.4 million), personnel related expenses (\$1 million) and departmental expenses (\$13.6 million). The establishment up to 31 March 2016 is 18.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)003**

**(Question Serial No. 0701)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Please advise on the following:

- (1) Regarding the launch of Batch IV of the Revitalising Historic Buildings Through Partnership Scheme (Revitalisation Scheme), the estimated expenditure, implementation details and the establishment involved in 2015-16; and
- (2) Regarding Batch I to Batch III of the Revitalisation Scheme, the estimated expenditure on routine maintenance and publicity in 2015-16.

Asked by: Hon CHAN Yuen-han (Member Question No. 33)

Reply:

- (1) Invitation for applications under Batch IV of the Revitalisation Scheme commenced on 16 December 2013 and closed on 15 April 2014 (for applications to revitalise No.12 School Street, Lady Ho Tung Welfare Centre and the Old Dairy Farm Senior Staff Quarters) and 15 May 2014 (for applications to revitalise King Yin Lei). It is anticipated that the selection results will be announced in the second quarter of 2015. The estimated expenditure and manpower involved in implementing the Batch IV projects in 2015-16 will be absorbed within the existing resources of the Commissioner for Heritage's Office (CHO) of the Development Bureau.
- (2) For projects under the Revitalisation Scheme, the selected non-profit-making organisations will be responsible for the routine maintenance of the historic buildings concerned. The estimated expenditure on publicity for the projects under Batch I to Batch III of the Revitalisation Scheme in 2015-16 will be absorbed by CHO within its general expenditure on publicity.



- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)004**

**(Question Serial No. 0702)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

To better use the vacant government land underneath Kwun Tong Bypass, the Administration stated that a market sounding exercise would be launched. In this connection, will the Administration inform this Committee of the main target respondents of the exercise and the number of target respondents (whether they include individual artists and art groups, as well as individuals and groups engaging in cultural and creative activities); details of government departments tasked with the exercise and the content, framework, direction and work schedule of the exercise; as well as the estimated expenditure and the establishment involved?

Asked by: Hon CHAN Yuen-han (Member Question No. 36)

Reply:

The Market Sounding Exercise (MSE) was launched on 26 November 2013 and closed on 7 January 2014. The MSE aimed to understand the organisations that may be interested in operating the future arts and cultural facilities under Kwun Tong Bypass. The MSE was conducted by the Energizing Kowloon East Office (EKEO) through EKEO's website and advertisement on two local newspapers. All non-profit making organisations with charitable status under section 88 of the Inland Revenue Ordinance were welcome to respond to the MSE. EKEO undertook the MSE and absorbed the extra work within existing staff resources. About \$10,000 was spent on advertisement on local newspapers.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)005**

**(Question Serial No. 0625)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The problem of an ageing workforce in the construction industry is getting more serious in recent years. With various projects under planning, the construction industry is in urgent need of more fresh blood. In recent years, the industry has strived to attract ethnic minorities to join the industry. In this connection, please inform this Committee of the following:

- (a) Please provide a breakdown of the statistical figures showing the structure characteristics of the construction workforce in 2014-15 by age group, race, gender, trade and average monthly salary.
- (b) Has the Bureau studied measures to attract ethnic minorities to join the construction industry?

Asked by: Hon CHIANG Lai-wan (Member Question No. 12)

Reply:

- (a) According to the Construction Industry Council (CIC), there were about 342 000 registered construction workers as at end 2014. The numbers of registered skilled/semi-skilled workers in individual trades and general workers are available on CIC's website: <http://cwr.hkcic.org/information/ctotal.asp>. Amongst them, over 40% were aged over 50 whereas about 6% were below the age of 25. About 90% of the registered workers are male. In terms of skill levels, about 35% have registered as skilled workers. With reference to the General Household Survey conducted by the Census and Statistics Department, the median monthly earning of construction workers in October to December 2014 was about \$15,000. According to the information

collected by DEVB in 2014, there were about 1 600 ethnic minorities working under public works contracts.

- (b) CIC has been implementing various initiatives to attract ethnic minorities to join the construction industry and enhance their skills. The initiatives include enhancing promotion of the industry through social groups of ethnic minorities, labour unions and related non-government organisations, placing advertisements in newspapers with ethnic minority readership and conducting Family Days for the ethnic minorities; conducting job fairs at various districts to provide job opportunities for the ethnic minorities; and arranging site visits to encourage ethnic minority workers to attend training courses organized by CIC, etc. CIC has also introduced the Build Up Ambassadors to promote the image of the industry through participating in publicity activities and sharing their personal stories. One of the ambassadors is an ethnic minority. In addition, together with CIC, we launched two series of RTHK TV drama on the construction industry, entitled “Dreams Come True”, in which one of the leading actors is an ethnic minority.

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)006</b>
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**(Question Serial No. 0653)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Programme that the Branch “collaborated with the Construction Industry Council and key stakeholders to monitor the manpower situation in the construction industry and to implement measures to address the manpower demand for the implementation of upcoming infrastructure projects”. Please provide the following information:

Age Group	Number and Percentage of Registered Construction Workers				
	2010	2011	2012	2013	2014
Under 20					
20 to 29					
30 to 39					
40 to 49					
50 to 59					
Over 60					
Total					

Asked by: Hon CHIANG Lai-wan (Member Question No. 40)

Reply:

According to the information provided by the Construction Industry Council, the numbers and age distribution of registered construction workers in the past five years are as follows -

Age Group	Number and Percentage of Registered Construction Workers (Approximate)				
	As at end 2010	As at end 2011	As at end 2012	As at end 2013	As at end 2014
Under 20	1 100 (0.4%)	1 000 (0.4%)	900 (0.3%)	900 (0.3%)	900 (0.3%)
20 to 29	31 300 (11.8%)	34 700 (12.1%)	38 600 (12.6%)	42 000 (13.0%)	45 800 (13.4%)
30 to 39	51 300 (19.4%)	54 600 (19.0%)	56 900 (18.6%)	58 300 (18.1%)	60 500 (17.7%)
40 to 49	70 300 (26.6%)	71 900 (25.0%)	76 400 (25.0%)	79 600 (24.7%)	82 800 (24.3%)
50 to 59	86 400 (32.6%)	94 500 (32.9%)	98 800 (32.3%)	101 400 (31.4%)	103 600 (30.3%)
Over 60	24 300 (9.2%)	30 400 (10.6%)	34 200 (11.2%)	40 300 (12.5%)	48 000 (14.0%)
Total	264 700 (100%)	287 100 (100%)	305 800 (100%)	322 500 (100%)	341 600 (100%)

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)007**

**(Question Serial No. 0848)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

1. It is stated in paragraph 107 of the Budget Speech that more young people are willing to join the construction industry. What are the actual numbers and age distribution of the young people joining the construction industry in the past 5 years? What is the sex ratio?
2. What are the trades that more young people are willing to join? Please provide a breakdown of the figures by trade.

Asked by: Hon CHUNG Shu-kun, Christopher (Member Question No. 25)

Reply:

1. According to the information provided by the Construction Industry Council (CIC), the numbers and age distribution of young people with age below 35 who were newly registered construction workers in the past five years are set out below -

Number of Newly Registered Construction Workers (Approximate)  
with Age below 35 in the Past Five Years

Year Age Group	2010	2011	2012	2013	2014
Under 20	2 000	2 200	2 300	2 300	2 200
20 to 24	4 600	5 300	6 000	6 000	6 300
25 to 29	3 400	3 600	4 100	4 200	4 400
30 to 34	3 400	3 600	4 500	4 100	3 900
Total	13 400	14 700	16 900	16 600	16 800

About 90% of the above young new entrants joining the construction industry are male.

- According to the information provided by CIC, the trades for which more young people with age below 35 have newly registered and the corresponding total numbers of these young people from 2010 to 2014 are set out below -

Trades	Total number of newly registered construction workers of age below 35 from 2010 to 2014 (Approximate)
Electrical Fitter	880
Leveller	810
Plant and Equipment Operator (Suspended Working Platform)	560
Control Panel Assembler	550
Bar Bender and Fixer	460

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)008**

**(Question Serial No. 0994)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the marine works in the extension of new towns and the planning of New Development Areas, please advise on the reclamation area and the fishing grounds area lost in the next 5 years.

Asked by: Hon HO Chun-yin, Steven (Member Question No. 11)

Reply:

According to the latest plan and subject to funding approval of the Finance Committee, the Civil Engineering and Development Department will commence the civil engineering works for the Tung Chung New Town Extension (TCNTE) and Sunny Bay reclamation within the coming five years. The current estimated reclamation areas of the TCNTE and Sunny Bay reclamation are about 120 ha and 60 to 100 ha respectively. However, the actual reclamation extent and fishing grounds area loss can only be ascertained after completion of the respective detailed studies.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)009**

**(Question Serial No. 1569)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

To enhance the quantity and quality of construction workers, the Administration proposes that it will provide another \$100 million this year for the Construction Industry Council to train up more skilled workers to meet the acute manpower demand of the industry. Will the Administration inform this Committee of -

- a. the number of training places to be provided by the estimated provision of \$100 million;
- b. the estimated number of additional workers to be injected into the market; and
- c. the estimated total expenditure involved in training and the expenditure per capita?

Asked by: Hon IP LAU Suk-ye, Regina (Member Question No. 35)

Reply:

The Construction Industry Council (CIC) is formulating the proposal of a pilot scheme for training semi-skilled workers to attain skilled worker level and is consulting relevant industry stakeholders on the details including the budget, the trades and number of trainees. The initial thinking of the pilot scheme is to adopt a collaborative training mode (first-hire-then-train). Subject to funding approval of \$100 million by the Legislative Council, we aim to launch the pilot scheme in 2015.

Subject to the final details of the scheme,

- (a) it will provide a total of about 1 000 training places for various trades; and
- (b) taking into account possible drop-outs, the number of additional skilled workers trained will be slightly lower than 1 000.

The estimated total expenditure involved in training and the expenditure per capita depend on the final details of the scheme.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)010**

**(Question Serial No. 1591)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

As indicated in Matters Requiring Special Attention in 2015-16, the Administration will complete the assessment of applications for the revitalisation of 4 historic buildings under Batch IV of the Revitalising Historic Buildings Through Partnership Scheme (Revitalisation Scheme). In this connection, will the Administration inform this Committee of the following:

- (1) Does the Administration have a specific timetable for the announcement of the assessment results this year? If yes, what are the details? If no, what are the reasons?
- (2) Does the Administration plan to launch Batch V of the Revitalisation Scheme? If yes, what are the details? If no, what are the reasons?

Asked by: Hon IP LAU Suk-ye, Regina (Member Question No. 22)

Reply:

- (1) The assessment of the applications for Batch IV of the Revitalisation Scheme is still in progress and the assessment results are expected to be announced in the second quarter of 2015.
- (2) It is anticipated that the preparation work for the launch of Batch V of the Revitalisation Scheme will start after the announcement of the selection results of Batch IV.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)011**

**(Question Serial No. 1592)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the indicators of the key performance measures in respect of heritage conservation, the number of participants in promotional activities has decreased from 309 977 in 2013 to 230 053 in 2014 (-25.8%), and will further be reduced to 210 000 in the 2015 estimate (-8.7%). The actual number of participants in 2014 is also 49 947 less than the estimate for that year, representing a decrease of almost 20%. Will the Administration advise this Committee of the following:

- (1) Under the programme of Heritage Conservation, the 2014-15 revised estimate is 11.0% less than the original estimate, and the number of participants in promotional activities has also decreased by 25% against the previous year. Is it because the number and scale of promotional activities were both reduced in 2014-15? Whether the answer is yes or no, please provide the reasons.
- (2) What are the reasons for further reducing the number of participants in promotional activities in the 2015 estimate?

Asked by: Hon IP LAU Suk-ye, Regina (Member Question No. 23)

Reply:

- (1) In 2013, the Commissioner for Heritage's Office (CHO) of the Development Bureau organised a total of six events. These included a roving exhibition on "Batch I of Revitalising Historic Buildings Through Partnership Scheme" which was an additional side programme held in conjunction with the "Hong Kong: Our Home" campaign. This event alone contributed 75 887 visitors out of the total annual visitors of 309 977. Besides, the 3-D model design at another roving exhibition, i.e., "New Life @

Heritage” in 2013 was also very attractive to the public and the number of visitors was driven to a new high at 161 480.

In 2014, CHO organised four events, including the roving photo exhibition on “Timeless archiCULTURE – UNESCO Asia-Pacific Awards for Cultural Heritage Conservation: 14 Award-winning Projects of Hong Kong” which was a highlight of our publicity activities. A booklet on this subject was published and the 14 award-winning historic buildings were opened for public visits. As most of the historic buildings promoted under this exhibition are privately-owned, the opening hours of these buildings are more restrictive than those government-owned historic buildings under the “Revitalising Historic Buildings Through Partnership Scheme” as promoted in the “New Life @ Heritage” roving exhibition in 2013. Besides, as some of these historic buildings are located in rather remote areas with limited access by public transport, the number of visitors in this event was less than that recorded for the “New Life @ Heritage” roving exhibition in 2013, albeit that this event still attracted 139 115 visitors. The total number of participants in promotional activities in 2014 was thus less than that expected in the estimates.

- (2) In 2013 and 2014, the major exhibitions of CHO were held at the Hong Kong International Airport, which was considered as one of the most popular venues among the public and attracted 131 480 and 73 744 visitors respectively. As the exhibition venue at the Hong Kong International Airport may not be available in 2015, this may affect the overall visitors’ number. In addition, the publicity activities in 2015 will also involve quite a number of privately-owned historic buildings with restriction on the opening hours and at less convenient locations. The estimated number of visitors for 2015 is thus adjusted downward having regard to the location and nature of the buildings.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)012**

**(Question Serial No. 1599)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the Financial Assistance for Maintenance Scheme in respect of heritage conservation, will the Government inform this Committee of the following:

- (1) How many privately-owned graded historic buildings have been funded in 2014-15? Please provide details of the maintenance projects by year, including the names and grading of buildings, scope of maintenance works and the amounts of grants approved.
- (2) Have any owners failed to complete the maintenance works as stated in their applications in the past? If yes, please provide details of the cases such as the names of the buildings.
- (3) What is the estimated expenditure on the Financial Assistance for Maintenance Scheme for privately-owned historic buildings in the financial year 2015-16?

Asked by: Hon IP LAU Suk-ye, Regina (Member Question No. 55)

Reply:

- (1) In 2014/15, funding has been provided for 11 applications under the Financial Assistance for Maintenance Scheme (FAS). The details are listed below -

<u>Name of Historic Building</u>	<u>Grade</u>	<u>Brief Scope of Maintenance Works</u>	<u>Approved Amount (\$)</u>
i) Lo Pan Temple	1	Clean and repair roof ridge, altar and murals; external wall water leakage repair and electrical installation rectification works	987,500
ii) Kwong Yuet Tong Public Office	3	Clean and repair render of building façade; repair of defective rain water pipes; re-roofing to main roof,	895,500

			spalling concrete repair and upgrading of electrical system	
iii)	Tin Hau Temple, Kat O	3	Repair of roof, spalled concrete, roof drainage and other maintenance works	1,000,000
iv)	No.21 San Lung Tsuen	3	Repair of roof, main door, brick wall, floor finishes and other maintenance works	965,000
v)	No.22 San Lung Tsuen	3	Repair of roof, main door, brick wall, floor finishes and other maintenance works	1,000,000
vi)	Lai Mansion	2	Restoration of roof of entrance hall, repair roof ridges and other maintenance works	1,000,000
vii)	Shrine of Tin Sam Tsuen	3	Repair of roof, main door, brick wall, altar and other maintenance works	936,000
viii)	No.26 Cheung Shing Street	3	Repair of roof and other maintenance works	991,200
ix)	Kowloon Bowling Green Club	3	Repair of roofs and other maintenance works	1,000,000
x)	No.14 Tai O Market Street	2	Repair of roof, doors and windows, concrete repair and other maintenance works	1,000,000
xi)	Sik Lo	2	Repair of roofs of Main Hall and Side Hall, restoration of murals at Main Hall and Entrance Hall	1,000,000

- (2) No owner has failed to complete the maintenance works as stated in his application in the past.
- (3) The estimated expenditure for providing financial assistance to owners to repair their graded historic buildings under FAS in 2015-16 is around \$4.8 million.

- End -



**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)013</b>
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**(Question Serial No. 2278)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the brief work descriptions for both 2014-15 and 2015-16, it is stated that the Administration will “monitor the implementation of total water management strategy including the promotion of water conservation”.

Please set out in tabular form the specific measures taken by the Administration regarding the total water management strategy in the past 2 years. (with examples below)

	<b>Objective of the strategy</b>	<b>Implementation period</b>	<b>Specific measures</b>	<b>Outcome</b>	<b>Expenditure involved</b>
1 (e.g.)	Promotion of water conservation	2014/4 – 2015/3			
2 (e.g.)	Watermains replacement	2014/4 – 2015/3			
3					
4					

Asked by: Hon KWOK Dennis (Member Question No. 17)

Reply:

In line with the Total Water Management (TWM) strategy, the measures in respect of water demand management and water supply management implemented in the past two years are as follows:

	<b>Objective of the strategy</b>	<b>Implementation period</b>	<b>Specific measures</b>	<b>Outcome</b>	<b>Expenditure involved (\$ million)</b>
1	To enhance water conservation	April 2013 – March 2015	Continue to enhance water conservation by both software and hardware measures. Software measures included continual school and community programmes (e.g. school roadshows, school water audits, “Let’s Save 10L Water” campaign, etc.), and development of best water-using guidelines for selected government facilities and commercial trades. Hardware measures included giving out complimentary flow controllers to participating households of the “Let’s Save 10L Water” campaign, extending the Water Efficiency Labelling Scheme to cover flow controllers and installing water saving devices at schools, government buildings and selected public	See Note (1)	56.7

	<b>Objective of the strategy</b>	<b>Implementation period</b>	<b>Specific measures</b>	<b>Outcome</b>	<b>Expenditure involved (\$ million)</b>
			housing estates.		
2	To enhance water leakage control	April 2013 – March 2015	Continue to replace and rehabilitate aged water mains under the 15-year Replacement and Rehabilitation programme and implement District Metering Areas and Pressure Management Areas in pursuing active leakage control.	Leakage rate of 18% in end 2012 reduced to 16% in end 2014	5,418
3	To extend use of seawater for toilet flushing	April 2013 – March 2015	The construction of the salt water flushing supply systems in Pokfulam and north-western New Territories has been completed. Conversion of flushing water supply to consumers in these districts from fresh water to salt water will be carried out in stages.	Population coverage using salt water for flushing will be increased from 80% to 85%	287.28
4	To actively consider water reclamation	April 2013 - March 2015	The studies on establishing water quality standard and guidelines on the use of reclaimed water for toilet flushing and other non-potable purposes have been	21 million m <sup>3</sup> /year fresh water saved after implementation of the water reclamation project	0.08

	<b>Objective of the strategy</b>	<b>Implementation period</b>	<b>Specific measures</b>	<b>Outcome</b>	<b>Expenditure involved (\$ million)</b>
			completed. Planning of the infrastructures for supply of reclaimed water to the north-eastern part of the New Territories is being carried out.		
5	To develop the option of seawater desalination	April 2013 - March 2015	The planning and investigation study for the construction of a desalination plant in Tseung Kwan O has been largely completed. The review and design and associated site investigation for the first stage of the proposed desalination plant will commence in stages this year.	Alternative source of fresh water supply accounting for 5% of total fresh water consumption each year.	20.2

Note (1) - We commenced a consultancy study for the review of the TWM Strategy in October 2014 which will review amongst others the effectiveness of the water conservation measures. The consultants will conduct a domestic water consumption survey in 2015 to assess the effectiveness of the public education and promotion activities on water conservation.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)014**

**(Question Serial No. 2780)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Government will explore the feasibility of developing Kowloon East into a “Smart City”, such as harnessing technology to enhance pedestrian and vehicular accessibility, manage the facilities in the area, and disseminate information to the public in digital format for better enjoyment of city life. Newspapers quoted an official as saying that a Smart City covered three major areas, namely low carbon, walkability and green community, which aimed at using digital technology and Internet of Things for better municipal management and an improved quality of life. Will the Administration provide details of the estimated expenditures and staffing provision in the three areas.

Asked by: Hon LAM Tai-fai (Member Question No. 41)

Reply:

Under the “Smart City” initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff

resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)015**

**(Question Serial No. 2166)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Water Supply, (2) Heritage Conservation, (3) Greening, Landscape and Tree Management, (4) Energizing Kowloon East, (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Please inform this Committee in tabular form of the estimated expenditures for the following items in 2015-16, including the manpower establishment, ranks, as well as the amounts of salaries, relevant allowances and personnel related expenses:

1. Works Branch of the Development Bureau;
2. Works Policies and Infrastructural Projects Division (Infrastructure Coordination Section, Works Policies 1 Section, Works Policies 2 Section, Works Policies 3 Section, Land Supply Section);
3. Energizing Kowloon East Office; and
4. Legal Advisory Division (Works).

Asked by: Hon LEUNG Kwok-hung (Member Question No. 510)

Reply:

The estimated expenditures for Works Branch of the Development Bureau, Works Policies and Infrastructural Projects Division, Energizing Kowloon East Office and Legal Advisory Division (Works) in 2015-16 are shown in the table below -

	Establishment	Salaries	Allowances (including acting, overtime and job-related allowances)	Personnel related expenses

		(\$ million)	(\$ million)	(\$ million)
Works Branch, Development Bureau	239 (27 directorate posts and 212 non-directorate posts)	194.1	3.1	4.5
Works Policies and Infrastructural Projects Division	73 (10 directorate posts and 63 non-directorate posts)	66.1	0.6	0.9
Energizing Kowloon East Office	14 (2 directorate posts and 12 non-directorate posts)	14.3	0.5	0.9
Legal Advisory Division (Works)	24 (4 directorate posts and 20 non-directorate posts)	24.2	0.5	0.7

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)016**

**(Question Serial No. 3292)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Ancient relics were discovered during the construction of the North-South Line of the Shatin to Central Link. What are the manpower and expenditure involved in the restoration work?

Asked by: Hon LEUNG Kwok-hung (Member Question No. 543)

Reply:

The conservation work of the ancient relics is carried out by the archaeologist employed by MTRCL's contractor. The Commissioner for Heritage's Office (CHO) of the Development Bureau and the Antiquities and Monuments Office (AMO) of the Leisure and Cultural Services Department have been monitoring the progress. The estimated expenditure and manpower involved in the monitoring work were absorbed within the existing resources of CHO and AMO. The Government will consider the proposal for the interpretation of the ancient relics when planning the future Sung Wong Toi Park.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)017**

**(Question Serial No. 1157)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

As Hong Kong will undertake a number of major infrastructure projects and a massive number of housing construction projects over the next few years, construction workers are in huge demand. In this connection, will the Administration inform this Committee of the following -

1. What was the amount of resources allocated by the Administration in the past 3 years for the publicity and promotion activities to uplift the image of the construction industry and encourage young people to join the industry? Please provide a detailed breakdown of the expenditures involved.
2. Has the Administration assessed the effectiveness of the promotion work? If yes, what are the results? If no, what are the reasons?
3. Will the Administration consider renaming the construction workers "urban beautifiers" to further uplift the image of the construction industry and encourage more young people to join the industry? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LEUNG Mei-fun, Priscilla (Member Question No. 12)

Reply:

1. To cope with the manpower challenges, we have deployed a series of measures including obtaining approval for a total of \$320 million from the Legislative Council in 2010 and 2012 to support the Construction Industry Council (CIC) to strengthen its role

in training local construction personnel and to enhance promotion and publicity activities to attract more people to join the industry, especially for young people.

With about \$20 million used for promotion and publicity under the aforementioned funding commitment, we launched the “Build Up Publicity Campaign” aiming to uplift the image of the industry in May 2011. Under the Campaign, the expenditure from 2012-13 to 2014-15 (up to end February 2015) was about \$7.4 million with breakdown as follows -

<b>Items</b>	<b>Expenditure (\$ million)</b>
Promotion and publicity activities, including TV drama on the industry (“Dreams Come True” & “Dreams Come True II”), launching the Build Up Ambassadors, displaying of selected trade and industry posters, organising roving exhibitions, etc.	6.77
Staff Cost on non-civil service contract terms	0.63
<b>Total:</b>	<b>7.40</b>

2. The most recent image tracking survey revealed that the percentage of young people interviewed who are willing to join the industry has increased significantly to more than 27%, as compared with that of only 7.9% before launching of the campaign. As at end December 2014, the number of registered construction workers has also increased by about 25% since the launch of the campaign. The average age of the newly registered construction workers in 2014 was 38 (versus 47 for all registered workers in late 2014). These reflect the effectiveness of the promotional effort to attract more young people to join the industry.
  
3. CIC has been implementing various initiatives as mentioned in part 1 above to uplift the image of construction workers to encourage more young people to join the industry. As regards renaming construction workers to uplift the image of the industry, it is being deliberated by a Task Force on Promotion of Remaining Phase of Prohibition of the Construction Workers Registration Ordinance under CIC (with members from labour unions and trade associations).

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)018**

**(Question Serial No. 0341)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in paragraph 107 of the Budget Speech that the Government will provide another \$100 million for the Construction Industry Council to train up more skilled workers to meet the acute manpower demand of the industry. In this connection, please set out: (a) the allocation of the \$100 million concerned, including the trades involved and the number of skilled workers to be trained in each trade; and (b) the difference between the number of skilled workers trained through this funding and the number of skilled workers in shortage in each trade.

Asked by: Hon LIAO Cheung-kong, Martin (Member Question No. 24)

Reply:

The Construction Industry Council (CIC) is formulating the proposal of a pilot scheme for training semi-skilled workers to attain skilled worker level and is consulting relevant industry stakeholders on details of the scheme including the budget, the trades and number of trainees. The initial thinking of the pilot scheme is to adopt a collaborative training mode (first-hire-then-train) providing a total of about 1 000 training places for various trades in shortage. Subject to funding approval of \$100 million by the Legislative Council, we aim to launch the pilot scheme in 2015.

According to CIC's manpower forecast, the construction industry needs additional skilled workers every year of about 10 000 to 15 000 in the coming years, having taken into account the latest forecast construction output, training and other relevant factors. As the pilot scheme mentioned above is a new initiative on training skilled workers, CIC and the Development Bureau will closely monitor its implementation and review the detailed arrangements and effectiveness of the pilot scheme in due course.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)019**

**(Question Serial No. 1072)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Policy Address that the Administration intends to use Kowloon East as a pilot area to explore the feasibility of developing a Smart City. In this connection, will the Government inform this Committee of the following:

1. When will the above study be launched and what is the expenditure involved?
2. As the success of a Smart City depends on the application of information technology (IT), will the Administration allocate funding in advance to build the relevant IT infrastructure and an integrated data collection, display and analysis platform, so as to co-ordinate the planning, construction and operation of the Smart City? If yes, what is the amount of resources allocated and the implementation timetable? If no, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. 15)

Reply:

Under the "Smart City" initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)020**

**(Question Serial No. 0915)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the Financial Assistance for Maintenance Scheme, how many applications were received by the Administration in 2014-15? What are the names of the projects approved and details of the expenditure involved? What is the Administration's establishment of staff responsible for monitoring the projects? What is the estimated expenditure for the projects in 2015-16?

Asked by: Hon MAK Mei-kuen, Alice (Member Question No. 41)

Reply:

In 2014/15, we have received nine applications under the Financial Assistance for Maintenance Scheme (FAS), among which four applications have been approved as detailed below -

<u>Name of Historic Building</u>	<u>Brief Scope of Maintenance Works</u>	<u>Amount Approved</u> <u>(\$)</u>
i) No.26 Cheung Shing Street	Repair of roof and other maintenance works	991,200
ii) Kowloon Bowling Green Club	Repair of roofs and other maintenance works	1,000,000
iii) No.14 Tai O Market Street	Repair of roof, doors and windows, concrete repair and other maintenance works	1,000,000
iv) Sik Lo	Repair of roofs of Main Hall and Side Hall, restoration of murals at Main Hall and Entrance Hall	1,000,000

The number of staff deployed to work on FAS would remain unchanged in 2015-16. The estimated expenditure for this scheme in 2015-16 is around \$4.8 million.



- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)021**

**(Question Serial No. 2426)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Development Bureau states that it continued with the grading exercise for about 1 444 historic buildings and other buildings suggested for grading by the public by seeking the Antiquities Advisory Board (AAB)'s confirmation of the proposed grading. When confirming the proposed grading, will AAB take into account the advice of the Assessment Panel as well as the views received from the private owners concerned and the public? Since 2010, how many buildings other than the 1 444 historic buildings have been suggested for grading by the public (please set out in the table below)? What is the progress of the grading assessment of a new item suggested for grading by the public in 2009, namely (N183) Tsim Sha Tsui Transport Interchange (i.e. the building cluster of the Tsim Sha Tsui Star Ferry Pier and the Bus Terminus opposite it)? Why is it that the grading result is still not available even over 5 years have lapsed since the assessment has been carried out?

Year	Number of buildings suggested for grading by the public other than the 1 444 historic buildings	Buildings suggested for grading by the public other than the 1 444 historic buildings with grading assessments completed within the year in which the grading proposals were received	Buildings suggested for grading by the public other than the 1 444 historic buildings with grading assessments completed this year
2010			
2011			
2012			
2013			

2014			
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Asked by: Hon MO Claudia (Member Question No. 35)

Reply:

Information relating to the grading assessment of new items other than the 1 444 historic buildings since 2010 is presented in the table below:

Year	Number of buildings suggested for grading by the public other than the 1 444 historic buildings	Buildings suggested for grading by the public other than the 1 444 historic buildings with grading assessments completed within the year in which the grading proposals were received	Buildings suggested for grading by the public other than the 1 444 historic buildings with grading assessments completed this year
2010	50	1	5
2011	23	0	5
2012	16	0	4
2013	4	0	13
2014	3	0	36

AAB agreed at its meeting held on 9 September 2009 that the AAB would consider the grading of the proposed new items and categories after the assessment of the proposed grading of the list of 1 444 historic buildings is completed. As such, the AAB will flexibly advance new items and categories for assessment when there is a cogent need for an early assessment.

The Tsim Sha Tsui Transport Interchange (serial number N183) is a new item. As the development proposal affecting N183 has been shelved, there is no cogent need for an early assessment of its grading. The item will therefore be graded after the assessment of the list of 1 444 historic buildings is completed or when there is a cogent need for an early assessment.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)022**

**(Question Serial No. 1465)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is mentioned in the Matters Requiring Special Attention in 2015-16 under Programme (4) that the Administration will explore the feasibility of developing Kowloon East into a "Smart City", such as harnessing technology to enhance pedestrian and vehicular accessibility, manage the facilities in the area, disseminate information to the public in digital format, etc. Please advise on the following:

- (1) What are the details, scope, format and expected progress of the studies as well as the expenditure and manpower required? What are the timetables and implementation dates of the various pilot studies proposed?
- (2) Have any consultants been engaged to carry out the studies? If yes, what are the details of the studies and the expenditure and manpower required?
- (3) Are there any plans to hold events related to "Smart City" to collect views from the information technology sector? If yes, what are the details of the events and the expenditure and manpower required?
- (4) Have any other bureaux/departments been encouraged to participate in the pilot studies on the development of "Smart City"?

Asked by: Hon MOK Charles Peter (Member Question No. 45)

Reply:

Under the "Smart City" initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green

community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

Responses to the enquiries are as follows (using the same numbering):

(1) & (2)

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

(3) & (4)

To draw on the state-of-the-art expertise in the market, the Information Technology (IT) Sector and/or research institutions would be engaged for the consultancy study. Continuous dialogue are being held with all relevant stakeholders, including the IT sector as well as many government bureaux/departments, transport operators, public utility companies, academic institutions etc. Relevant bureaux/departments, such as the Office of the Government Chief Information Officer of the Commerce and Economic Development Bureau, the Transport and Housing Bureau, the Environment Bureau, the Transport Department, the Lands Department, the Environmental Protection Department, etc., would be invited to take part in the pilot studies relevant to their area of expertise.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)023**

**(Question Serial No. 0120)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Concerning the \$100 million earmarked for the Construction Industry Council (CIC) to train up more skilled workers to meet the acute manpower demand of the industry, will the Administration inform this Committee about the number of skilled workers it aims to train up by the CIC through the new provision with a breakdown by the construction trades to be covered?

Asked by: Hon. Abraham SHEK Lai-him (Member Question No. 22)

Reply:

CIC is formulating the proposal of a pilot scheme for training semi-skilled workers to attain skilled worker level and is consulting relevant industry stakeholders on details of the scheme including the budget, the trades and number of trainees. The initial thinking of the pilot scheme is to adopt a collaborative training mode (first-hire-then-train) providing a total of about 1 000 training places for various trades in shortage. Subject to funding approval of \$100 million by the Legislative Council, we aim to launch the pilot scheme in 2015.

--End--

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)024**

**(Question Serial No. 0122)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works)

Director of Bureau: Secretary for Development

Question:

The Financial Secretary says that a total of \$320 million has been allocated to the Construction Industry Council (CIC) over the past five years to train local workers through the provision of training allowances and on-site experience. Please provide a breakdown by the provision of training allowances and on-site experience with the number of local workers trained in the two categories in each of the past 5 years. For assessing the effectiveness of CIC's training efforts, please also provide indicators such as the number and the percentage of trained workers joined and remained active in the labour market at the end of each of the past 5 years.

Asked by: Hon. Abraham SHEK Lai-him (Member Question No. 24)

Reply:

In 2010 and 2012, we obtained a total of \$320 million from the Legislative Council to support CIC to strengthen its role in the training of local construction personnel and to enhance promotion and publicity activities to attract more people, especially young people, to join the industry. The "Enhanced Construction Manpower Training Scheme" (ECMTS) is the key training initiative under the \$320 million funding for training semi-skilled workers, targeting trades with projected labour shortage, acute ageing or recruitment difficulties, and attracting new entrants with enhanced training allowances. To diversify the modes of training and provide more training places, CIC has launched various collaborative training schemes with contractors, sub-contractors and labour unions, under which trainees are hired and then trained on-site so as to acquire site experience at an early stage. Up to end 2014, there were more than 6 000 ECMTS graduates under CIC's in-house training and collaborative training with the following breakdown in the past five years.



Number of ECMTS Graduates

Year	2010	2011	2012	2013	2014
CIC in-house courses	17 (94%)	458 (94%)	1 108 (93%)	1 625 (94%)	2 082 (91%)
Collaborative training schemes	0	0	125 (100%)	179 (100%)	633 (100%)

Note: the figures in ( ) refer to the employment rate of the graduates of the year.

To keep track of the retention situation of ECMTS graduates, CIC has been conducting telephone surveys on the employment situation of these graduates. The retention rates upon 12 months after graduation are set out below -

Retention Rate 12 Months after Graduation

	2010 graduates	2011 graduates	2012 graduates	2013 graduates	2014 graduates
Retention rate	70%	69%	65%	68%	NA <sup>@</sup>

@ 12-month retention survey for graduates in 2014 is ongoing, hence figure is not yet available.

-End-

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)025**

**(Question Serial No. 0404)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Budget Speech that over the past 5 years, the Government has allocated a total of \$320 million to the Construction Industry Council (CIC) to train local workers through the provision of training allowances and on-site experience. This year, another \$100 million will be provided for the CIC to train up more skilled workers to meet the acute manpower demand of the industry. In this connection, will the Government inform this Committee:

1. of the total number of local workers trained by the CIC over the past 5 years and their turnover rate so far (please set out in tabular form by year);
2. of the expenditure breakdown of the aforementioned provision of \$320 million;
3. of the extra number of workers expected to be trained with the additional provision of \$100 million this year; and
4. whether the cost-effectiveness of the provision has been evaluated?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 2)

Reply:

1. & 4. In 2010 and 2012, we obtained a total of \$320 million from the Legislative Council to support CIC to strengthen its role in training of local construction personnel and to enhance promotion and publicity activities to attract more people, especially young people to join the industry. The "Enhanced Construction Manpower Training Scheme" (ECMTS) is the key training initiative under the \$320 million funding for training semi-skilled workers, targeting trades with projected labour shortage, acute ageing or recruitment difficulties, and attracting new entrants with enhanced training allowances. To diversify the modes of training and provide more training places, CIC has launched various collaborative

training schemes with contractors, sub-contractors and labour unions, under which trainees are hired and then trained on-site so as to acquire site experience at an early stage. Up to end 2014, about 55% of ECMTS trainees were aged below 35 (versus the average age of registered construction workers of about 46). Most of the ECMTS trainees were new entrants, indicating that more young people have joined the industry. More than 6 000 ECMTS trainees have so far graduated under CIC’s in-house training and collaborative training, which is above the target of 6,000 trainees.

To keep track of the retention situation of ECMTS graduates, CIC has been conducting telephone surveys on the employment situation of these graduates. The number of ECMTS graduates in the past five years and their retention rates upon 12 months after graduation are set out below.

Year	2010	2011	2012	2013	2014
Number of ECMTS Graduates	17	458	1 233	1 804	2 715
Retention Rate 12 Months after Graduation	70%	69%	65%	68%	NA <sup>@</sup>

<sup>@</sup> 12-month retention survey for graduates in 2014 is ongoing, hence figure is not yet available.

To meet the industry’s demand for construction supervisors and technicians, the Development Bureau and CIC have collaborated to launch the “Enhanced Construction Supervisor/Technician Training Scheme” (ECSTS) in October 2012, with a target for training a total of 1 000 construction supervisors and technicians. Up to end 2014, about 300 trainees have undertaken the training courses.

Besides, to advance the skill levels of the in-service workers and cope with skills mismatch, subsidies are provided for trade tests, skills enhancement courses and specified training courses. Up to end 2014, there were about 11 600 in-service workers who have completed the subsidised trade tests and courses. The target quota for trade tests has been met, while the remaining funds for the courses have been vired to ECMTS for training more semi-skilled workers to meet the market demand.

In May 2011, we collaborated with CIC to launch the “Build-Up Publicity Campaign” to project a positive image of the industry. The latest image tracking survey in 2014 has revealed that since the launch of the campaign, the percentage of young people interviewed who are willing to join the industry has been increased significantly from about 8% to over 27%.

2. Under the \$320 million funding, the cumulative expenditure up to 2014-15 is estimated to be about \$201 million with breakdown as follows -

Item	Estimated Cumulative Expenditure up to 2014-15 (\$ million)
ECMTS	168.6
ECSTS	9.4
Subsidies for fees of trade tests, specified training courses and skill enhancement courses and advanced training courses for senior workers	3.0
Promotion and publicity activities	20.0
Total:	201.0

3. CIC is formulating the proposal of a pilot scheme for training semi-skilled workers to attain skilled worker level and is consulting relevant industry stakeholders on details of the scheme including the budget, the trades and number of trainees. The initial thinking of the pilot scheme is to adopt a collaborative training mode (first-hire-then-train) providing a total of about 1 000 training places for various trades. Subject to funding approval of \$100 million by the Legislative Council, we aim to launch the pilot scheme in 2015.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)026**

**(Question Serial No. 1899)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to oversee the maintenance and improvement of the water supply infrastructure, including the watermains replacement and rehabilitation programme. In this connection, will the Administration inform this Committee of the progress of the watermains replacement and rehabilitation programme, including the districts in which watermains replacement and rehabilitation have been completed, the percentage as against the total area covered by the entire programme, the expected date of completion of the programme, and the additional financial resources that have to be injected?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 39)

Reply:

Up to February 2015, the Replacement and Rehabilitation (R&R) programme is about 91% completed with 2 730 km of water mains replaced/rehabilitated. The lengths of water mains already completed in the 18 districts of Hong Kong under the R&R programme are as follows:

	District	Length of water mains replaced/rehabilitated (km)
Hong Kong	Central & Western	156
	Wan Chai	103
	Eastern	111
	Southern	110

	District	Length of water mains replaced/rehabilitated (km)
Kowloon	Kwun Tong	130
	Wong Tai Sin	95
	Kowloon City	197
	Yau Tsim Mong	179
	Sham Shui Po	140
New Territories	Sai Kung	127
	Sha Tin	177
	Tai Po	138
	North	216
	Yuen Long	390
	Tuen Mun	171
	Tsuen Wan	84
	Kwai Tsing	124
	Islands	82
	Total	2 730

It is anticipated that the R&R programme will be substantially completed by the end of 2015. The estimated expenditure for the remaining R&R works in 2015-16 is \$2,392 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)027**

**(Question Serial No. 1903)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to implement the Financial Assistance for Maintenance Scheme to provide financial assistance to private owners to maintain their graded historic buildings. In this connection, will the Administration inform this Committee of:

1. the amount of financial assistance provided and the number of private owners receiving the assistance in each of the past 5 years;
2. the criteria for setting the amount of assistance; and
3. the estimated expenditure involved in 2015-16?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 43)

Reply:

1. The amount of financial assistance provided and the number of private owners receiving assistance under the Financial Assistance for Maintenance Scheme (FAS) in each of the past five years are tabulated below –

Financial Year	Total amount of financial assistance	Number of owners receiving financial assistance
2010/11	\$1 million	1
2011/12	\$9.2 million	10
2012/13	\$6.9 million	7
2013/14	\$9.9 million	11
2014/15	\$10.8 million	11

2. The amount of grant for each successful application will be determined based on the justifications provided by the applicant and in accordance with a number of criteria including details of proposed work items, urgency of the works and benefits of the maintenance works to the community. The ceiling of grant for each successful application is \$1 million.
3. The estimated expenditure for providing financial assistance to owners to repair their graded historic buildings under FAS in 2015/16 is around \$4.8 million.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)028**

**(Question Serial No. 1904)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to oversee the effective implementation of the tree risk management arrangement within the Government and the development of a database of problematic trees. In this connection, will the Administration inform this Committee -

1. whether it has reviewed the tree risk management arrangement within the Government to see if it has been effectively implemented;
2. when the said database will be available for use; and
3. of the manpower of the Works Branch for handling the work concerned and the administrative expenditure involved, and whether additional resources (including additional manpower) are required to expedite the work?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 44)

Reply:

1. The Tree Management Office (TMO) of the Development Bureau developed a tree risk assessment (TRA) arrangement in 2010 with the promulgation of detailed guidelines (Guidelines for Tree Risk Assessment and Management Arrangement on an Area Basis and on a Tree Basis) for compliance by the tree management departments. In addition, audit checking is implemented to ensure that TRA is conducted in a professional manner and in compliance with the promulgated guidelines.

With the practical experiences gained during TRA, TMO also conducts review on the practices and guidelines at least annually in consultation with the tree management departments with a view to improving the quality of TRA. The latest version of the guidelines promulgated in late 2014 included a series of enhancement measures for effective implementation of TRA within the government.

2. The database of Tree Register was set up in July 2010 and has been in operation since then. The current work is mainly on the upkeeping of the database.
3. The review of the government internal tree risk assessment management and development and the upkeeping of database of Tree Register are part of the normal duties of staff in TMO. We do not keep separate statistics on resources dedicated to the above tasks only. The tasks will be undertaken by existing staff and no additional expenditure will be incurred in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)029**

**(Question Serial No. 1905)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will carry out two studies to release the potential of government sites in the Kowloon Bay Action Area and Kwun Tong Action Area, and select an operator for the vacant sites underneath Kwun Tong Bypass. In this connection, will the Administration inform this Committee of the details of the studies, specific timetables and the estimated expenditures involved?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 45)

Reply:

To release the development potential, it is planned to redevelop the Kowloon Bay Action Area (KBAA) and Kwun Tong Action Area (KTAA) to accommodate a total of 0.5 million square metres commercial/ office floor space.

In August 2014, Energizing Kowloon East Office (EKEO) commissioned a consultant to undertake the KBAA study scheduled for completion in around end 2015. At this stage, the consultant is developing initial development options for broad technical assessments. The cost of the KBAA study is approximately \$7.3 million. Another 18-month study for KTAA will be commenced around mid-2015, with an estimated expenditure of around \$10 million.

The EKEO launched an Invitation for Proposal (IFP) titled "Creativity, Arts and Culture under Kwun Tong Bypass" on 31 October 2014. Proposals were invited from non-profit making organisations for the planning, design and subsequent operation, maintenance and management of three sites under Kwun Tong Bypass for arts and cultural events, and also uses by creative industries. The IFP was closed on 9 January 2015. An operator will be selected by mid-2015. EKEO undertook the IFP and absorbed the extra work within

existing staff resources. The cost of the IFP was about \$10,000 which was spent on the advertisement on two local newspapers.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)030**

**(Question Serial No. 1906)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will explore the feasibility of developing Kowloon East into a "Smart City". Will the Administration inform this Committee of the specific details of the concept of Smart City, the implementation timetable and the estimated expenditure involved?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 46)

Reply:

Under the "Smart City" initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)031**

**(Question Serial No. 1502)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the issue of Dongjiang water, please inform this Committee of the following based on the actual estimates for 2011-12, 2012-13 and 2013-14, the revised estimate for 2014-15 and the estimate for 2015-16:

- (1) the quantities of Dongjiang water as agreed by the governments of Hong Kong and the Guangdong Province, the actual quantities of Dongjiang water imported to Hong Kong and the quantities of Dongjiang water that has been paid but has not been used or imported to Hong Kong;
- (2) whether the wasted and unused Dongjiang water will be distributed to other provinces and municipalities or discharged into the sea; and
- (3) whether the Bureau has reviewed the quantities of unused Dongjiang water that has been paid each year and how the situation will be improved to avoid wasting public money.

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. 14)

Reply:

- (1) Since 2006, Dongjiang (DJ) water supply agreements have adopted the “package deal lump sum” approach to ensure a reliable and flexible supply of DJ water to meet the actual needs of Hong Kong. Under this approach, we procure a water right in the form of an annual supply ceiling quantity and we are able to import DJ water as needed up to the ceiling quantity each year. This approach secures a reliable supply of fresh water for Hong Kong and avoids wastage of the DJ water resource. The

annual supply ceiling quantity is determined by a detailed analysis with a view to maintaining water supply round-the-clock even under the extreme drought condition with a return period of 1 in 100 years.

As the DJ water supply agreements are on calendar year basis, the quantities of DJ water imported are presented in calendar years in the table below -

<b>DJ water</b> (in million cubic metre)	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Imported to Hong Kong (A)	818	709	612	724	54 (up to January 2015)
Annual supply ceiling quantity (B)	820	820	820	820	820
Difference (B-A)	2	111	208	96	NA

- (2) The unused DJ water is not imported to Hong Kong and thus left in DJ. Whilst Hong Kong is not involved in the management of the water resource in DJ, we understand that the DJ water resource is used for multiple purposes, including navigation, ecological conservation and power generation.
- (3) As stated in (1) above, the “package deal lump sum” approach is adopted so as to procure a water right that will ensure water security in Hong Kong. We keep in view the difference between the actual quantity of DJ water imported to Hong Kong and the annual supply ceiling quantity all the time. Moreover, when negotiating for the renewal of the DJ water supply agreement with the GD authorities and the adjustment of water purchases prices, we take into account the saving in operation cost by the GD side due to the actual supplied quantities being less than the ceiling quantities.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)032**

**(Question Serial No. 1922)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

How does the Administration step up promotional efforts to attract ethnic minorities to join the construction industry? What are the details of the plan and the budget? Will the Government strengthen the recruitment of ethnic minority workers in the construction industry at the district level? If yes, what are the details of the plan and the budget? If no, what are the reasons?

Asked by: Hon TO Kun-sun, James (Member Question No. 26)

Reply:

The Construction Industry Council (CIC) has been implementing various initiatives to attract ethnic minorities to join the construction industry and enhance their skills. The initiatives include enhancing promotion of the industry through social groups of ethnic minorities, labour unions and related non-government organisations, placing advertisements in newspapers with ethnic minority readership and conducting Family Days for the ethnic minorities; conducting job fairs at various districts to provide job opportunities for the ethnic minorities; and arranging site visits to encourage ethnic minority workers to attend training courses organised by CIC, etc. CIC has also introduced the Build Up Ambassadors to promote the image of the industry through participating in publicity activities and sharing their personal stories. One of the ambassadors is an ethnic minority. According to CIC, the estimated expenditure for CIC for the above promotion activities in 2015-16 will be about \$360,000. In addition, together with CIC in 2013 and 2014, we launched two series of RTHK TV drama on the construction industry, entitled "Dreams Come True", in which one of the leading actors is an ethnic minority.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)033**

**(Question Serial No. 1936)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What is the area of Green Belt sites (outside country parks) on Hong Kong Island at present? What is its percentage out of the total area of Hong Kong Island? What measures will be taken by the Administration with regard to the greening of Hong Kong Island in future? What is the estimated expenditure?

Asked by: Hon TO Kun-sun, James (Member Question No. 40)

Reply:

As at end February 2015, the area of land zoned "Green Belt" ("GB") on statutory plans and outside Country Parks on Hong Kong Island is about 18 sq. km, accounting for about 22% of the total land area of Hong Kong Island. It should be noted that this figure only refers to the zoned area on statutory plans, and thus does not reflect whether the land concerned is currently vegetated.

The Government strives to promote and increase greening opportunities in the territory to enhance the quality of our living environment. In the Urban Greening Master Plans completed in 2011, about 7 000 trees and 1.4 million shrubs were planted on Hong Kong Island which significantly enhanced the aesthetic and environmental quality in various districts.

The Government will continue to incorporate greening opportunities through planting programmes for parks/public open spaces and roadside amenity areas, promenade beautification works, greening works in various public works projects such as road/infrastructure projects, footbridges, roof and vertical greening in government buildings and the environment beautification works in District Minor Works programmes. Major

public works projects with greening works on Hong Kong Island under planning/construction include Central - Wan Chai Bypass and Island Eastern Corridor Link; Re-provisioning of Cape Collinson Crematorium; and roof and vertical greening projects in government buildings.

There is no separate breakdown of expenditure for greening works as they are integral parts of building and infrastructure projects.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)034**

**(Question Serial No. 1937)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What is the area of Green Belt sites (outside country parks) on Kowloon Peninsula at present? What is its percentage out of the total area of Kowloon Peninsula? What measures will be taken by the Administration with regard to the greening of Kowloon Peninsula in future? What is the estimated expenditure?

Asked by: Hon TO Kun-sun, James (Member Question No. 41)

Reply:

As at end February 2015, the area of land zoned "Green Belt" ("GB") on statutory plans and outside Country Parks in Kowloon is about 5 sq. km, accounting for about 11% of the total land area of Kowloon. It should be noted that this figure only refers to the zoned area on statutory plans, and thus does not reflect whether the land concerned is currently vegetated.

The Government strives to promote and increase greening opportunities in the territory to enhance the quality of our living environment. In the Urban Greening Master Plans completed in 2011, about 18 000 trees and 3.7 million shrubs were planted in Kowloon which significantly enhanced the aesthetic and environmental quality in various districts.

The Government will continue to incorporate greening opportunities through planting programmes for parks/public open spaces and roadside amenity areas, promenade beautification works, greening works in various public works projects such as road/infrastructure projects, footbridges, roof and vertical greening in government buildings and the environment beautification works in District Minor Works programmes. Major public works projects with greening works in Kowloon under planning/construction include Yuet Wah Street Pedestrian Linkage and roof and vertical greening projects in government buildings.

There is no separate breakdown of expenditure for greening works as they are integral parts of building and infrastructure projects.

End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)035**

**(Question Serial No. 1938)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What is the area of Green Belt sites (outside country parks) in the New Territories at present? What is its percentage out of the total area of the New Territories? What measures will be taken by the Administration with regard to the greening of the New Territories in future? What is the estimated expenditure?

Asked by: Hon TO Kun-sun, James (Member Question No. 42)

Reply:

As at end February 2015, the area of land zoned "Green Belt" ("GB") on statutory plans and outside Country Parks in the New Territories is about 134 sq. km, accounting for about 14% of the total land area of the New Territories (NT). It should be noted that this figure only refers to the zoned area on statutory plans, and thus does not reflect whether the land concerned is currently vegetated.

The Government strives to promote and increase greening opportunities in the territory to enhance the quality of our living environment. In NT, the Greening Master Plans (GMPs) for NT Southeast and Northwest – priority greening works were commenced in December 2014 for completion in end 2017. We are developing GMPs for the remaining NT regions, which include NT Southwest (Tsuen Wan, Kwai Tsing and Islands Districts) and NT Northeast (Tai Po and North Districts).

The Government will continue to incorporate greening opportunities through planting programmes for parks/public open spaces and roadside amenity areas, promenade beautification works, greening works in various public works projects such as road/infrastructure projects, footbridges, roof and vertical greening in government buildings and the environment beautification works in District Minor Works programmes and Rural

Public Works programmes. Major public works projects with greening works in NT under planning/construction include sports centre, community hall and district library in Area 14B, Sha Tin; sludge treatment facilities; and roof and vertical greening projects in government buildings.

There is no separate breakdown of expenditure for greening works as they are integral parts of building and infrastructure projects.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)036**

**(Question Serial No. 2575)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is decided that the ancient well J2 and the water channel found at the works site of the To Kwa Wan Station of the Shatin to Central Link will be preserved by “removing first and reinstating later”. The Development Bureau says that it will analyse and compare various conservation options in terms of the construction risks involved, impact on station design as well as financial commitment, and encourage discussion in the community.

Will the Administration inform this Committee of the following:

1. When will the consultation briefing for the antique well J2 be held? Are details available now? If yes, what are the details?
2. Whether there are any plans for the in-situ preservation of the stone structures near the Adit to Pak Tai Street? If yes, what are the details?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 24)

Reply:

1. The Secretary for Development announced on 8 December 2014 the conservation method for well J2 and the associated water channel. We will consider the proposal for the interpretation of well J2 together with the other archaeological discoveries when planning the future Sung Wong Toi Park in a holistic way.

2. The proposed pedestrian subway crossing Sung Wong Toi Road to Pak Tai Street is commonly known as Adit C. The Antiquities and Advisory Board has suggested the stone structures found near the entrance of Adit C are to be remained *in-situ* for the time being, on condition that there would be an alternative temporary pedestrian crossing at Sung Wong



Toi Road. The MTR Corporation Limited and relevant government department(s) will work out the arrangement of the temporary crossing at Sung Wong Toi Road in consultation with the local residents.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)037**

**(Question Serial No. 1106)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the implementation of the Revitalising Historic Buildings Through Partnership Scheme (Revitalisation Scheme):

1. What are the Bureau's actual expenditure and manpower deployment for implementing the Revitalisation Scheme in 2014-15? Will there be any increase or decrease in the estimated expenditure and manpower deployment in 2015-16? If yes, what are the details?
2. The Bureau estimates that the cumulative total number of projects included under the Revitalisation Scheme in 2015 will remain at 16, which is the same as the actual numbers in the past 2 years. Meanwhile, the Bureau estimates that it will complete the assessment of the 4 historic buildings and announce the selection results in 2015-16. When estimating the cumulative total number of projects included under the Revitalisation Scheme for 2015, did the Bureau take into account the progress of assessment of the 4 buildings concerned? If yes, why does the Bureau estimate that the cumulative total number of projects included under the Revitalisation Scheme in 2015 will remain at 16, which is the same as the figures in the past 2 years? If no, what are the reasons?
3. Applications were received for revitalising the 4 historic buildings under Batch IV of the Revitalisation Scheme. What is the latest progress of the assessment? What is the earliest date expected for the announcement of selection results?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 74)

Reply:

1. The actual expenditure for implementing the Revitalisation Scheme in 2014-15 is \$6.17 million and the estimated expenditure for implementing the Revitalisation Scheme in 2015-16 is \$8.06 million. The manpower involved in implementing the Revitalisation Scheme is absorbed within the existing resources of the Commissioner for Heritage's Office of the Development Bureau .
2. The cumulative total number of projects included under the Revitalisation Scheme in 2015 is estimated to remain at 16 which include the four projects under Batch IV. We have taken into account the progress of the assessment of the applications for Batch IV and anticipate that the selection results will be announced in the second quarter of 2015. After that, preparation works is required before the launch of Batch V of the Revitalisation Scheme. The preparatory works include the identification of suitable historic buildings, preparation for the conservation guidelines and the resource kits for the historic buildings concerned, etc. As such, the cumulative total number of projects included under the Revitalisation Scheme in 2015 will remain the same as that of the last year.
3. The assessment of the applications for Batch IV of the Revitalisation Scheme is in progress and the assessment results are expected to be announced in the second quarter of 2015.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)038**

**(Question Serial No. 1107)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What kind of support will be provided by the Bureau to the Construction Industry Council to strengthen their work to train skilled workers for the construction industry in 2015-16? What are the specific details, targets, the expenditure and manpower involved, as well as implementation timetables? What is the estimated number of skilled workers that the Government's support measures can help train for the construction industry? What trades are involved?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 3)

Reply:

It was announced in the 2015 Policy Address and 2015-16 Budget that the Government will provide \$100 million to the Construction Industry Council (CIC) to train up more skilled workers to meet the acute manpower demand of the construction industry.

CIC is formulating the proposal of a pilot scheme for training semi-skilled workers to attain skilled worker level and is consulting relevant industry stakeholders on details of the scheme including the budget, the trades and number of trainees. The initial thinking of the pilot scheme is to adopt a collaborative training mode (first-hire-then-train). Subject to funding approval of \$100 million by the Legislative Council, we aim to launch the pilot scheme in 2015.

Subject to the final details of the scheme, it will provide a total of about 1 000 training places for various trades in shortage.

The expenditure and manpower involved as well as implementation timetables depend on the final details of the scheme.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)039**

**(Question Serial No. 1113)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): ( )

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

On monitoring the delivery of the Public Works Programme:

1. What are the manpower deployment and actual expenditure of the Bureau for the relevant work in 2014-15? What are the expected changes in the manpower and expenditure in 2015-16?
2. How many projects have underspending of over 5% in 2014-15? What are the main reasons for such underspending? What is the change in the figures compared with 2013-14?
3. Do we have to take measures to reduce the gap between the project cost estimate and actual expenditure? If yes, what are the details including the measures involved, the expenditure and manpower required as well as implementation timetables?
4. The filibustering in the Legislative Council in recent years has seriously affected the deliberation and funding approval of a substantial number of works projects. Will the Bureau take any measures to minimise its impact on project cost? If yes, what are the details? If no, what are the reasons?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 10)

Reply:

1. The officers responsible for the monitoring of public works projects are also responsible for other duties. There is no separate breakdown of the manpower resources deployed specifically for this task. That said, we do not expect any substantial change in manpower and expenditure in 2015-16.
2. Comparing the Original Estimate and Revised Estimate of project expenditures in 2014-15, around 170 capital works projects have underspending of over 5% in 2014-15.

The main reasons of the underspending are slower than expected progress and delay in securing funding approval. While for 2013-14, there were about 200 projects having underspending of over 5%.

3. We have been closely monitoring the performance of the portfolio of projects under the Capital Works Programme. From 2004-05 to 2013-14, about 10% of some 600 Category A projects required increase in the Approved Project Estimates (APE). The total value of the increase accounted only for a small percentage of the sum of the APE. The final outturn expenditure of about 1 000 capital works projects completed in the same period was about 85% of original APE.

We have been reviewing and enhancing the estimation methodology on project. We adopted the methodology of “Estimating Using Risk Analysis” since 1998 and upon review implemented “Systematic Risk Management” in 2005 to enhance the estimation. We will continue to review and enhance the estimation methodology in the future on a need basis.

4. Funding applications for capital works projects suffered delay due to delayed deliberation in the Finance Committee (FC) and the Public Works Subcommittee (PWSC) in 2013-14 and 2014-15 legislation sessions. The annual capital works expenditure in the coming few years will be affected as a result. Under the present inflationary environment for construction cost, increase in project estimation is also expected due to delay in commencement of the projects. We will continue to assess the actual impact on the projects when the situation is clearer. We will strive to minimise the adverse impact to the projects, such as conducting tender exercise for appropriate projects in parallel, as far as practicable.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)040**

**(Question Serial No. 1140)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Chief Executive stated in the 2015 Policy Address that a pilot study will be carried out in Kowloon East to examine the feasibility of developing a Smart City, such as using technology to enhance pedestrian and vehicular accessibility and manage the district facilities, and disseminate information to the public in digital format, with a view to making the area a better place for work and play. Will the Government inform this Committee of the estimated completion date of the study project, the number of staff deployed for the work and the estimated expenditure involved? If research institutions will be engaged to carry out the study, how many consultancy agreements are expected to be awarded in 2015-16 and what are the fees involved for each agreement? What are the assessment mechanism and criteria for considering the award of consultancy projects to the research institutions concerned?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 37)

Reply:

Under the "Smart City" initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.



A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee, and draw up the assessment criteria of consultant selection.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)041**

**(Question Serial No. 1725)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is reported that the Government intends to build a pedestrian subway connecting the Ngau Tau Kok MTR Station with the Kwun Tong Promenade to facilitate passenger flow to and from the MTR station.

What is the expected progress of the above works project in 2015-16? What is the related public expenditure?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. 26)

Reply:

We advocate the sustainability concept of “walkability” in improving connectivity and enhancing the pedestrian environment. We develop the concept of “walkable” Kowloon East comprehensively in the Kowloon Bay and Kwun Tong Business Areas through various measures including both grade-separated and at-grade options which are comfortable, green and efficient for the pedestrians. With a view to enhancing the connectivity between the Ngau Tau Kok MTR Station and the Kwun Tong promenade, we are conducting a preliminary feasibility study to explore the opportunity for providing a walkway system from the MTR Station to Hoi Bun Road Park and leading to the waterfront. Requirements of connection points for the walkway system have been included in the land lease conditions of the new adjacent commercial development at NKIL 761 to allow continuous passage for the public. Subject to the finalisation of the proposed walkway system, we would estimate the programme and construction cost.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)042**

**(Question Serial No. 0668)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Administration stated that it would commence a planning study to release the potential of the government sites within the Kowloon Bay Action Area. In this connection, will the Administration inform this Committee of the lots, uses, floor area and rental value of the target government sites at present; details of the framework, content and work schedule of the study; as well as the estimated expenditure involved?

Asked by: Hon WONG Kwok-kin (Member Question No. 32)

Reply:

Kowloon Bay Action Area 「九龍灣行動區」 (“the Action Area”) has an area of about 6.4 hectares. The Action Area comprises a cluster of Government sites occupied by two vehicle examination centres of the Transport Department, a waste recycling centre of the Environmental Protection Department, a maintenance depot of the Highways Department and a police vehicle pound of the Hong Kong Police Force.

To release the development potential, the ‘Planning and Engineering Study for the Development at Kowloon Bay Action Area – Feasibility Study’ (“the Study”) will formulate development options with a view to developing the Action Area into a new commercial/office hub in Kowloon East.

In August 2014, Energizing Kowloon East Office commissioned a consultant to undertake the Study. The Study is anticipated to complete around end 2015. At this stage, the consultant is developing initial development options for broad technical assessments. The cost of the Study is approximately \$7.3 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 2621)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

To promote the development of Kowloon East, how many consultancy study contracts have been awarded by the Energizing Kowloon East Office (EKEO) and other government departments to date for the implementation of various projects? What are the expenditure involved, details, launch date, completion date and implementing departments of each contract? How many consultancy study contracts will be launched by the EKEO and other departments in the coming year? What are the details such as the themes of the studies, timeframes and the expenditures involved?

Asked by: Hon WU Chi-wai (Member Question No. 16)

Reply:

Seven consultancy studies with a total estimated cost of \$23.58M have been awarded by the EKEO and other government departments as of March 2015. In the coming year, four consultancy studies will be launched by the EKEO and other government departments. Please refer to the tables below for the details.

**Summary of EKEO's Existing Consultancies**

Ref. No.	Project Title	Estimated Cost (\$M)	Start Date	Completion Date	Implementing Dept	Project Details
1	Traffic Impact Assessment for provisioning of Vehicle	0.12	Jan 2014	Aug 2014	ArchSD	To determine any adverse traffic impact caused by the re-provisioning project, and recommend improvement

	Examination Centre in Tsing Yi					measures.
2	Study on Industrial Heritage of Kowloon East (KE) and its Potential for Public Art / Urban Design	1.34	Dec 2012	Aug 2014	EKEO	To study the industrial heritage in KE and transform its unique elements in urban design.
3	Quantitative Risk Assessment for the proposed Vehicle Examination Centre (VEC) site at Tsing Yi	0.56	Dec 2013	Mar 2015	ArchSD	To assess the risk for the proposed VEC site in Tsing Yi.
4	Traffic Impact Assessment for Proposed Traffic Modification Works in Kwun Tong Business Area	0.84	Apr 2013	Mid 2015	EKEO	To appraise the traffic impact for the development sites NKIL No. 6512 and KTIL No. 761 and road modification works for Hoi Bun Road.
5	Kowloon Bay Business Area Pedestrian Environment Improvement - Feasibility Study	6.70	Feb 2013	Mid 2015	EKEO	To identify pedestrian and traffic improvement measures for enhancing connectivity of Kowloon Bay Business Area.
6	Planning and Engineering Study for the Development at Kowloon Bay Action Area of Kowloon East - Feasibility Study	7.27	Aug 2014	Early 2016	EKEO	To formulate development options and a Recommended Outline Development Plan to develop the Action Area into a new commercial/office hub.
7	Pedestrian Environment Improvement Scheme for Transformation of Kwun Tong Business Area	6.75	May 2014	Mid 2016	EKEO	To explore opportunities to improve pedestrian and transport facilities, promote greening, beautify the landscape and streetscape, and enhance connections between different places.

### Summary of EKEO's Proposed Consultancies in the Coming Year

Ref. No.	Project Title	Estimated Cost (\$M)	Start Date	Completion Date	Implementing Dept	Project Details
8	Planning & Engineering Study for Developments at Kwun Tong Action Area of Kowloon East - Feasibility Study	10	Mid 2015	Mid 2017	EKEO	With reference to the winning design of "Kai Tak 2.0: Healthy Lift-off" and merits of other winning entries, to formulate a Recommended Outline Development Plan to complement the development of Runway Tip and enhance the vibrancy of the water body.
9	Planning & Urban Design Review for Developments at Kai Tak Runway Tip - Feasibility Study	8.25	Mid 2015	Early 2017	EKEO	With reference to the winning design of "Kai Tak 2.0: Healthy Lift-off" and merits of other winning entries, to review the planning and urban design proposals for the Runway Tip to achieve a sustainable, low carbon and green environment.
10	Smart Kowloon East - Investigation and Pilot Study	TBC	End 2015	Mid 2017	EKEO	To set direction and priorities for the implementation of smart city initiatives and carry out pilot tests in Kowloon East.
11	Revitalisation of Tsui Ping River - Investigation Study	9.5	Mid 2015	Early 2017	DSD	To investigate the transformation of the existing King Yip Street nullah into a "green river" with environmental, ecological and landscape upgrading.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)044**

**(Question Serial No. 2622)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

A number of main tasks have been proposed in the Conceptual Master Plan for Energizing Kowloon East in the past. What is the current progress of these tasks? Regarding the details of the tasks, such as the Kowloon Bay Business Area Pedestrian Environment Improvement Feasibility Study, how many of the recommendations have been carried out?

Asked by: Hon WU Chi-wai (Member Question No. 17)

Reply:

The Energizing Kowloon East Conceptual Master Plan (CMP) promulgated 10 main tasks which can be categorized into 3 main categories: 1) Enhance Connectivity, 2) Improve Environment and 3) Release Development Potential.

On enhancing connectivity, we advocate the concept of 'walkable' Kowloon East. In February 2013, we commissioned a consultancy study to formulate short, medium and long-term proposals to improve the pedestrian and traffic environment in Kowloon Bay Business Area (KBBA). The proposals are being progressively implemented whilst the study will be completed in mid-2015. Another consultancy study to enhance the pedestrian environment and traffic condition in Kwun Tong Business Area (KTBA) was commissioned in May 2014 for completion in mid-2016. Also, subject to funding approval by the Finance Committee, a detailed feasibility study on the proposed Environmentally Friendly Linkage System (EFLS) will be commissioned in mid-2015 to formulate the way forward for the proposed EFLS to serve and support the transformation of Kowloon East into a new Core Business District.

On improving the environment, face-lifting of Tsun Yip Street Playground and Hoi Bun Road Sitting-out-area had already been completed in September and November 2014



respectively. Kwun Tong Promenade Phase 2 will also be open to the public soon. The Kwun Tong Industrial Culture Park project, which showcases our study findings on the industrial culture of Kowloon East and its potential for public art and urban design, is currently in detailed design stage while the other garden project, Tsui Ping River Garden, is in design development stage. The completion dates of these projects are targeted at end 2017 and mid-2018 respectively, subject to funding approval by the Finance Committee. We are also working with relevant departments to convert King Yip Street Nullah to Tsui Ping River by providing riverside walkways, improving neighbouring pedestrian facilities and providing more greening along the river. The consultancy for investigation will be commissioned in Q2 2015. For three sites underneath Kwun Tong Bypass, an Invitation for Proposal (IFP) was launched on 31 October 2014 to invite proposals from non-profit making organizations for the planning, design and subsequent operation, maintenance and management of the sites for arts and cultural events and use by creative industries. The IFP was closed on 9 January 2015 and we plan to select an operator by mid-2015.

On releasing development potential, we are working on relocating or rationalizing the existing government facilities in the two action areas in KBBA and KTBA. These action areas have the potential for a total supply of 0.5 million square metres commercial/office floor space. Since 2012/13, four government sites in KE were sold and another site was made available for sale on 27 March 2015, providing a total of about 0.27 million square metres commercial/office floor space.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)045**

**(Question Serial No. 1339)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is proposed in the Policy Address to use Kowloon East as a pilot area to explore the feasibility of developing a Smart City. The Smart City will adopt the theme of “walkability” to improve the pedestrian environment and address traffic issues. Will the Administration inform this Committee what programmes will be implemented in Kowloon East to improve the pedestrian environment and traffic congestion to keep in line with the concept of Smart City?

Asked by: Hon YIU Si-wing (Member Question No. 13)

Reply:

On enhancing connectivity, the Government advocates the concept of “Walkable” Kowloon East. In February 2013, we commissioned a consultancy study to formulate short, medium and long-term proposals to improve the pedestrian and traffic environment in Kowloon Bay Business Area. Since 2014, the proposals are being progressively implemented. The study is anticipated to complete in early 2015. A similar consultancy study to enhance the pedestrian and traffic environment in Kwun Tong Business Area was commissioned in May 2014 for completion in mid-2016. The programme of the proposed improvement works would be subject to the study outcome.

To tie in with the Smart City initiatives in Kowloon East, we will commission a separate consultancy study by late 2015 to explore, amongst other things, the possibility of establishing an interactive information platform using big data analytics to provide transport and traffic information to better serve the public.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)046**

**(Question Serial No. 1690)**

Head: Capital Works Reserve Fund Heads 703, 704, 705, 706, 707, 709 and 711

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the major public works projects monitored by the Administration in 2014, which of them were delayed in implementation and/or ran over budget? Please set out a list of the works concerned and the reasons for delays and/or cost overruns.

Asked by: Hon CHAN Hak-kan (Member Question No. 39)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

The major public works projects (i.e. original Approved Project Estimate greater than \$500 million) on-going in financial year (FY) 2014-15 which have been delayed by more than three months and/or will require an increase in the Approved Project Estimates (APE) are listed in the following table -

No.	Project code	Project title	Reasons for delay	Reasons for APE to be increased
1.	-	Hong Kong-Zhuhai-Macao Bridge (HZMB) project	As indicated by the Secretary for Transport and Housing at the Legislative Council Panel on Transport on 16 January this year, the Joint Works Committee of the Three Governments	We are seeking approval from the Finance Committee to increase the APE of the 6845TH – “HZMB HKBCF –

			<p>(“JWC”) had advised that it would be very difficult for the entire HZMB project to be completed by end 2016. The JWC and the HZMB Authority will further conduct an in-depth and objective analysis on the programme of the project. Besides, Mr Li Chun-hong, the Director of the Guangdong Development and Reform Commission, advised at the press conference of the third session of the 12th Guangdong Provincial People's Congress held on 10 February this year that as the HZMB project encountered many unforeseen difficulties and technical problems, it appeared to be very difficult to commission the HZMB by end 2016.</p> <p>As for the local projects in Hong Kong, according to the current progress, the Hong Kong Boundary Crossing Facilities (HKBCF) and the Hong Kong Link Road projects may not be completed in time by end 2016. The Highways Department is reviewing the anticipated completion dates.</p>	<p>Reclamation and Superstructures”, by \$5,461.1 million from \$30,433.9 million to \$35,895.0 million in money-of-the-day (MOD) prices to cover the additional costs due to:</p> <p>(a) higher-than- expected costs of superstructure works; and (b) increase in provision for price adjustment.</p>
2.	-	Shatin to Central Link (SCL) project	<p>For the Tai Wai to Hung Hom section of SCL, MTRCL estimated that there would be a minimum delay of 11 months arising from the archaeological and conservation works at To Kwa Wan Station.</p> <p>For the Hung Hom to Admiralty section of SCL, the commissioning date will very likely be deferred to allow flexibility for the topside development of the convention centre at Exhibition Station, and to cater for the reclamation works under Wan Chai Development Phase II as well as the tunnel works of Central-Wan Chai Bypass.</p>	<p>As the archeological and conservation works at To Kwa Wan Station have incurred delay and additional expenditure, the current contingency of SCL will not be sufficient to meet the additional expenditure arising from the archaeological and conservation works, additional funding from the Legislative Council will be sought in due course in order to proceed with the works.</p>
3.	6053TR	Hong Kong section of Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) – construction of railway works	<p>According to the Entrustment Agreement, the programme completion date is August 2015. In May 2014, MTR Corporation Limited (MTRCL) announced that the new commissioning target would be the end of 2017.</p>	<p>MTRCL announced on 11 August 2014 that the Cost to Complete (CTC) of the Hong Kong section of XRL would be \$71.52 billion (in the money-of-the-day (MOD) prices), which exceeds the Approved Project Estimate (APE) of \$66.8 billion. Based on the information provided by MTRCL and with the assistance of the monitoring and verification (M&amp;V) consultant, HyD has completed the review of MTRCL's CTC. HyD</p>
4.	6057TR	Hong Kong Section of Guangzhou-Shenzhen-Hong Kong Express Rail Link – construction of non-railway works	<p>In May 2014, the Administration submitted a paper (LC Paper No. CB(1)1328/13-14(03)) to provide LegCo with information on the position of the construction of the Hong Kong section of the XRL at the time, which included DHy's report on the progress of works of the Hong Kong section of the XRL and views on issues resulting in progress delays.</p> <p>In the light of the delay of the construction of the Hong Kong section of</p>	

			<p>the XRL, the Government appointed an Independent Expert Panel (“IEP”) in May 2014. On 30 January 2015, the <i>Report of the Hong Kong section of the Guangzhou-Shenzhen - Hong Kong Express Rail Link Independent Expert Panel</i> has been released. Having reviewed the implementation of the Hong Kong section of the XRL, the Panel put forward recommendations aiming to improve the systems, processes and practices for implementing and monitoring the Hong Kong section of the XRL, as well as new railway projects in future.</p>	<p>has urged MTRCL to review again the CTC in view of the reports of the MTRCL Independent Board Committee and HyD’s review findings. MTRCL would review again the CTC, which is expected for completion in the second quarter of 2015.</p>
5.	6579TH	Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB)	<p>The Highways Department commenced construction of the CWB project in 2009 and has been endeavouring to commission the project in 2017 as originally scheduled. In the coming few years, a large amount of complicated marine and road works will be carried out under the project. There remain a lot of challenges and unforeseeable situations ahead, especially for the works at the Island Eastern Corridor (IEC) Link. The works involve complicated reconstruction and improvement works for the existing bridge structures of the North Point section of the IEC while maintaining the operation of the roads at all times.</p> <p>The unforeseen situations that had been encountered in the past under this project, such as worse-than-expected inclement weather and deeper-than-expected diaphragm walls, may arise in the remaining reclamation works. There are other risks as some works will have to be carried out adjacent to high speed roads and in close proximity to residential areas in future. These risks include longer-than-expected preparatory works for implementing major temporary traffic arrangements on the IEC, and more complicated working procedures to address increasing public concern about construction nuisance. Should the risks materialise, they may affect the programme of the CWB construction works.</p> <p>In view of the many challenges and uncertainties ahead which may lead to works delay, the Highways Department will continue to work with its consulting engineers and resident site staff in closely monitoring the works progress, and strive to adopt appropriate measures to expedite the works, such as enhancing construction methods and sequences, with a view to commissioning the CWB</p>	<p>It is estimated that the project could be completed within APE.</p>

			project as early as possible.	
6.	6720TH	Widening of Tolo Highway/ Fanling Highway between Island House Interchange and Fanling – Stage 2	The works of the project were originally scheduled for completion in 2018. Due to the longer-than-expected time required for land resumption and clearance, the works of the project are now anticipated for completion in 2019.	It is estimated that the project could be completed within APE.
7.	3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	Project completion date was revised from December 2014 to April 2015 taking into consideration of extension of time claim for inclement weather.	Not applicable
8.	3016NB	Reprovisioning of Cape Collinson Crematorium	Project completion date was revised from December 2014 to November 2015 to reflect the deferment of Phase 2 works commencement as longer time was required for the testing and commissioning of Phase 1 cremators to cater for EPD requirements and Environment Permit conditions.	Not applicable
9.	3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	Project completion date was revised from June 2013 to target completion by the 1st quarter of 2016 because of the delay in foundation works due to unforeseen difficulty in underground condition with marble cavities underneath and inclement weather.	Not applicable
10.	3266RS	Redevelopment of Victoria Park Swimming Pool Complex	Project completion date was revised from December 2014 to July 2015 because of the deferred completion of the new swimming pool complex due to unforeseen underground condition during foundation works and inclement weather, and the late availability of site for part of the remaining facilities to suit the operation schedule of the existing swimming pool.	Not applicable
11.	5233DS	Sludge Treatment Facilities	Due to longer than expected tender process and construction period.	To cover the additional costs arising from increase in provision for price adjustment.
12.	4236DS	Tai Po sewage treatment works, stage 5 phase 2B	Inclement weather and late handover of sites.	Not applicable
13.	4329DS	Upgrading of Pillar Point sewage treatment works	Inclement weather.	Not applicable
14.	4341DS	Harbour Area Treatment Scheme, stage 2A –upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	Interface issue with sewage tunnel project.	Not applicable
15.	4348DS	North District and Tolo Harbour sewerage, sewage treatment and disposal – regional sewerage works, part 1	More time required for tender assessment and pump replacement works in existing pumping station to maintain its smooth operation.	Not applicable

		– sewerage upgrade		
16.	4369DS	Harbour Area Treatment Scheme, stage 2A – construction of the sewage conveyance system and advance works for upgrading of Stonecutters Island sewage treatment works	Shortage of labour and unforeseen underground condition.	Not applicable
17.	4371DS	Sewerage in western Tuen Mun	More time required to deal with increased traffic flow and unforeseen underground utilities and constraints.	Not applicable
18.	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	We cannot award a major construction contract under this project due to insufficient funding under the APE. Funding application for the increase in APE was not discussed by PWSC in 2013-14 legislative session, and was deferred to the 2014-15 legislative session. At PWSC meeting on 26 November 2014, the item was adjourned. At a subsequent PWSC meeting on 9 January 2015, the item was voted down.	Recent surge in construction prices, unforeseen poor ground condition for tunneling works, tenderers' perception of higher risks associated with construction constraints, and associated increase in provision for price adjustment and contingencies.
19.	B566CL	Development at Anderson Road	Extra time is needed to cater for the larger than expected quantity of rock excavation required, inclement weather and the enhancement of the footbridge system to be constructed under the project to improve pedestrian connectivity in response to request by DC members/ the public after upgrading the project to Category A.	Not applicable
20.	9186WC	Replacement and rehabilitation of water mains, stage 3	Traffic constraints, works interface with other projects and special circumstances.	Not applicable

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)047**

**(Question Serial No. 3242)**

Head: Capital Works Reserve Fund Heads 702, 703, 704, 705, 706, 707, 709 and 711

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

As regards the estimates for works programmes under Capital Works Reserve Fund Heads 702 to 711, please inform this Committee of the following:

- (a) How many works programmes have been launched later than scheduled in the 2013-14 and 2014-15 financial years due to the fact that the Administration failed to secure funding approval of the Finance Committee of the Legislative Council within the given periods?
- (b) Regarding question (a), what is the decrease in the annual project expenditure in each year?
- (c) Regarding question (a), what is the increase incurred in the overall project estimates?

Asked by: Hon LEUNG Che-cheung (Member Question No. 29)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

- (a) A total of 27 capital works projects were delayed in the 2013-14 legislative session due to the fact that their funding applications were not deliberated by the Legislative Council as originally scheduled.



(b) & (c)

The funding applications of the 27 projects were made in the 2013-14 legislative session but were not deliberated. As indicated in the 2014-15 Revised Estimates, the expenditure for these 27 projects in financial year 2014-15 would decrease by about \$1.4 billion. Also, there is an increase in project cost of about \$2.5 billion as reflected in the latest submissions to the Legislative Council for these projects.

On top of the above 27 projects, we intend to submit in 2014-15 legislative session funding applications for around 70 capital works projects under the Capital Works Reserve Fund with over 50 funding applications to be considered by the Public Works Subcommittee. As the 2014-15 legislative session is still ongoing, the amount of project cost increase due to the delay in funding approval could not be determined at the moment.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)048**

**(Question Serial No. 0239)**

Head: Capital Works Reserve Fund Heads 703, 704, 705, 706, 707, 709 and 711

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Administration inform this Committee the latest position of each of the funding proposals concerning public works projects submitted to the LegCo for 2013-14 and 2014-15? Please provide the information in tabular forms as provided below:

Financial Year 2013/14

No.	Project Code	Project Title	Number of jobs created for construction workers	Estimated number of jobs of professional / technical staff to be created by the works (approximation)	Tender validity Expiry date (if applicable)	Latest estimated date of completion (deferral length in terms of month, if any)	Latest cost estimate (% change in the project cost)
1							
2							
3							

Financial Year 2014/15

No.	Project Code	Project Title	Number of jobs created for construction workers	Estimated number of jobs of professional / technical staff to be created by the works	Tender validity Expiry date (if applicable)	Latest estimated date of completion (deferral length in	Latest cost estimate (% change in the

				(approximation)		terms of month, if any)	project cost)
1							
2							
3							

Asked by: Hon. Abraham SHEK Lai-him (Member Question No. 31)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

The funding proposals of public works projects including new projects, increase in Approved Project Estimate and block allocations which were approved by LegCo in the financial year 2013-14 are listed in the following table -

No.	Project Code	Project Title	Estimated no. of jobs of labourers to be created by the works (approx.)	Estimated no. of jobs of professional / technical staff to be created by the works (approx.)	Tender validity expiry Date [see note 1] (if applicable) (position as of 20.3.2015)	Latest estimated date of completion	Latest cost estimate [see note 2] (\$ million)
1	3112KA	Relocation of the Court of Final Appeal to No. 8 Jackson Road	189	18	N/A	Mar 2015	463.6
2	7862TH	Tseung Kwan O – Lam Tin Tunnel – detailed design and site investigation	29	44	N/A	Dec 2016	196.0
3	7448RO	Improvement works at Mui Wo, phase 1	95	20	N/A	Sep 2016	193.1
4	7731CL	Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping	208	51	N/A	Dec 2016	781.4
5	3269RS	Sports centre in Area 4, Tsing Yi	195	15	N/A	Jan 2017	774.8
6	3068GI	Relocation of the printing workshop of Government Logistics Department	322	33	N/A	Aug 2015	365.1
7	6857TH	Tuen Mun – Chek Lap Kok Link – construction works	9 900	2 290	N/A	End 2018	44,798.4
8	3277LP	Reprovisioning of Yau Ma Tei Police Station	298	35	N/A	Feb 2016	982.9
9	6720TH	Widening of Tolo	805	190	N/A	2019	4,320.0

		Highway/Fanling Highway between Island House Interchange and Fanling—Stage 2					
10	5045CG	District Cooling System at the Kai Tak Development	200	50	N/A	On or before Q4 2017 by stage	3,145.9 [see note 3]
11	7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport	625	160	N/A	Jun 2017	2,255.3
12	6173TB	Extension of the CITIC Tower Footbridge to the Legislative Council Complex at Tamar	45	7	N/A	Nov 2015	74.3
13	3349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development, Kowloon	167	13	N/A	Sep 2015	312.4
14	3350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development, Kowloon	168	12	N/A	Sep 2015	317.5
15	4395DS	Tolo Harbour sewerage of unsewered areas, stage 2 phase 1	80	20	N/A	Sep 2017	364.7
16	4396DS	Sewerage in Nam Wa Po and Wai Tau Tsuen	75	15	N/A	Sep 2017	319.1
17	4397DS	Outlying Islands sewerage, stage 2 – Lamma village sewerage phase 2, package 1	78	18	N/A	Jul 2018	340.2
18	7279RS	Cycle tracks connecting North West New Territories with North East New Territories – Tuen Mun to Sheung Shui section (Stage 1)	83	17	N/A	End 2016	295.4
19	4169CD	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East – main works	230	50	N/A	Dec 2017	1,244.3
20	5114AP	Providing sufficient water depth for Kwai Tsing Container Basin and its approach channel	20	44	N/A	Dec 2015	488.2
21	9096WC	Water supply to Pak Shek Kok reclamation area, Tai Po—stage 2	43	7	N/A	Dec 2016	162.7
22	6579TH [see note 4]	Central—Wan Chai Bypass and Island Eastern Corridor Link	5 225 [see note 4]	1 175 [see note 4]	N/A	[see note 5]	36,038.9 [see note 6]

23	-	2014-15 Block allocations and supplementary provision for block allocations in 2013-14	10 350	670	-	-	8,528.1
24	7017CX	Signature Project Scheme (block allocation)	-	-	-	-	29.0
25	7160TB	Footbridge across Po Yap Road linking Tseung Kwan O Area 55 and Area 65	74	18	N/A	Mid 2016	80.5
26	B742CL	Main engineering infrastructure in association with the proposed developments in Area 56, Tung Chung	42	16	N/A	May 2016 (Deferred by 3 months)	54.8
27	7774CL	Development of Anderson Road Quarry site – detailed design and site investigations	36	40	N/A	Jun 2018	187.2
28	B195SC	Community hall at Sau Ming Road, Kwun Tong	64	7	N/A	Sep 2018	134.9

Note 1: “N/A” means that the tender has been awarded or the project has not been tendered yet.

Note 2: “Latest cost estimate” refers to the “Approved Project Estimate (APE)” approved by LegCo

Note 3: Funding approval from the LegCo has been secured for Phases I, II and IIIA of the project at an APE of \$3,145.9 million in money-of-the-day (MOD) prices. On the basis of the latest development schedule of Kai Tak Development, the project cost for all phases (including the remaining works under Phase III) is estimated to be \$4,945.5 million in MOD prices.

Note 4: It was a funding application for increase in APE. The estimated numbers of jobs of labourers and professional / technical staff to be created by the works of the project remained the same as those stated in the funding application for upgrading the project to Category A as approved by LegCo in the 2008-09 legislative session.

Note 5: The Highways Department has been endeavouring to commission the Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB) in 2017 as originally scheduled. In view of the many challenges and uncertainties ahead which may lead to works delay, the Highways Department will continue to work with its consulting engineers and resident site staff in closely monitoring the works progress and strive to adopt appropriate measures to expedite the works with a view to commissioning the CWB as early as possible.

Note 6: This is the revised APE. Funding application for increase in APE by \$7,934.3 million was approved by LegCo in the 2013-14 legislative session.

The funding proposals of public works projects including new projects and block allocations which were approved by LegCo in financial year 2014-15 are listed in the following table -

No.	Project Code	Project Title	Estimated no. of jobs of labourers to be created by the works (approx.)	Estimated no. of jobs of professional / technical staff to be created by the works (approx.)	Tender validity expiry Date [see note 1] (if applicable) (position as of 20.3.2015)	Latest estimated date of completion (approx. deferral length in terms of month, if any)	Latest cost estimate [see note 2] (approx. % change in the project cost, if any) (\$ million)
1	7284RS	Signature Project	0	0	N/A	Mid 2016	7.7

		Scheme (Kwai Tsing District)- Enhancement of Community Healthcare-Installation of Information Kiosks and Fitness Equipment					
2	5047CG	Greening master plans for New Territories South east and North west - priority greening works	136	37	N/A	Oct 2017	350
3	7865TH	Cross Bay Link, Tseung Kwan O	11	30	N/A	End 2016	68.3
4	7772CL	Advance Site Formation and Engineering Infrastructure Works at Kwu Tung North New Development Area and Fanling North New Development Area	12	61	N/A	2021	340.8
5	4401DS	Feasibility study on relocation of Sham Tseng sewage treatment works to caverns	5	17	N/A	Aug 2016	39.2
6	4402DS	Feasibility study on relocation of Sai Kung sewage treatment works to caverns	5	18	N/A	Aug 2016	40.6
7	4407DS	Relocation of Sha Tin sewage treatment works to caverns	50	25	N/A	End 2022	637.7
8	9195WC	Feasibility study on relocation of Diamond Hill fresh water and salt water service reservoirs to caverns	6	21	N/A	Dec 2016	46.0
9	5172DR	Organic waste treatment facilities phase 1	514	81	N/A	Mid 2017 (6 months)	1,589.2 (3.7%)
10	5164DR	Southeast New Territories landfill extension	277	74	N/A	2025 (6 months)	2,101.6 (5.4%)
11	5163DR	Northeast New Territories landfill extension	540	142	N/A	2030 (6 months)	7,510.0 (2.6%)
12	5181DR	West New Territories landfill extension – consultants' fees and investigations	2	10	N/A	2021 (6 months)	38.0 (3.3%)
13	5177DR	Development of integrated waste management facilities, phase 1	3 250	700	N/A	2022-23 (12 months)	19,203.7 (5.3%)
14	7770CL	Planning, engineering and architectural study for topside development at Hong Kong boundary crossing facilities island of Hong Kong Zhuhai Macao Bridge	4	33	N/A	Feb 2017 (5 months)	63.4 (2.4%)
15	7756CL	Ma On Shan development—roads,	132	32	N/A	Dec 2017 (6 months)	252.8 (4.0%)

		drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2					
16	6855TH	Road improvement works for West Kowloon Reclamation Development (Phase 1)	222	53	1 Apr 2015	Mid 2018 (8 months)	845.8 (4.0%)
17	5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	251	40	3 Apr 2015	Mid 2017 (7 months)	548.6 (2.3%)
18	3065JA	Construction of Rank and File Quarters for Customs and Excise Department at Yau Yue Wan Village Road, Tseung Kwan O	215	36	1 Aug 2015	Jan 2018 (6 months)	604.8 (2.6%)
19	3056RG	Government Complex in Area 14 (Siu Lun), Tuen Mun	340	28	N/A	Feb 2019 (8 months)	1,250.7 (4.1%)
20	3354EP	A 36- classroom primary school in Area 36, Fanling	185	23	25 Jul 2015	May 2017 (7 months)	417.2 (4.7%)
21	3108ET	Two Special Schools at Sung On Street, To Kwa Wan	239	28	8 Aug 2015	Sep 2017 (6 months)	484.0 (4.5%)
22	3107ET	A school for social development for girls at Choi Hing Road, Kwun Tong, Kowloon	162	13	1 Aug 2015	Aug 2017 (7 months)	373.7 (4.4%)
23	-	2015-16 Block allocations and supplementary provision for block allocations in 2014-15	12 400	800	-	-	9,036.9
24	B197SC	Reprovisioning of Pak Tin Community Hall and special child care centre-cum-early education and training centre in Pak Tin Estate redevelopment site, and construction of footbridge link at Nam Cheong Street, Sham Shui Po	170	15	N/A	Oct 2018 (17 months)	318.3 (6.6%)
25	3273RS	Sports centre in Area 24D, Sha Tin	250	24	N/A	Oct 2018 (9 months)	639.7 (5.8%)
26	4406DS	Shek Wu Hui sewage treatment works – further expansion phase 1A—advance works, consultants’ fees and investigation	76	44	23 Jul 2015	Jun 2018 (8 months)	502.7 (4.4%)
27	6810TH	Retrofitting of noise barriers on Tuen Mun Road (Town Centre Section)	233	55	28 Jul 2015	Q1-2019 (15 months)	826.5 (32.6%)

Remark:

- (i) No funding application for increase in Approved Project Estimate was approved in fiscal year 2014/15.
- (ii) The delay in project completion and extra costs are assessed based on the latest estimates against the original proposals in the 2013/14 legislative session.

Note 1: "N/A" means that the tender has been awarded or the project has not been tendered yet.

Note 2: "Latest cost estimate" refers to the "Approved Project Estimate" approved by LegCo.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)049**

**(Question Serial No. 1511)**

Head: Capital Works Reserve Fund Heads 703, 704, 705, 706, 707, 709 and 711

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The main responsibilities of the Development Bureau (Works Branch) (DEVB(WB)) are to formulate works policies; to monitor implementation of public sector infrastructure development and works programmes; to roll out industry reform initiatives; and to provide legal services for these matters. In view of the unsatisfactory progress of the Public Works Subcommittee (PWSC) and the Finance Committee (FC) of the Legislative Council in 2013-14 and 2014-15. Please inform this Committee of the following:

(1) Regarding the major public works projects undertaken by the DEVB(WB), please set out the projects that have not been deliberated by PWSC and/or FC as scheduled in 2013-14 and 2014-15, the amount of project costs involved, including the amount of cost overruns with detailed reasons, such as withdrawal of papers, rejection of projects or adjournment of meetings, the number of supervisors deployed by DEVB for each project and the related expenditure.

(2) The Liantang/Heung Yuen Wai Boundary Control Point project and the strategic studies for artificial islands in the central waters were rejected or withdrawn in PWSC. When does the DEVB plan to submit funding applications again to PWSC or directly to FC?

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. 23)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

(1) Funding applications of 27 capital works projects were made in the 2013-14 legislative session but were not deliberated by PWSC and/or FC. Out of these 27 projects, only five are undertaken by DEVB(WB). They are shown in the table below –

Table - Funding applications of capital works projects undertaken by DEVB(WB) not deliberated by PWSC or FC as scheduled in the 2013-14 legislative session

No	Project Code	Project Title	Funding applied (\$ million)	Remarks
1	7770CL	Planning, engineering and architectural study for topside development at Hong Kong boundary crossing facilities island of Hong Kong–Zhuhai–Macao Bridge	61.9	Not dealt with by FC
2	5768CL	Strategic studies for artificial islands in the central waters	226.9	Deliberation in PWSC was not finished at the end of the legislative session
3	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	8,196.6*	Not dealt with by PWSC
4	5751CL	Planning and engineering study on Sunny Bay reclamation	96.0	Not dealt with by PWSC
5	5769CL	Pilot study on underground space development in selected strategic urban areas	68.4	Not dealt with by PWSC

\*increase in Approved Project Estimate (APE) from the original APE of \$16,253.2 million

In the beginning of the 2014-15 legislative session, on top of the 27 items carried over from the last legislative session, we had intended to submit funding applications for around 70 capital works projects. However, due to the slow progress of funding approval at the moment, there are over 50 funding applications to be processed by PWSC as of now. As the 2014-15 legislative session is still ongoing, we will strive to submit the funding applications of the remaining projects in the coming months. At this stage, we are not able to forecast the funding applications that will not be deliberated in this legislative session but will be deferred to the next legislative session.

As regards the number of supervisors deployed, as supervision of the concerned projects is only part of the overall duties of relevant officers, we are not able to provide a separate breakdown of the resources solely on the projects in question.

(2) Depending on the circumstances such as the progress of examination of items by FC and PWSC, the status of the concerned items, and the overall benefits to the community, we will seek funding approval again from the Legislative Council as soon as practical.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)050**

**(Question Serial No. 0396)**

Head: Capital Works Reserve Fund Heads 703, 704, 705, 706, 707, 709 and 711

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Financial Secretary stated in the Budget Speech that \$70 billion would be earmarked for capital works, and pointed out that they were “concerned about the sluggish progress of deliberation in LegCo since the last session. This has resulted in the mounting of backlog of funding proposals.” In this connection, will the Government inform this Council:

- a. In 2014-15, the number of public works projects for which (i) commencement was delayed, (ii) tender exercises were not conducted as scheduled and (iii) re-tendering was required due to the expiry of the tender validity periods, as a result of the sluggish progress of vetting and approval of the relevant funding applications by this Council's Finance Committee and the Public Works Subcommittee, and set out in a table the names and current status of these projects and the extra costs so incurred;
- b. as at 4 March 2015, the number of public works projects in the last session for which commencement or funding applications were delayed to 2015-16 as a result of the sluggish progress of vetting and approval by this Council's Finance Committee and the Public Works Subcommittee; and
- c. whether the \$70 billion earmarked includes the amount to cope with the rising costs of works projects due to possible serious delays?

Asked by: Hon WONG Kwok-hing (Member Question No. 34)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

Public works investment helps propel Hong Kong's economic development, create job opportunities, improve people's quality of life, enhance Hong Kong's long-term competitiveness, and thus lays a solid foundation for our sustainable development in future. The current slow progress in funding approval will increase the cost of the projects and also decrease the expenditure in capital works in the coming few years.

- (a) Funding applications of the following 27 capital works projects were made in the 2013-14 legislative session but were not deliberated/approved. This has given rise to delay in the commencement of these projects by more than 6 months on average. Also, there is an increase in project cost of about \$2.5 billion as reflected in the latest submissions to the Legislative Council Finance Committee (FC) for these projects. The current status and the impact on the tender exercise if any, are also provided in the following table.

No.	Project Code	Project Title	Impact on Tender Exercise*	Current Status
1	5172DR	Organic waste treatment facilities phase 1	Tender validity extended	Approved by FC in 2014-15 legislative session
2	5164DR	Southeast New Territories landfill extension	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
3	5163DR	Northeast New Territories landfill extension	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
4	5181DR	West New Territories landfill extension –consultants' fees and investigations	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
5	5177DR	Development of integrated waste management facilities, phase 1	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
6	7770CL	Planning, engineering and architectural study for topside development at Hong Kong boundary crossing facilities island of Hong Kong Zhuhai Macao Bridge	Tender validity extended	Approved by FC in 2014-15 legislative session
7	7756CL	Ma On Shan development—roads, drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
8	6855TH	Road improvement works for West Kowloon Reclamation Development (Phase 1)	Tender validity extended	Approved by FC in 2014-15 legislative session
9	5180DR	Development of waste electrical and electronic equipment treatment and recycling facility	Tender validity extended	Approved by FC in 2014-15 legislative session
10	3065JA	Construction of rank and file quarters for Customs and Excise Department at Yau Yue Wan Village Road, Tseung Kwan O	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
11	3056RG	Government Complex in Area 14 (Siu Lun), Tuen Mun	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
12	3354EP	A 36-classroom primary school in Area 36, Fanling	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
13	3108ET	Two special schools at Sung On Street, To Kwa Wan	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session

14	3107ET	A school for social development for girls at Choi Hing Road, Kwun Tong, Kowloon	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
15	B197SC	Reprovisioning of Pak Tin Community Hall and special child care centre-cum-early education and training centre in Pak Tin Estate redevelopment site, and construction of footbridge link at Nam Cheong Street, Sham Shui Po	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
16	3273RS	Sports centre in Area 24D, Sha Tin	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
17	4406DS	Shek Wu Hui sewage treatment works—further expansion phase 1A- advance works, consultants' fees and investigation	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
18	6810TH	Retrofitting of noise barriers on Tuen Mun Road (Town Centre Section)	Tender validity extended	Approved by FC in 2014-15 legislative session
19	4160DS 4346DS	Tuen Mun sewerage, stage 1 Upgrading of Tuen Mun sewerage, phase 1	Tendering not conducted as scheduled	Endorsed by PWSC and waiting for FC's approval
20	5769CL	Pilot study on underground space development in selected strategic urban areas	Tendering not conducted as scheduled	Endorsed by PWSC and to be submitted to FC
21	5751CL	Planning and engineering study on Sunny Bay reclamation	Tendering not conducted as scheduled	Rejected by PWSC
22	3237LP	Kowloon East Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Tender validity extended	Rejected by PWSC
23	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	Tender validity extended	Rejected by PWSC
24	5768CL	Strategic studies for artificial islands in the central waters	Tender validity extended	Withdrawn by the Government
25	7763CL-A	Integrated Basement for West Kowloon Cultural District – first stage of design and advance works	Not applicable	Withdrawn by the Government
26	8093EB	Construction of an Annex to Baptist Lui Ming Choi Secondary School, Shatin, New Territories	Tendering not conducted as scheduled	Approved by FC in 2014-15 legislative session
27	8003MQ	Refurbishment of Hong Kong Buddhist Hospital	Re-tendered	Funding application to be re-submitted in 2014-15 legislative session

\*Impact on tender exercise due to the funding application not deliberated/approved in 2013-14 legislative session.

- (b) In the beginning of the 2014-15 legislative session, on top of the 27 items carried over from the last legislative session, we had intended to submit funding applications for around 70 capital works items. However, due to the slow progress of funding approval at the moment, there are over 50 funding applications to be processed by the Public Works Subcommittee (PWSC) as of now. As the 2014-15 legislative session is still ongoing, we will strive to submit the funding applications of the remaining projects in the coming months. At this stage, we are not able to forecast the funding applications that will be deferred to the next legislative session.

- (c) The Draft Estimate for financial year 2015-16 has taken into account the latest estimates of the expenditures of the capital works projects.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)051**

**(Question Serial No. 1693)**

Head: (25) Architectural Services Department

Subhead (No. & title): (000) Operational expenses

Programme: Not specified

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

Under Head 25 of the Estimates (page 58), the expenses on “hire of services and professional fees” and “workshop services” of the Architectural Services Department have been decreasing, whereas the “general departmental expenses” have been increasing. What are the reasons?

Asked by: Hon CHAN Hak-kan (Member Question No. 42)

Reply:

From time to time, the Architectural Services Department initiates different consultancy studies with an aim of keeping abreast of the latest development in architectural and building industries as well as enhancing the efficiency and effectiveness of works. With the completion of some major studies in recent years, the expenditure in hire of services and professional fees shows a trend of gradual decrease. For the decrease in expenses in workshop services, it was mainly due to replacement of equipment which requires less frequent repairing services.

For the increase in general departmental expenses, it was mainly due to increase in requirement of system maintenance services and software licence renewal.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 0415)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

During 2015-16, the Architectural Services Department will promote roof greening and vertical greening, and enhance practices on greening, landscaping and tree management in government building works. In this connection, please advise this Committee:

- (1) the specific work plan involved;
- (2) will private buildings be involved; and if so, what are the details?
- (3) what is the estimated expenditure involved?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 13)

Reply:

- (1) and (3) It is the established practice of the Architectural Services Department (ArchSD) to include roof greening and vertical greening in its projects. In 2015-16, ArchSD will complete 19 roof greening projects on government buildings at an estimated expenditure of \$19.5 million as well as ten vertical greening projects on government buildings at an estimated expenditure of \$12 million.

On the enhancement of practices on greening, landscaping and tree management, ArchSD has been working in accordance with the policy and guiding requirements from the Development Bureau and will continue to do so in 2015-16. On greening and landscaping, ArchSD will continue to maximise greenery coverage, including roof greening and vertical greening, in government building projects. On tree management, ArchSD will continue to carry out tree risk assessment for the trees under its maintenance jurisdiction and those within the construction sites of its new works projects.



As government's technical adviser, ArchSD will promote best practices to government departments and quasi-government organisations of subvention projects. Guidelines on planning and design of greening systems have been prepared and regularly reviewed. ArchSD will also liaise closely with related professional institutes and organisations to enhance partnership and collaboration in promoting greening, landscaping and tree management in the industry.

- (2) ArchSD has no direct involvement in the greening, landscaping and tree management of private buildings.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)053**

**(Question Serial No. 0416)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

During 2015–16, the Architectural Services Department will promote universal accessibility in design. In this connection, will the Government inform this Committee of the details of this initiative (including the types of buildings and the districts covered as well as the timetable) and the estimated expenditure involved?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 14)

Reply:

We will continue to incorporate facilities for barrier free access in implementing public works projects in accordance with the current statutory requirements. We will also promote barrier free access design by offering technical advisory services to government departments and quasi-government organisations in respect of their subvention projects. As facilities for barrier free access have become an integral part of public works projects, there is no separate breakdown of expenditures involved.

As far as existing government buildings are concerned, the Architectural Services Department has been working closely with venue management departments to consider providing facilities for barrier free access during the delivery of refurbishment, alteration and improvement works as an on-going improvement measure. As improvement to barrier free access facilities will be undertaken as an on-going process, there is no estimated budget for this aspect at this stage.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)054****(Question Serial No. 0418)**Head: (25) Architectural Services DepartmentSubhead (No. & title): Not specifiedProgramme: (3) Facilities DevelopmentControlling Officer: Director of Architectural Services (K K LEUNG)Director of Bureau: Secretary for DevelopmentQuestion:

During 2015-16, the Architectural Services Department will plan and implement government facilities in Kai Tak, including hospitals, government offices, schools and recreational facilities. In this connection, will the Government tabulate the construction commencement and completion dates, and estimated expenditure of each of the government facilities?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 16)Reply:

The details of the government facilities at Kai Tak Development projects under planning and construction by the Architectural Services Department are as follows -

Item	Project No.	Project title	Project Progress	Project Commencement Date	Project Completion Date	2015-16 Estimated Expenditure (\$ million)
1.	3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	Construction works in progress	Jan 2012	Q2 2015	169.0
2.	3349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development	Construction works in progress	Nov 2013	Q3 2015	58.2
3.	3350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development	Construction works in progress	Nov 2013	Q3 2015	67.8

Item	Project No.	Project title	Project Progress	Project Commencement Date	Project Completion Date	2015-16 Estimated Expenditure (\$ million)
4.	8076MM	Hong Kong Children's Hospital at Kai Tak (formerly known as Establishment of the Centre of Excellence in Paediatrics)	Construction works in progress	Aug 2013	Q2 2017	1,488.0
5.	3237LP	Kowloon East Police Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Review in progress	Under review	Under review	Under review

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 1109)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

In promoting roof greening and vertical greening -

- (1) What are the expenditure and manpower required in 2015-16? What are the differences in expenditure and manpower arrangement as compared with 2014-15?
- (2) What are the specific work and projects to be carried out by the Department in 2015-16? What are the details, expenses and manpower required, and implementation timetable for individual projects?
- (3) Has the Department set any specific targets, including the number of greening projects, greening level by district and the effects of the greening projects on air quality, for roof greening and vertical greening? If yes, what are the details? What are the criteria for setting the targets? If no, what are the reasons? Will relevant targets be set in future?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 5)

Reply:

- (1) and (2) It is the established practice of the Architectural Services Department (ArchSD) to include roof greening and vertical greening in its projects. As government's technical adviser, ArchSD will promote best practices to government departments and quasi-government organisations of subvention projects. ArchSD will also liaise closely with related professional institutes and organisations to enhance partnership and collaboration in promoting roof greening and vertical greening in the industry.

ArchSD completed 11 roof greening projects on government buildings in 2014-15 at an expenditure of \$14 million, and six vertical greening projects on government buildings at an expenditure of \$2 million. In 2015-16, ArchSD will complete 19 roof greening projects on government buildings at an estimated expenditure of \$19.5 million as well as ten vertical greening projects on government buildings at an estimated expenditure of \$12 million.

In 2015-16, ArchSD will commence on site ten roof greening projects on government buildings at an estimated expenditure of \$10.1 million as well as six vertical greening projects on government buildings at an estimated expenditure of \$8.4 million. Details by commencement date and expenditure are given below –

<u>Roof greening projects to be commenced on site in 2015-16</u>		
Project Title	Anticipated Construction Start Date of Roof Greening	Estimated Expenditure (\$ million)
<u>New government building projects with roof greening</u>		
1 West Kowloon Law Courts Building	Q3 2015	4.5
2 Sports centre, community hall and district library in Area 14B, Sha Tin	Q3 2015	0.9
3 Public Library and Indoor Recreation Centre in Area 3, Yuen Long	Q3 2015	3.0
<b>Sub-total (A) =</b>		<b>8.4</b>
<u>Roof greening on existing government buildings</u>		
4 Kwei Chow Street Sitting-out-Area - Toilet Block	Q2 2015	0.1
5 Yau Tong Fire Station	Q2 2015	0.2
6 Perth Street Playground Management Office Block	Q2 2015	0.1
7 North Point Government Primary School - New Block	Q3 2015	0.3
8 Customs & Excise Training School	Q1 2016	0.3
9 Chung Hom Kok Fire Station	Q1 2016	0.4
10 Ngau Chi Wan Sports Centre	Q1 2016	0.3
<b>Sub-total (B) =</b>		<b>1.7</b>
<b>Total = Sub-totals (A) + (B) =</b>		<b>10.1</b>

<u>Vertical greening projects to be commenced on site in 2015-16</u>		
Project Title	Anticipated Construction Start Date of Vertical Greening	Estimated Expenditure (\$ million)
<u>New government building projects with vertical greening</u>		
1	West Kowloon Law Courts Building	Q3 2015
2	Sports centre, community hall and district library in Area 14B, Sha Tin	Q3 2015
<b>Sub-total (A) =</b>		<b>4.6</b>
<u>Vertical greening on existing government buildings</u>		
3	Kowloon Technical School	Q2 2015
4	Tai Nan Street Public Toilet cum Bathhouse	Q3 2015
5	Hennessy Road Government Primary School (Causeway Bay)	Q3 2015
6	Fanling Government Secondary	Q1 2016
<b>Sub-total (B) =</b>		<b>3.8</b>
<b>Total = Sub-totals (A) + (B) =</b>		<b>8.4</b>

ArchSD does not have staff specifically deployed for roof greening and vertical greening works. Existing staff are deployed to manage construction projects and to provide technical advisory services. There is no separate breakdown of the manpower involved.

- (3) ArchSD will follow the standards and requirements set by the Development Bureau. All new government building projects are required to achieve the minimum requirements on Site Coverage of Greenery, which include achieving a total Site Coverage of Greenery of 30 per cent for site areas of 20 000 square metres or more and 20 per cent for site areas less than 20 000 square metres. For existing buildings, ArchSD will continue to encourage the management departments of existing government buildings to consider installation of green roofs whenever there are major works involving the roofs of the buildings concerned and to extend the recommendation of vertical greening to the management departments of existing government buildings where practicable.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 1112)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

In vetting budget, design, tender documents and tender recommendations, and identifying non-conformities in tendering procedures -

- (1) The work is under the ambit of Subvented Projects Division of the Department. What is Division's existing establishment? What are the posts involved? Will there be an increase in the Division's number of staff in 2015-16? If yes, what is the number of staff to be increased? What are the posts involved?
- (2) What are the Division's criteria and guidelines for vetting tender documents and tender recommendations at present? Has the Department reviewed and amended the criteria and guidelines? If yes, when was the last time the review and amendment were made? What were the details? If no, what are the reasons? Will a review be made in future?
- (3) Will the Department amend the marking standard for design vetting? If yes, what are the amendments? What changes will the amendments bring to the overall marking standard? What are the estimated expenditure and manpower involved? If no, what are the reasons?
- (4) In addition to identifying non-conformities in tendering procedures, will the Department explore ways, including offering partial cash rebate as an incentive for bidders meeting a certain standard, to attract more young professionals and small and medium enterprises with limited resources to submit tenders?
- (5) Has the Department categorised by size the contractors who have submitted tenders before? If yes, what are the categories and number of companies? How many of them are small and medium enterprises? What are the relevant measures and follow-up actions taken by the Department in inviting tenders?

Asked by: Hon TSE Wai-chuen, Tony (Member Question No. 9)



Reply:

- (1) The Subvented Projects Division (SPD) of the Architectural Services Department (ArchSD) currently has 45 staff comprising 23 professional, 15 technical/supervisory and seven clerical staff in its establishment. It is headed by a chief professional officer. There will be no increase in staff number in SPD in 2015-16.
- (2) The principles underlying the procurement of subvented projects are to ensure that the cost effectiveness of projects and that their design and specification standards are comparable to similar government built projects.

Delivery of subvented projects mainly follows the principles and requirements as laid down in the relevant Government Financial Circulars, Technical Circulars and the subvention manuals/guidelines of the subventing bureaux/departments. ArchSD provides technical advice to the bureaux/departments when they conduct review to the circulars/manuals/guidelines.

- (3) For normal consultancy tenders, the tenderers are only required to provide their design approaches and ideas for assessment. For normal works tenders, design is not one of the assessment criteria except for Design and Build contracts, the design proposals of which will be assessed according to the established procedures and guidelines as laid down in the relevant Government Technical Circulars.
- (4) At present, there are channels for non-listed young consultants and small to medium sized contractors to work on government contracts. Non-listed consultant firms can work on small consultancies or joint-venture with the Government's listed consultants to work on larger consultancies. Similarly, small to medium sized contractors can work on construction contracts of different values. They can joint-venture with other contractors to work on the Government's larger construction contracts. On reimbursement of tender submission costs, ArchSD will follow the prevailing government policies.
- (5) For normal works contracts, the tenderer lists are drawn from the appropriate categories (by nature of works) and groups (by value of works) of the Government's lists of contractors. Contractors in Buildings Category Group A, B and C on the list may tender contracts of value up to \$75 million, \$185 million and value exceeding \$185 million respectively. In the past five years, 96 Groups A and B contractors participated in the tender for 470 ArchSD building contracts (including quotations). During the same period, 58 Group C contractors participated in the tender for 85 ArchSD building contracts. For subvented projects, the subvented organizations, as the works agents, will propose the tenderer lists (chosen from contractors listed on Buildings Department's Register) based on the nature/scale of projects. ArchSD does not have analysis on the tenderers participating in the tenders of subvented projects.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)057****(Question Serial No. 2609)**Head: (25) Architectural Services DepartmentSubhead (No. & title): Not specifiedProgramme: (3) Facilities DevelopmentControlling Officer: Director of Architectural Services (K K LEUNG)Director of Bureau: Secretary for DevelopmentQuestion:

With regard to “planning and implementing government facilities in Kai Tak, including hospitals, government offices, schools and recreational facilities”, please provide the current progress as well as the scheduled and latest anticipated completion dates for these projects.

Asked by: Hon WU Chi-wai (Member Question No. 4)Reply:

The details of the government facilities at Kai Tak Development projects under planning and construction by the Architectural Services Department are as follows -

Item	Project No.	Project title	Project Progress	Anticipated Project Completion Date (Original Completion Date, if different)
1.	3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	Construction works in progress	Q2 2015 (Q4 2014)
2.	3349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development	Construction works in progress	Q3 2015
3.	3350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development	Construction works in progress	Q3 2015

Item	Project No.	Project title	Project Progress	Anticipated Project Completion Date (Original Completion Date, if different)
4.	8076MM	Hong Kong Children's Hospital at Kai Tak (formerly known as Establishment of the Centre of Excellence in Paediatrics)	Construction works in progress	Q2 2017

Item	Project No.	Project title	Project Progress	Project Completion Date (Original)
5.	3237LP	Kowloon East Police Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Review in progress	Under review

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)058**

**(Question Serial No. 3285)**

Head: (703) Capital Works Reserve Fund : Buildings

Subhead (No. & title): (3013GB) Liantang / Heung Yuen Wai boundary control point and associated works – construction of boundary control point buildings and associated facilities

Programme: Not Specified

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

On the planning of the new control point at Liantang/Heung Yuen Wai, what is the latest progress and the timetable for completion? What is the estimated expenditure for the port facilities concerned?

Asked by: Hon YIU Si-wing (Member Question No. 42)

Reply:

*“According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund do not form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are not relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.”*

The proposed boundary control point will be constructed under the project 3013GB “Liantang / Heung Yuen Wai boundary control point and associated works – construction of boundary control point buildings and associated facilities.” The tender assessment for the building works contract is completed.

Subject to funding approval of the Finance Committee, we plan to commence construction works in the third quarter of 2015 for completion in end-2018. We estimate the capital cost of the project 3013GB to be \$8,811.9 million in money-of-the-day prices and the expenditure in the financial year 2015-16 to be \$212 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)059**

**(Question Serial No. 0148)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2015–16 under this programme, the Government has indicated that it will take forward the detailed feasibility study (DFS) for the Environmentally Friendly Linkage System for Kowloon East. Will the Government inform this Committee of the involved operational expenditure, establishment and estimated annual total emolument for the above matters in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 23)

Reply:

Operational expenses in 2015-16 under Head 33 for taking forward the DFS for the Environmentally Friendly Linkage System for Kowloon East are mainly personal emoluments of in-house staff working on the project. In 2015-16, a project team comprising one Senior Engineer and one Engineer, with the annual staff cost of about \$2.1 million in terms of notional annual mid-point salary value, will be responsible for taking forward the DFS including the preparation work for engagement of consultant for carrying out the DFS.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)060**

**(Question Serial No. 0150)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2015-16 under this programme, the Government has indicated that it will commence the strategic study on artificial islands in the central waters. Will the Government inform this Committee of:

- (1) the estimated operational expenditure involved for the above matters in 2015-16?
- (2) the responsible establishment and the estimated annual total emoluments for the above matters in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 25)

Reply:

Operational expenses involved under Head 33 for taking forward the strategic study on artificial islands in the central waters (the Study) are mainly personal emoluments of in-house staff working on the project. The Civil Engineering and Development Department will deploy three in-house professional staff in managing the Study, involving a staff cost of about \$1.8 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)061**

**(Question Serial No. 0151)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2015-16 under this programme, the Government has indicated that it will continue with the feasibility study on topside development on the Hong Kong Boundary Crossing Facilities Island of the Hong Kong-Zuhai-Macao Bridge. Will the Government inform this Committee of:

- (1) the estimated operational expenditure involved for the above matters in 2015-16?
- (2) the responsible establishment and the estimated annual total emoluments for the above matters in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 26)

Reply:

Operational expenditure involved in the study is mainly personal emoluments of in-house staff. In the Civil Engineering and Development Department, there are mainly 4 in-house professional staff involved in managing the study. The estimated overall personal emoluments of these staff in 2015-16 are about \$3.9 million. In addition, there are officers at senior management levels overseeing this study among other projects, as well as technical and clerical staff involved in providing support to the study. There is no separate breakdown for the personal emoluments of such staff involved.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)062**

**(Question Serial No. 3217)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

During 2015-2016, the number of land formation and infrastructure projects under planning, design and construction will be 196. Please list out in details for each case the location, development details, number of staff employed (including the imported foreign workers) and completion date.

Asked by: Hon HO Sau-lan, Cyd (Member Question No. 67)

Reply:

Out of the 196 numbers of land formation and infrastructure projects under planning, design and construction in 2015, there are 57 projects with works either in progress or to commence in 2015-16 subject to funding approval. The details of these projects are shown in the following table. A total of 38 imported foreign workers have recently been approved for PWP No. 677CL "Wan Chai Development phase 2 — engineering works" but have not yet been employed pending completion of the recruitment procedures.

No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
1	354CL	West Kowloon Reclamation — consultants' fees and site investigation	West Kowloon	Design	9	Dec 2020
2	019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works — site formation and infrastructure works	North & Tai Po	Construction	2 864	Dec 2018 (Subject to approval of the Finance Committee to increase the



No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
						Approved Project Estimate)
3	168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works - regulation of Shenzhen River stage IV	North	Construction	155	Sep 2017
4	258RS	Development of a bathing beach at Lung Mei, Tai Po	Tai Po	Construction (Suspended)	To be determined	To be determined
5	750CL	Study on long-term strategy for cavern development	Territory-wide	Study	14	Oct 2015
6	751CL*	Planning and engineering study on Sunny Bay reclamation	Islands	Study	To be determined	Under review
7	762CL	Site formation and associated infrastructural works for development of columbarium, crematorium and related facilities at Sandy Ridge Cemetery - detailed design and site investigation	North	Design	27	Sep 2016
8	767CL*	Planning and engineering study on reclamation at Lung Kwu Tan	Tuen Mun	Study	To be determined	Under review
9	768CL*	Strategic Studies for Artificial Islands in the Central Waters	Islands	Study	To be determined	Under review
10	769CL*	Pilot Study on Underground Space Development in Selected Strategic Urban Areas	Territory-wide	Study	To be determined	end 2017
11	065TR*	Detailed Feasibility Study for Environmentally Friendly Linkage System for Kowloon East	Kowloon East	Study	To be determined	mid 2017
12	160TB	Footbridge across Po Yap Road linking Tseung Kwan O Area 55 and Area 65	Tseung Kwan O	Construction	92	Jun 2016
13	167CD	Kai Tak development - Reconstruction and Upgrading of Kai Tak Nullah	Kai Tak area	Construction	465	Apr 2018
14	181TB	Kwun Tong Town Centre redevelopment - provision of grade-separated pedestrian linkages (Yuet Wah Street pedestrian linkage)	Kwun Tong	Construction	68	Oct 2015

No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
15	213CL*	Engineering works for Ha Mei San Tsuen village expansion area	Yuen Long	Design	To be determined	early 2018
16	259RS*	Cycle tracks connecting North West New Territories with North East New Territories - Tuen Mun to Sheung Shui section (Remaining)	Tuen Mun, Yuen Long and North	Design	To be determined	end 2019
17	276RS	Cycle track between Tsuen Wan and Tuen Mun — detailed design and site investigation (advance and stage 1 works)	Tsuen Wan and Tuen Mun	Design	6	Dec 2016
18	279RS	Cycle tracks connecting North West New Territories with North East New Territories - Tuen Mun to Sheung Shui section (Stage 1)	Tuen Mun, Yuen Long and North	Construction	100	Dec 2016
19	394CL	Sha Tin New Town, stage II — servicing and extension of Pai Tau Village in Area 6A	Sha Tin	Design	To be determined	Under review
20	448RO	Improvement Works at Mui Wo, Phase 1	Islands	Construction	115	Sep 2016
21	458CL	Sha Tin New Town, stage 2 — construction of Road T3	Sha Tin	Construction	757	mid 2015
22	570CL*	Ground decontamination works at the site of Ex-Kennedy Town incineration plant/abattoir and adjoining area	Western	Design	To be determined	end 2022
23	663CL	Site investigation works and consultants' fees for remaining engineering infrastructure works for Pak Shek Kok development	Tai Po	Design	18	Mar 2017
24	677CL	Wan Chai Development phase 2 — engineering works	Wan Chai	Construction	2260	Jun 2017
25	686CL	Consultants' fees and site investigation for site formation, roads and drains in Area 54, Tuen Mun—phase 2	Tuen Mun	Design	30	Dec 2016
26	694CL	South East Kowloon development at Kai Tak Airport — consultants' fees	Kai Tak area	Design	115	Dec 2017

No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
		and site investigation				
27	696CL	Wan Chai development phase 2 — engineering works: consultants' fees and site investigation	Wan Chai	Construction	104	Jun 2017
28	711CL*	Kai Tak development - infrastructure works for developments at the southern part of the former runway	Kai Tak area	Design	To be determined	end 2019
29	712CL	Planning and engineering study on the remaining development in Tung Chung	Islands	Study	22	Sep 2015
30	724CL	Kai Tak development — investigation and detailed design for advance infrastructure works for developments at the southern part of the former runway	Kai Tak area	Design	90	Dec 2015
31	728CL	Preservation of Queen's Pier	Central	Design	68	Apr 2018
32	731CL	Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping, Shek Kip Mei	Sham Shui Po	Construction	259	Dec 2016
33	733CL	Hung Shui Kiu New Development Area Planning and Engineering Study	Yuen Long	Study	40	Jun 2016
34	738CL	Kai Tak development — detailed design and site investigation for Kai Tak approach channel and Kwun Tong typhoon shelter improvement works	Kai Tak area	Design	47	Dec 2016
35	740CL	Kai Tak development — detailed design and site investigation for remaining infrastructure works for developments at the former runway	Kai Tak area	Design	18	Dec 2017
36	744CL	Formation, roads and drains in Area 54, Tuen Mun — phase 2 stage 1 works	Tuen Mun	Construction	170	end 2015
37	746CL	Kai Tak development — stage 2 infrastructure at north apron area of Kai Tak Airport	Kai Tak area	Construction	170	Oct 2015

No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
38	752CL	Planning and engineering study for housing sites in Yuen Long south - consultants' fees and site investigation	Yuen Long	Study	27	Dec 2016
39	753CL	Infrastructure Works for West Kowloon Cultural District Phase 1 - Design and Site Investigation	West Kowloon	Design	41	Dec 2017
40	755CL	Formation, roads and drains in Area 54, Tuen Mun — phase 2 stage 2 works	Tuen Mun	Construction	85	Mar 2016
41	756CL*	Ma On Shan Development — Roads, drainage and sewerage works at Whitehead and Lok Wo Sha, phase 2	Ma On Shan	Design	To be determined	end 2017
42	761CL	Kai Tak development - stages 3A and 4 infrastructure works at north apron area of Kai Tai Airport	Kai Tak area	Construction	785	Jun 2017
43	770CL	Planning, engineering and architectural study for topside development at Hong Kong boundary crossing facilities island of Hong Kong-Zhuhai-Macao Bridge	Islands	Study	37	Feb 2017
44	772CL	Advance site formation and engineering infrastructure works at Kwu Tung North new development area and Fanling North new development area - detailed design and site investigation	North	Design	73	Mar 2021
45	774CL	Development of Anderson Road Quarry site - detailed design and site investigations	Sai Kung	Design	76	Jun 2018
46	788CL*	Formation, roads and drains in Area 54, Tuen Mun - phase 1 stage 1 works	Tuen Mun	Design	To be determined	end 2019
47	789CL*	Formation, roads and drains in Area 54, Tuen Mun - phase 2 stages 3 & 4A works	Tuen Mun	Design	To be determined	end 2019

No.	PWP No.	Project Title	Location	Project Development Status	Approximate No. of Jobs Created	Target Completion Date
48	790CL*	Infrastructure Works for West Kowloon Cultural District, phase 1 - construction (package one)	West Kowloon	Design	To be determined	end 2018
49	791CL*	Integrated Basement for West Kowloon Cultural District - design, site investigation and advance works	West Kowloon	Design	To be determined	end 2019
50	841TH	Trunk Road T2 – investigation and design	Kwun Tong	Design	67	end 2017
51	842TH	Tsuen Wan Bypass, widening of Tsuen Wan Road between Tsuen Tsing Interchange and Kwai Tsing Interchange and associated junction improvement works – detailed design	Tsuen Wan	Design	42	Under Review
52	862TH	Tseung Kwan O — Lam Tin Tunnel - detailed design and site investigation	Tseung Kwan O, Kwun Tong	Design	73	Dec 2016
53	865TH	Cross Bay Link, Tseung Kwan O - detailed design and site investigation	Tseung Kwan O	Design	41	end 2016
54	869TH*	Widening of Tai Po Road (Sha Tin Section) - detailed design and site investigation	Sha Tin	Design	To be determined	end 2017
55	566CL	Development at Anderson Road	Kwun Tong	Construction	1135	May 2016
56	742CL	Main engineering infrastructure in association with the proposed developments in Area 56, Tung Chung	Islands	Construction	58	Feb 2016
57	757CL*	Roads and drains in Area 16 and Area 58D, Sha Tin	Sha Tin	Design	To be determined	mid 2018

*Remark: \* Projects planned to commence in 2015-16.*

For the remaining 139 projects, 61 of them are in early planning or design stage and firm details of these projects are not yet available. The other 78 projects have been substantially completed and are currently at the finalisation stage.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)063**

**(Question Serial No. 1799)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the Matters Requiring Special Attention in 2015–16, it is mentioned that the construction works will be continued for the cycle track network between Tuen Mun and Sheung Shui, and the investigation and design will be continued for several sections of the comprehensive cycle track network in the New Territories.

In fact, in 2008, the HKSAR Government put forward a proposal to construct a “super cycle track” of over 100 km long. It was then expected to be completed progressively from mid-2012 onwards. However, there is delay in several items of works at present. The Sheung Shui to Tuen Mun section cannot catch up with the schedule to be completed in July 2013 and the works are still in progress. Regarding the Sheung Shui to Tuen Mun section, does the Government have any timetable of completion? Are there target completion dates for the works of other branching off sections?

Asked by: Hon IP Kwok-him (Member Question No. 6)

Reply:

To enable early enjoyment by the public, we have been implementing the cycle track network in phases. The new cycle track section from Fanling to Tai Po was open to public in March 2014 and cycle entry / exit hubs at Sheung Shui and Sha Tin were also open for public use in December 2014. Construction of Stage 1 works of the Sheung Shui to Tuen Mun section commenced in November 2013 for completion in end 2016. Subject to funding approval by the Finance Committee, the construction of the remaining works of the Sheung Shui to Tuen Mun section is planned to commence in late 2015 for completion in end 2019. The implementation programme of the Tsuen Wan to Tuen Mun section and the branching-off sections are under review.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)064**

**(Question Serial No. 0271)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

For the planning and engineering study for nearshore reclamation at Lung Kwu Tan to be commenced next year, what are the relevant expenditure and the anticipated time for its completion?

Asked by: Hon LAU Wong-fat (Member Question No. 13)

Reply:

The planning and engineering (P&E) study for nearshore reclamation at Lung Kwu Tan is estimated at about \$78 million.

The Civil Engineering and Development Department will carry out a technical study first to determine the engineering feasibility of the Lung Kwu Tan reclamation and hence the scope and programme of the subsequent P&E study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)065**

**(Question Serial No. 1065)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

The 2015-16 establishment ceiling of non-directorate posts rises from 1 764 as at 31 March 2015 to 1 779 as at 31 March 2016, representing an increase of 15 posts. Please advise:

1. what the new posts and the annual expenditure for the increase in establishment are; and
2. what the current total establishment and the annual expenditure are.

Asked by: Hon LO Wai-kwok (Member Question Number: 3)

Reply:

1. In 2015-16, discounting 5 time-limited posts that will lapse, 15 non-directorate new posts will be created including 3 Senior Engineers, 7 Engineers/Assistant Engineers, 1 Senior Technical Officer (Civil), 2 Technical Officers/Technical Officer Trainees (Civil), 1 Executive Officer I and 1 Motor Driver. The annual staff cost for the net increase of the 15 posts is \$10.2 million in terms of notional annual mid-point salary value.
2. The non-directorate establishment of the Civil Engineering and Development Department as at 31 March 2015 is 1 764 and the relevant annual staff cost is \$829.9 million in terms of notional annual mid-point salary value.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)066**

**(Question Serial No. 1066)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (4) Slope Safety and Geotechnical Standards  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

- (1) What is the number of existing man-made slopes and natural hillside, and has the Government assessed how many of them have potential hazards? What are the Government's plans to handle these hazardous slopes and hillsides and how much time will be required?
- (2) During the past three years, what is the number of landslide accidents happened on the government's natural hillsides, man-made slopes and retaining walls, and what is the number of casualties involved?
- (3) During the past three years, what is the number of landslide accidents happened on the private natural hillsides, man-made slopes and retaining walls, and what is the number of casualties involved?
- (4) Has the government planned to strengthen the inspection and other related measures for the government and private slopes before the arrival of the wet season? What are the estimated input of manpower and expenditures?
- (5) Regarding the raising of public awareness on landslide risk arising from natural hillside and man-made slopes, what are the specific implementation details of the current public education campaign and what are the input of expenditures and manpower?

Asked by: Hon LO Wai-kwok (Member Question No. 4)

Reply:

(1) There are about 60 000 man-made slopes in Hong Kong. After more than 30 years of sustained effort in uplifting slope safety, the high-risk substandard man-made slopes affecting buildings and major roads have largely been dealt with. Landslide risk in Hong Kong has significantly been reduced, as reflected by the reducing landslide fatality trend in recent years. In order to maintain a reasonably low level of landslide risk that is

commensurate with the international best practice in risk management, about 150 government man-made slopes which are at a more advanced state of deterioration will be upgraded each year under the Landslip Prevention and Mitigation Programme (LPMitP) administered by the Civil Engineering and Development Department (CEDD). In addition, safety screening will be carried out on 100 private man-made slopes. Natural hillside covers about 60% of the area of Hong Kong. Each year, landslide risk mitigation works will be implemented to 30 hillside catchments with potential hazards according to their priority under the LPMitP.

(2) & (3) Over the past three years, the number of reported landslides occurred on natural hillside, and registered government and private man-made slopes and retaining walls are as follows:

Year	Number of reported landslides on natural hillside and registered government man-made slopes and retaining walls	Number of reported landslides on registered private man-made slopes and retaining walls
2012	106	13
2013	163	13
2014	169	9

Whilst we do not have record of the number of injuries arising from the reported landslides, there was no landslide involving fatality in the past three years.

(4) The government slope maintenance departments (SMDs) carry out periodic maintenance inspections to every government man-made slope and undertake the necessary maintenance works accordingly. Before the wet season each year, SMDs will take precautionary actions against heavy rainfall. The SMDs will complete the maintenance inspection and maintenance works before the onset of the wet season as far as possible. The expenditure on maintenance of government slopes in 2014-15 is about \$900 million. A total of about 250 staff is deployed for various slope-related activities by the key SMDs. There is no breakdown of the resources deployed for slope maintenance before the wet season. Inspection and maintenance of private slopes are the responsibility of their owners. CEDD has an on-going year round public education programme to remind private owners of the importance of slope inspection and maintenance. Public education will be stepped up prior to the onset of the wet season, e.g. pre-wet season media briefings, reminder-letters to private slope owners, exhibitions and special arrangements for broadcasting the relevant TV and Radio Announcement of Public Interests (API).

(5) The current public education activities to raise the public awareness on landslide risk arising from natural hillside and man-made slopes include:

- Television and Radio API;
- Roving exhibitions and slope safety seminars;
- Proactive media briefings;
- Talks and exhibitions in schools and special activities for school students;
- Promulgation of slope safety information on HK Slope Safety Website;

- Hotline for slope safety enquiries.

The expenditure in 2014-15 for the public education activities is about \$2 million. The public education team consists of one Senior Geotechnical Engineer and two Geotechnical Engineers with the assistance of technical staff.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)067**

**(Question Serial No. 2740)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not Specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

Regarding the Matters Requiring Special Attention in 2015–16, it is mentioned that the preliminary integrated development study in association with relocation of Sai Kung Sewage Treatment Works be continued. Please list out the detailed information on the expenditure involved, progress of the study, preliminary development plan, etc.

Asked by: Hon QUAT Elizabeth (Member Question No. 69)

Reply:

The Civil Engineering and Development Department (CEDD) commenced the study on “Preliminary integrated development study on reclamation in association with relocation of Sai Kung Sewage Treatment Works” in November 2014 for completion in February 2016. The consultants’ fees are estimated at \$14.1 million. The CEDD plans to formulate the draft initial conceptual development proposal in the third quarter of 2015.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)068**

**(Question Serial No. 2742)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (5) Greening and Technical Services

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the expenditure on greening works implemented under the greening master plans (GMPs) in 2014-15, the actual expenditure in 2014 was \$9.5 million, whereas the estimated amount in 2015 is as high as \$36.5 million. Please list out the detailed information and expenditure involved in various greening works implemented under the GMPs.

Asked by: Hon Elizabeth QUAT (Member Question No. 71)

Reply:

The increase in expenditure in 2015 is mainly due to the commencement of two works contracts for the priority greening works recommended in the GMPs of Sha Tin, Sai Kung, Tuen Mun and Yuen Long in December 2014 as shown in the table below-

GMPs	Current Status	Expenditure (\$ million)	
		2014	2015
GMPs in urban districts (covering all districts)	Greening works were completed and the project is in finalisation stage	8.9	4.5
GMPs in New Territories (covering Sha Tin, Sai Kung, Tuen Mun and Yuen Long)	Greening works commenced in December 2014	0.6	32.0
Total		9.5	36.5

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)069**

**(Question Serial No. 1946)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

The Government has indicated that it will conduct a cumulative environmental impact assessment for three potential reclamation sites at Sunny Bay, Lung Kwu Tan and Siu Ho Wan. What are the details of the assessment and the expenditure involved? What is the time anticipated by the Government for the release of the assessment result?

Asked by: Hon TO Kun-sun, James (Member Question No. 51)

Reply:

The cumulative environmental impact assessment (CEIA) study on the three potential reclamation sites at Sunny Bay, Lung Kwu Tan and Siu Ho Wan in the western waters commenced in mid-2013 and has been substantially completed recently. The CEIA study aims at assessing the total effects of the reclamation at these sites on air quality, water quality, ecology and fisheries, taking into consideration ongoing and planned projects in the vicinity. The consultancy fee for the study is about \$8 million. The findings of the CEIA were presented to the Advisory Council on the Environment on 9 March 2015 and are available on the website of the Civil Engineering and Development Department (see hyperlink below).

<http://www.cedd.gov.hk/eng/landsupply/index.html>

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)070**

**(Question Serial No. 1948)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the boundary control point (BCP) at Liantang/Heung Yuen Wai, as the funding was not approved in the Legislative Council (LegCo), what will be the related work in 2015-16? What is the expenditure involved? Will the increase of retail area in the related project be considered? If yes, what are the details? If no, what are the reasons?

Asked by: Hon TO Kun-sun, James (Member Question No. 53)

Reply:

Regarding the project under Head 705 Sub-head 5019GB - Liantang/Heung Yuen Wai Boundary Control Point (LT/HYW BCP) and associated works - site formation and infrastructure works, in 2015-16, we are continuing the construction works of the three on-going contracts and will endeavour to seek the Legislative Council's approval for increasing the Approved Project Estimate as soon as possible so as to complete the project. The forecast expenditure for the project 5019GB in 2015-16 is estimated to be \$2,354.776 million.

The LT/HYW BCP is primarily designed to provide immigration and customs clearance for cross-boundary passengers and vehicles. As the site is almost fully utilized for providing the BCP buildings, associated facilities and road infrastructure, there is no available space for a large-scale shopping centre. Notwithstanding, we have allowed a total floor area of about 1 000 m<sup>2</sup> in the BCP building for automatic teller machines, convenience stores and duty free shops, etc.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)071**

**(Question Serial No. 1949)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

Regarding the works of artificial islands in the central waters, as the funding was not approved in the Legislative Council (LegCo), what will be the related work in 2015-16? What is the expenditure involved? Will any restriction be made on the Lantau Development Plan formulated in 2007? If yes, what are the details? If no, what are the reasons?

Asked by: Hon TO Kun-sun, James (Member Question No. 54)

Reply:

The item on strategic studies for artificial islands in the central waters (the Study) was withdrawn at the Public Works Subcommittee meeting on 26 November 2014 to avoid affecting other urgent works items. We will re-submit the study item to the Legislative Council in a timely manner for consideration. Subject to funding approval of the Finance Committee being obtained in the current legislative session, the forecast expenditure in 2015-16 for the consultants' fees and associated site investigation works of the Study is about \$19 million.

The Study will take into consideration the 2007 Revised Concept Plan for Lantau and the latest development afterward as well as the proposals of the Lantau Development Advisory Committee.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)072**

**(Question Serial No. 1726)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

Opposite to the Kwun Tong Promenade and adjacent to the Kai Tak Cruise Terminal (KTCT), the huge Kai Tak Runway Park (KTRP) has few visitors due to its inconvenient location and inaccessibility. In the new financial year, will the Bureau study the extension of the proposed subway linking the Kwun Tong Promenade and the Ngau Tau Kok MTR station, and the provision of a temporary suspension footbridge or cross-harbour tunnel to connect with KTRP on the opposite side so as to enhance its accessibility and to facilitate pedestrian flow between Kwun Tong and KTCT, thereby "revitalising" the newly completed KTCT which is described as "Siberia in Kowloon East" with seriously inadequate transport facilities?

If yes, what is the estimated expenditure required for the study? If not, what is the reason?

Asked by: Hon TSE Wai-chun, Paul (Member Question No. 27)

Reply:

The KTCT and the KTRP Phase 1 at the former runway tip are two major projects in the first package of Kai Tak Development (KTD). In planning the KTD and in a wider context, energizing Kowloon East (KE), the Government has been spearheading various infrastructures and measures to enhance their connectivity.

The Energizing Kowloon East Office (EKEO) of the Development Bureau advocates the sustainability concept of "walkability" in enhancing the pedestrian connectivity and environment, and develops the concept of "walkable" KE comprehensively in the Kowloon Bay and Kwun Tong Business Areas through various measures. EKEO is conducting a preliminary feasibility study to explore, amongst others, the opportunity for providing a walkway system including grade-separated and at grade options from the Ngau Tau Kok MTR Station to Hoi Bun Road Park leading to the Kwun Tong promenade. The approved

project estimate of a Category D item covering the preliminary feasibility study is \$11 million in money-of-the-day prices.

Subject to funding approval of the Finance Committee, CEDD will carry out a detailed feasibility study (DFS) on the proposed Environmentally Friendly Linkage System for KE. This DFS will cover examining the feasibility of a proposed direct transport and pedestrian link (the proposed Link) between the Kwun Tong waterfront and the former runway tip adjacent to the KTCT. Spanning across the Kwun Tong Typhoon Shelter, the proposed Link will be subject to the Protection of the Harbour Ordinance and will have impact on the use of the Kwun Tong Typhoon Shelter, therefore requiring a detailed study to formulate the way forward. The use of temporary structures will not have any programming advantage over the proposed Link. The estimated project cost for conducting the DFS is about \$92 million in money-of-the-day prices.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)073**

**(Question Serial No. 0442)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2014-15, regarding the completion of the public consultation on the Environmentally Friendly Linkage System (EFLS) for Kowloon East to facilitate commencement of the detailed feasibility study (DFS), please provide the following information:

1. When does the Department envisage submitting the funding application for the next stage of DFS to the Finance Committee of the Legislative Council for approval, and what is the expected duration to complete the relevant study;
2. Upon completion of the Stage 2 public consultation on the EFLS, the consultancy firm recommended the adoption of elevated monorail for implementation. However, the Department has indicated that the next stage of feasibility study will include a topical study on other green transport modes. Will the Department re-consider the transport mode(s) of the relevant System for implementation;
3. There are local views suggesting that the connectivity with the old districts in Kowloon East be enhanced by the relevant System. Will the Department consider enhancing the connectivity with the districts concerned?

Asked by: Hon WONG Kwok-kin (Member Question No. 23)

Reply:

1. We plan to seek funding approval from the Finance Committee (FC) in the 2014-15 Legislative Council session after consultation with the Public Works Subcommittee. Subject to the funding approval of the FC, the proposed DFS will take about 2 years for completion.

2. Upon conclusion of the Stage 2 public consultation exercise for the EFLS, general consensus was reached on the need to conduct the proposed DFS as the next stage of work before deciding on the way forward. In line with the views received during subsequent consultations with the Panel on Development, the proposed DFS will include in-depth evaluation of various feasible green public transport modes to facilitate selection of the most suitable and cost-effective solution for the EFLS for Kowloon East.

3. The proposed DFS will examine the alignment and network coverage as well as explore flexibility in system design for possible long-term expansion of the EFLS and formulate a well-planned integrated multi-modal linkage system, comprising Mass Transit Railway, EFLS, road-based transport and improved pedestrian facilities, to enhance connectivity of Kowloon East and the adjoining old districts.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)074****(Question Serial No. 2612)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not Specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

## Question:

Regarding "continue the implementation of KTD, covering the design and construction of engineering infrastructure and the initiatives on public creatives, to facilitate a staged development programme", what is the progress of various projects (including the road works) at present?

Asked by: Hon WU Chi-wai (Member Question No. 7)

## Reply:

Kai Tak Development (KTD) projects are being implemented in phases with reference to their priorities and readiness to proceed. The progress of major construction projects related to KTD is as follows:

(A) Major construction projects substantially completed by March 2015 include -

<b>PWP Item</b>	<b>Project Title</b>
172BF	Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay
443RO	Runway Park at Kai Tak, Kowloon City District - Phase 1
439RO	Kwun Tong promenade (stage 2)
7GA	Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development
736CL	Site formation for Kai Tak cruise terminal development
739CL	Kai Tak development - stage 1 infrastructure works at north apron area of Kai Tak Airport

<b>PWP Item</b>	<b>Project Title</b>
741CL	Kai Tak development - stage 1 advance infrastructure works for developments at the southern part of the former runway
745CL	Kai Tak development - Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1)
749CL	Kai Tak development - reprovisioning of radar on top of the cruise terminal building
45CG (part)	District Cooling System at the Kai Tak Development - Phases I & II

(B) Major construction projects currently in progress include -

<b>PWP Item</b>	<b>Project Title</b>
109KA	Construction of Trade and Industry Tower in Kai Tak Development Area
167CD	Kai Tak development - reconstruction and upgrading of Kai Tak Nullah
349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development, Kowloon
350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development, Kowloon
746CL	Kai Tak development - stage 2 infrastructure at north apron area of Kai Tak Airport
761CL	Kai Tak Development - stages 3A and 4 infrastructure at north apron area of Kai Tak Airport
76MM	Hong Kong Children's Hospital (formerly known as Establishment of the Centre of Excellence in Paediatrics )
61TR (part)	Shatin to Central Link—construction of railway works - remaining works
45CG (part)	District Cooling System at the Kai Tak Development - Phase III (Package A)

The remaining major projects related to KTD including the Multi-purpose Sports Complex, Environmentally Friendly Linkage System, Kowloon East Regional Headquarters and Operational Base cum Ngau Tau Kok Divisional Police Station, etc. are under active planning and design.

For the initiatives on Public Creatives in KTD, we have completed a study which aimed at achieving an overall visual identity and branding for the new development area. Some of the design concepts recommended in the study have already been incorporated into the various infrastructure projects mentioned above. A promotion exercise was also launched in March 2014 to promulgate the design ideas and applications. We are now in the process of formulating a set of design guidelines by late 2015 to facilitate the integration of Public Creatives design elements into public facilities and street furniture items to be provided



within KTD.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)075**

**(Question Serial No. 1341)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

In Matters Requiring Special Attention in 2015-16, the Administration will take forward the detailed feasibility study (DFS) for the Environmentally Friendly Linkage System (EFLS) for Kowloon East, please advise:

1. How much estimated expenditure and manpower are reserved for this task?
2. What is the implementation schedule of the Study? What is the scope of the Study?

Asked by: Hon Yiu Si-wing (Member Question No. 15)

Reply:

1. Subject to funding approval by the Finance Committee, the DFS for the EFLS is scheduled to commence in mid-2015. The estimated expenditure in 2015-16 will be about \$21 million. In 2015-16, the responsible project team consists mainly of one Senior Engineer and one Engineer.
2. If the study commences in mid-2015, it will be completed in mid-2017. The main scope of the study is given below:
  - (a) evaluation of the most suitable transport mode for EFLS and formulation of a well-planned integrated multi-modal linkage system, comprising Mass Transit Railway, EFLS, green road-based transport and improved pedestrian facilities to enhance the connectivity of Kowloon East;
  - (b) examination of financial viability, environmental acceptability as well as technical feasibility for EFLS covering alignment, system design and implementation programme; and

- (c) examination of the impact of the proposed Kwun Tong Transportation Link, which will link up Kwun Tong with the former runway tip, on the use of the water body at the Kwun Tong Typhoon Shelter and Kai Tak Approach Channel and formulate mitigation measures.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)076**

**(Question Serial No. 3036)**

Head: (705) Capital Works Reserve Fund: Civil Engineering  
Subhead (No. & title): Not specified  
Programme: Not Specified  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

Regarding the greening master plan (GMP) of West Kowloon, what are the relevant details? What is the timetable of works? What is the expenditure involved?

Asked by: Hon Wong Pik-wan, Helena (Member Question No. 20)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The greening works in West Kowloon (Tsim Sha Tsui, Yau Ma Tei, Mong Kok and Sham Shui Po) under the urban Greening Master Plan were completed in June 2011. The works included planting, establishment, associated landscape hardworks viz. planters, irrigation facilities and associated pavement works. The total expenditure of the greening works in West Kowloon was about \$123 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)077**

**(Question Serial No. 3282)**

Head: (707) Capital Works Reserve Fund – New Towns and Urban Area Development

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Director of Civil Engineering and Development (C K HON)

Director of Bureau: Secretary for Development

Question:

What is the progress of Subhead 7276RS “Cycle track between Tsuen Wan and Tuen Mun — detailed design and site investigation (advance and stage 1 works)”? On which areas will the expenditure for 2015-16 be spent? Can the whole project be finished by the expected completion date as stated in the Approved Estimate?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 45)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

Advance works of the cycle track (section from Tsing Tsuen Bridge to Bayview Garden of Tsuen Wan) is under detailed design. The alignment of stage 1 works (section from Bayview Garden of Tsuen Wan to Ting Kau) is under review. The expenditure in 2015-16 will be spent on consultants' fees for detailed design and alignment review. The construction programme of the whole project is being examined.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)078**

**(Question Serial No. 2516)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

- (1) In 2014-15, how many burst incidents of stormwater drains occurred due to ageing of the network? For how many years had each of these drains been used before the incident occurred?
- (2) What measures will be taken in 2015-16 to tackle the problem of bursts and leaks? What are the expenditure and manpower involved?
- (3) Please list the total lengths, current lifespans, overall average lifespan, median lifespan and maintenance cost of stormwater drains in the territory.

Total length of stormwater drains: \_\_\_\_\_

Lifespan of stormwater drains	Percentage against total length	Maintenance cost (HK\$)
Less than 5 years		
5 to < 10 years		
10 to < 15 years		
15 to < 20 years		
20 to < 25 years		
25 to < 30 years		
30 to < 35 years		
35 to < 40 years		
40 to < 45 years		
45 to < 50 years		
50 years or above		

Overall average lifespan: \_\_\_\_\_

Median lifespan: \_\_\_\_\_

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 4)

Reply:

- (1) Bursting or leakage of public stormwater drains is commonly due to a confluence of factors, including ageing, ground settlement, and external loading. In 2014-15, there were about 470 cases of bursting or leakage of public stormwater drains. Most of these drains had been in use for more than 25 years before the incidents.
- (2) To address the problem, the Drainage Services Department (DSD) conducts inspection of public stormwater drains under a systematic maintenance programme. Rehabilitation works will be carried out if damage/defects are identified. In 2014-15, the expenditure, including staff cost, for rehabilitation works is \$75 million and 96 staff are involved. For 2015-16, we anticipate that the expenditure and manpower involved will be comparable to those of 2014-15.
- (3) DSD is managing about 2 300 kilometres of public stormwater drains. The average and median ages of the drains are about 29 years and 25 years respectively, with their age distribution as follows –

Age of stormwater drains	Proportion against total length
Less than 5 years	3%
5 to < 10 years	6%
10 to < 15 years	10%
15 to < 20 years	11%
20 to < 25 years	12%
25 to < 30 years	15%
30 to < 35 years	12%
35 to < 40 years	8%
40 to < 45 years	6%
45 to < 50 years	5%
50 years or above	12%

In 2014-15, the total expenditure for maintenance of public stormwater drains including the relevant staff cost is about \$247 million. DSD does not have the breakdown of the maintenance expenditure by the age of the drains.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)079**

**(Question Serial No. 1077)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the value of capital projects under detailed design, the actual expenditure for 2014 was \$4.989 billion, while the estimated expenditure for 2015 is \$8.436 billion. What are the reasons for such substantial increase? Please list the additional projects in details.

Asked by: Hon LO Wai-kwok (Member Question No. 22)

Reply:

The increase in the value of capital projects under detailed design in 2015 is mainly attributed to the commencement of the design of the following two projects -

- (a) Drainage improvement works at North District; and
- (b) Energizing Kowloon East – Revitalisation of Tsui Ping River.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)080**

**(Question Serial No. 2744)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

It is mentioned under Matters Requiring Special Attention in 2015–16 that the Department will continue with the review of the drainage master plans for Tai Po, Sha Tin and Sai Kung. Please set out in details the expenditure involved, the progress and the focus of the review for each plan.

Asked by: Hon QUAT Elizabeth (Member Question No. 73)

Reply:

Two drainage master plan review studies are being conducted for Tai Po, and Sha Tin and Sai Kung. The estimated expenditures in 2015-16 for the two review studies are \$3 million and \$3.5 million respectively.

The studies aim at reviewing the performance of the existing drainage systems in the study areas taking into account the latest and planned developments in the areas and effect of climate change. Drainage improvement measures will be formulated as necessary. Both studies commenced in February 2013 for completion in end 2015.

– End –

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)081**

**(Question Serial No. 2745)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the value of capital projects under detailed design, the estimate for 2015 is \$8,436 million, which is an increase of more than \$3,000 million over the actual expenditure for 2014. Please list in detail the capital projects under detailed design.

Asked by: Hon QUAT Elizabeth (Member Question No. 74)

Reply:

The capital projects for stormwater drainage under detailed design in 2015 are listed as follows:

1.	West Kowloon drainage improvement – Inter-Reservoirs Transfer Scheme
2.	Drainage improvement in Northern New Territories – Drainage improvement works in San Tin – remaining works
3.	Drainage improvement in Northern New Territories – package B (remaining works)
4.	Drainage improvement in Northern New Territories – package C (remaining works)
5.	Drainage improvement in Southern Hong Kong Island – package 2
6.	Reconstruction and rehabilitation of Kai Tak Nullah from Tung Kwong Road to Prince Edward Road East (remaining works)
7.	Improvement of Yuen Long town nullah (Town centre section)
8.	Drainage improvement works at Ngong Ping
9.	Drainage improvement works at North District
10.	Drainage improvement works at Yuen Long
11.	Energizing Kowloon East – Revitalisation of Tsui Ping River

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)082**

**(Question Serial No. 2746)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (2) Sewage Services

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

It is mentioned under Matters Requiring Special Attention in 2015–16 that the Department will continue with the investigation and design for the relocation of Sha Tin sewage treatment works to caverns. Please set out in detail the expenditure involved, completion date and sewage treatment capacity.

Asked by: Hon QUAT Elizabeth (Member Question No. 75)

Reply:

The Drainage Services Department is carrying out the investigation and design for the relocation of Sha Tin sewage treatment works to caverns. The design daily sewage treatment capacity of the relocated Sha Tin sewage treatment works is 340 000 cubic metres. The expenditure involved is funded under the Capital Works Reserve Fund Head 704 Subhead No. 4407DS with an approved project estimate of \$637.7 million in money-of-the-day prices. The estimated expenditure in 2015-16 is about \$69 million. The investigation and design are expected to be completed by late 2022.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)083**

**(Question Serial No. 0099)**

Head: (39) Drainage Services Department

Subhead (No. & title): (000) Operational expenses

Programme: Not specified

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

The Drainage Services Department stated that the number of non-directorate posts will be increased by 37 to 1908 posts as at 31 March 2016. Please inform this Council of the nature of work, ranks and salaries of these new posts.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. 27)

Reply:

A breakdown showing the 37 non-directorate posts to be created in 2015-16, their respective nature of work, ranks, numbers of posts and salaries are provided as follows –

<b>Nature of Work</b>	<b>Rank</b>	<b>Number of Post</b>	<b>Notional Annual Mid-point Salary of the Rank (\$)</b>
Professional services for drainage infrastructure works	Engineer/ Assistant Engineer	2	673,860
Professional services for sewage treatment facilities	Electrical & Mechanical Engineer/ Assistant Electrical & Mechanical Engineer	2	673,860

<b>Nature of Work</b>	<b>Rank</b>	<b>Number of Post</b>	<b>Notional Annual Mid-point Salary of the Rank (\$)</b>
Technical support for operation and maintenance of drainage and sewerage facilities	Assistant Inspector of Works	1	373,440
	Works Supervisor I (Civil)	1	307,200
	Works Supervisor II (Civil)	1	247,200
Technical support for operation and maintenance of electrical and mechanical facilities	Senior Electrical Inspector	2	781,980
	Senior Electronics Inspector	1	781,980
	Assistant Electrical Inspector	3	373,440
	Assistant Mechanical Inspector	2	373,440
	Assistant Electronics Inspector	1	373,440
	Works Supervisor I (E&M)	6	307,200
	Works Supervisor II (E&M)	8	247,200
	Senior Radio Mechanic	1	262,680
	Senior Artisan (E&M)	4	219,720
	Artisan (E&M)	1	193,680
Clerical support	Assistant Clerical Officer	1	232,920
	<b>Total</b>	<b>37</b>	

--End--

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)084**

**(Question Serial No. 3258)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (2) Sewage Services

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the investigation and design for the relocation of Sha Tin sewage treatment works to caverns, please advise on -

1. the current progress and completion dates of the investigation and design; and
2. the total cost of the investigation and design.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. 53)

Reply:

1. The project for the investigation and design for the relocation of Sha Tin sewage treatment works to caverns commenced in September 2014. The investigation and design are expected to be completed by late 2022. We are now conducting the design and various technical and impact assessments, and we plan to start ground investigation works in the third quarter of 2015.
2. The investigation and design work are funded under the Capital Works Reserve Fund Head 704 Subhead No. 4407DS with an Approved Project Estimate of \$637.7 million in money-of-the-day prices.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)085**

**(Question Serial No. 0937)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (2) Sewage Services

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the relocation of Sha Tin sewage treatment works to caverns, please advise this Committee on -

- 1) the current progress of the preliminary and detailed design of the relocation works;
- 2) when the Government will carry out the impact assessments on, inter alia, environment, traffic, geotechnical works, utilities and blasting, including the consultation with residents nearby and District Council(s); and
- 3) the expected commencement date, completion date, estimated expenditure and number of posts to be created for the above works.

Asked by: Hon TANG Ka-piu (Member Question No. 38)

Reply:

- 1) The project for the investigation and design work for the relocation of Sha Tin sewage treatment works to caverns commenced in September 2014. We are now conducting the detailed technical and impact assessments and planning to start ground investigation works in the third quarter of 2015.
- 2) During the feasibility study stage, we had carried out preliminary impact assessments on various aspects including environment, traffic, geology and blasting, etc. and disseminated the outcome to the public in the second-stage public engagement conducted in 2013. We will continue to communicate with the local residents, the Sha Tin District Council and other stakeholders to keep them informed of the latest project information and consult them on the detailed technical and impact assessments at an appropriate time.

- 3) We will estimate the project cost and programme, and assess the number of posts to be created when more details on the design are available.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)086**

**(Question Serial No. 2652)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the work of “commencing the investigation and planning of transforming King Yip Street nullah into Tsui Ping River”, what is the current preliminary idea? What are the expected commencement date, time required, expenditure and manpower involved for the work? What is the earliest time expected for the Drainage Services Department to conduct public consultation on the project?

Asked by: Hon WU Chi-wai (Member Question No. 47)

Reply:

The project aims at revitalising the King Yip Street nullah into Tsui Ping River to enhance the environment, provide quality leisure and greenery space for the public and improve the pedestrian accessibility and connectivity to the major streets and urban spaces in the vicinity. It is one of the ten main tasks under the Conceptual Master Plan of Energizing Kowloon East for the transformation of Kowloon East into another core business district for Hong Kong.

The investigation study is scheduled to commence in mid-2015 for completion in the first quarter of 2017 at an estimated cost of \$17.4 million. The study is managed by a Chief Engineer and a Senior Engineer on a part-time basis, and supported by an Engineer and a Landscape Architect. We plan to conduct public consultation in the third quarter of 2016.

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)087</b>
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**(Question Serial No. 1689)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

Under Matters Requiring Special Attention in 2015-16, the Government indicates that it will continue the stepped-up inspections and enforcement actions, public education and publicity efforts to enhance the safety of lifts and escalators. Why are the estimated numbers and percentages of inspections for lifts and escalators in 2015 lower than that of 2014? In addition, what are the estimated numbers of inspections for lifts and escalators in 2015, and what are the percentages of inspections with respect to the total number of existing lifts and escalators respectively?

Asked by: Hon CHAN Hak-kan (Member Question No.38)

Reply:

The Electrical and Mechanical Services Department (EMSD) stepped up the target number of inspections for lifts and escalators from 10 564 in 2013 to 11 800 in 2014. The actual number of inspections in 2014 was 12 273, which exceeded the target by 473 inspections. In 2015, EMSD maintains the target of 11 800 inspections for lifts and escalators, and will continue to review the number of inspections required from time to time according to need.

The estimated numbers and percentages of inspections for lifts and escalators in 2015 are given in Table 1 below.

Table 1

	<b>Lifts</b>	<b>Escalators</b>
Estimated number of inspections	10 550	1 250
Total number of installations (as at 31 December 2014)	62 395	8 766
Estimated percentage of inspections	16.9%	14.3%

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)088**

**(Question Serial No. 0770)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

There are over 60 000 lifts in Hong Kong, and their mechanical and functional performances have direct impact on passenger safety. In respect of the maintenance of lifts, in order to enable the public to have a better understanding on the topic and for the Legislative Council to more effectively monitor the existing mechanism so as to enhance public confidence in using lifts, please provide the following information:

(1) The Electrical and Mechanical Services Department introduced the lift contractors' performance rating system in 2009, with the contractor's non-compliance classified into five categories. Please provide the quarterly figures for the past four years in the table below.

No. of contractors		2012				2013				2014				2015
Quarter		1	2	3	4	1	2	3	4	1	2	3	4	
Points Deducted	1 - 5													
	6 - 11													
	12 or above													
Warning Letters Issued	1													
	2													
	3 or above													
Removal from the Register														

(2) In the past three years, what are the number of incidents involving injury and fatality for each registered contractor; and the penalties to the contractors due to contravention of the Ordinance? Please list the top five registered contractors that have seriously contravened the Ordinance.

(3) Please provide the number of inspections carried out, the number of registered engineers in the Department responsible for carrying out inspections, the expenditures of the concerned staff establishment in the past three years; and the increase in the establishment and expenditure in relation to the Lifts and Escalators Ordinance in this year.

Asked by: Hon KWOK Wai-keung (Member Question No. 39)

Reply:

(1) According to the records in the contractors' performance rating system of the Electrical and Mechanical Services Department (EMSD), the numbers of registered lift contractors with performance monitoring points deducted, receiving warning letters, and removed from the Register in the past four years are given in Table 1 below.

Table 1

No. of Contractors		2012				2013				2014				2015*
Quarter		1	2	3	4	1	2	3	4	1	2	3	4	1
Points Deducted	1 - 5	10	5	1	5	3	5	2	7	8	2	13	22	3
	6 - 11	10	10	8	9	12	16	9	15	13	4	8	21	10
	12 or above	2	4	2	1	2	0	0	1	1	4	2	0	0
Warning Letters Issued	1	6	5	3	1	2	1	0	1	3	1	3	0	1
	2	0	0	0	0	0	0	0	2	0	2	0	0	0
	3 or above	0	0	0	0	0	0	0	0	0	0	0	0	0
Removal from the Register		0	0	0	0	0	0	0	1	0	0	0	0	2#

\* Figures are up to 28 February 2015.

# The two registered contractors cancelled their registrations voluntarily in 2015.

(2) In the past three years, there was no lift incident involving fatality. The numbers of lift incidents due to failure of equipment components and involving injury for each concerned registered lift contractor are given in Table 2 below.

Table 2

<b>Registered Lift Contractors</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Anlev Elex Elevator Ltd.	1	0	0
Chevalier (HK) Limited	1	2	0
Chun Ming Elevator Co. Ltd.	1	0	0
Jekco Elevators Ltd.	1	0	0
Nikkin Lifts & Escalators Ltd.	1	0	1
Otis Elevator Company (HK) Ltd.	3	0	0
Ring Hing Engineering Service Co. Ltd.	0	0	1
Schindler Lifts (Hong Kong) Ltd.	3	1	0
Shineford Engineering Ltd.	1	1	0
The Express Lift Company Ltd.	1	0	0
<b>Total</b>	<b>13</b>	<b>4</b>	<b>2</b>

The penalties imposed through either prosecution or disciplinary actions included fines ranging from \$2,000 to \$240,000, as well as cancellation of registration. In the past three years, the registered lift contractors who were convicted of offence or disciplined under the Ordinance are:

- Antonfield Engineering Co. Ltd.
- Chun Ming Elevator Co. Ltd.
- Nikkin Lifts and Escalators Ltd.
- Otis Elevator Co. (HK) Ltd.
- Shineford Engineering Ltd.\*

\* The contractor was removed from the Register in 2013.

(3) EMSD adopts a risk-based approach in sampling lifts for audit inspection. The number of audit inspections to lifts carried out in 2012, 2013 and 2014 were 7 875, 9 258 and 10 850 respectively.

In 2012-13 and 2013-14, the team responsible for carrying out audit inspection and incident investigation on lifts and escalators comprises four professional engineers and 19 inspectors. One professional engineer and 9 inspectors were added to the team in 2014-15, giving a total of five professional engineers and 28 inspectors in the team. The total expenditures in the past three years for audit inspection and incident investigation on lifts and escalators are shown in Table 3 below.

Table 3

	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>
Expenditure (\$ million)	15.1	20.2	25.2

The manpower and expenditure level for audit inspection and incident investigation on lifts and escalators in 2015-16 will be maintained.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)089**

**(Question Serial No. 2896)**

Head: (42) Electrical and Mechanical Services Department  
Subhead (No. & title): Not Specified  
Programme: (2) Mechanical Installations Safety  
Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)  
Director of Bureau: Secretary for Development

Question:

As shown in this year's estimates, the Electrical and Mechanical Services Department has recorded a more than 10% increase in year 2014 with regard to the number of incidents per lift or per escalator as well as the number of enquires/complaints handled, as compared with that of year 2013 (the Government explained that the increase was due to the rising awareness of Responsible Persons of lifts and escalators about their responsibility of reporting incidents under the new Lifts and Escalators Ordinance). Will the Government inform this Committee of the following:

- (i) Why the inspection percentage of existing lifts and escalators planned for 2015 is lowered from 17.2% (Actual) to 16.5% (Estimate) in spite of the increase in number of incidents?
- (ii) Regarding the budget estimate for the programme Mechanical Installations Safety being also lowered by 34.6% in comparison with the 2014-15 revised estimate, what is the reason for this?
- (iii) In view of the reduced budget estimate, what measures will be taken by the Government to reduce the number of lift and escalator incidents and to further safeguard public safety in using these installations?

Asked by: Hon LEUNG Kenneth (Member Question No. 2.07)

Reply:

- (i) In 2014, although there was an increase in the number of incidents per lift or per escalator, the vast majority of the incidents arose from inappropriate use of lifts and escalators. The increase in number of reported incidents is considered the result of rising awareness of Responsible Persons of their responsibility to report incidents, in

response to the ongoing publicity activities. As for complaints/enquiries, they were likewise increased, and there were also more enquiries on modernisation of aged lifts.

The Electrical and Mechanical Services Department (EMSD) stepped up the target number of inspections for lifts and escalators from 10 564 in 2013 to 11 800 in 2014. The actual number of inspections in 2014 was 12 273 which exceeded the target by 473 inspections. In 2015, EMSD maintains the target of 11 800 inspections for lifts and escalators, and will continue to review the number of inspections required from time to time according to need.

- (ii) The revised estimate for the programme of Mechanical Installations Safety was higher in 2014-15 due to higher expenditure for modernisation of the aged lifts in government buildings. The estimated expenditure in this respect is reduced in 2015-16 because there are less aged lifts in government buildings requiring modernisation in this year, resulting in the lower estimate for the programme of Mechanical Installations Safety in 2015-16.
- (iii) As noted from (ii) above, the reduction in the estimate for the programme of Mechanical Installations Safety in 2015-16 is not related to the inspection and enforcement of lift and escalator safety. In 2015-16, EMSD will continue the stepped-up inspection and enforcement actions, public education and publicity efforts to enhance the safety of lifts and escalators.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)090**

**(Question Serial No. 3289)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

The Financial Secretary mentioned in last year's Budget that government departments and the public sector should conduct expenditure reviews and consider how best to consolidate their services and funding schemes in order to further enhance the efficiency of public services (see paragraph 139 of the 2014-15 Budget). Will the Government inform this Committee of the following:

- (i) in respect of the following listed government department/public organisation with a greater or smaller change/percentage change in its respective estimated established posts in the coming year as compared to last year, the ranks of the posts to be created/deleted and their respective numbers;
- (ii) for the above creation/deletion of posts, the total amounts of annual salaries and fringe benefits involved;
- (iii) the major reasons for the above creation/deletion of posts.

Head of expenditure	Total number of established posts according to the revised estimate as at 31.3.2015	Total number of established posts according to the estimate as at 31.3.2016	Number of posts created/deleted (% change)
The Electrical and Mechanical Services Department	399	428	+29 (7.3%)

Asked by: Hon LEUNG Kenneth (Member Question No. 2.01)

Reply:

Details of the 29 posts to be created in the Electrical and Mechanical Services Department in 2015-16 are as follows:

Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank (\$)	Reasons for Creation
Chief Engineer	2	1,552,800	<u>Railway Safety</u> To enhance safety inspection and monitoring of existing railway service and new railway projects
Senior Engineer	1	1,222,560	
Engineer/Assistant Engineer	4	673,860	
Inspector	2	594,180	
Assistant Clerical Officer	1	232,920	
Clerical Assistant	1	181,740	
Senior Engineer	3	1,222,560	<u>Energy Efficiency</u> 1. To carry out law enforcement and associated duties related to the Buildings Energy Efficiency Ordinance; 2. To develop Building Energy Benchmarking Scheme; and 3. To oversee the implementation, operation and maintenance of the District Cooling System at the Kai Tak Development
Engineer/Assistant Engineer	3	673,860	
Inspector	4	594,180	
Technical Officer/ Technical Officer Trainee	2	238,200	
Treasury Accountant	1	856,620	
Accounting Officer I	1	651,180	
Engineer/Assistant Engineer	1	673,860	<u>Gas Safety</u> To provide professional input related to gas safety in connection with land supply
Clerical Assistant	3	181,740	<u>Administration</u> To strengthen clerical support for the Department

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)091</b>
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**(Question Serial No. 1102)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

The Lifts and Escalators Ordinance came into full operation on 17 December 2012, but incidents related to lifts and escalators are still happening from time to time and some of them have led to passenger injuries and aroused public concern. The Electrical and Mechanical Services Department, being the enforcement authority of the Ordinance, indicates that it will continue the stepped-up inspection and enforcement actions, public education and publicity efforts. In this regard, please advise on the following:

1. Since the enforcement of the Ordinance, what are the respective numbers of incidents of lifts and escalators in each year?
2. Has the Government considered allocating more resources to increase the percentage of examination of lifts and escalators with respect to the total number of existing lifts and escalators? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LO Wai-kwok (Member Question No. 40)

Reply:

1. The vast majority of the incidents of lifts and escalators arose from their inappropriate use. There had been a falling trend in the number of incidents of lifts and escalators related to equipment failure in the past three years as given in Table 1:

Table 1

<b>Year</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Number of lift incidents related to equipment failure</b>	21	5	4
<b>Number of escalator incidents related to equipment failure</b>	8	3	0

2. The Government has allocated more resources to step up the audit inspection of lifts and escalators. In 2014-15, one professional engineer and nine inspectors were added to the team on lift and escalator safety including the carrying out of audit inspection and incident investigation on lifts and escalators. The number and percentage of lifts and escalators inspected have increased from 9 173 and 15.3% in 2012 to 12 273 and 17.2% in 2014. The Electrical and Mechanical Services Department will continue to review the number of audit inspections required from time to time according to the needs.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)092**

**(Question Serial No. 0581)**

Head: (42) Electrical and Mechanical Services Department  
Subhead (No. & title): Not Specified  
Programme: Not Specified  
Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)  
Director of Bureau: Secretary for Development

Question:

Please list out the number of trainees joining the Technician Training Scheme organised by the Electrical and Mechanical Services Department (EMSD) and the number of trainees continuing to work in EMSD after completion of training over the past three years. What are the types of trade that they are engaged in? Will EMSD consider increasing the number of training places? If yes, how many new training places will be offered? If not, what are the reasons?

Asked by: Hon POON Siu-ping (Member Question No. 35)

Reply:

The numbers of Technician Trainees (TTs) recruited by the Electrical and Mechanical Services Department (EMSD) over the past three years are as follows:

<u>Year</u>	<u>Number of TTs</u>
2012	122
2013	184
2014	164

The Technician Training Scheme covers six engineering disciplines, including mechanical, electrical, air-conditioning, vehicle, building services and electronics. All TTs who have completed the training programme and have satisfactory performance will be offered employment in the Government. Over the past three years, of the 225 graduated trainees who were recruited in 2009 to 2011, 165 accepted the offer to continue working in EMSD and 59 took up employment as E&M technical staff in other works department. EMSD will continue to recruit TTs to replenish vacancies arising from natural wastage as well as to meet increasing demand for new services. EMSD plans to recruit about 200 TTs in 2015.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)093**

**(Question Serial No. 0100)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): (000) Operational expenses

Programme: Not Specified

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

The Electrical and Mechanical Services Department stated that the number of non-directorate posts will be increased by 27 to 413 posts as at 31 March 2016. Please inform this Committee of the nature of work, ranks and salaries of these new posts.

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. 29)

Reply:

Details of the 27 non-directorate posts to be created in the Electrical and Mechanical Services Department in 2015-16 are as follows:

Nature of Work	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank (\$)
<u>Railway Safety</u> To enhance safety inspection and monitoring of existing railway service and new railway projects	Senior Engineer	1	1,222,560
	Engineer/ Assistant Engineer	4	673,860
	Inspector	2	594,180
	Assistant Clerical Officer	1	232,920
	Clerical Assistant	1	181,740

Nature of Work	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank (\$)
<u>Energy Efficiency</u> 1. To carry out law enforcement and associated duties related to the Buildings Energy Efficiency Ordinance; 2. To develop Building Energy Benchmarking Scheme; and 3. To oversee the implementation, operation and maintenance of the District Cooling System at the Kai Tak Development	Senior Engineer	3	1,222,560
	Engineer/ Assistant Engineer	3	673,860
	Inspector	4	594,180
	Technical Officer/ Technical Officer Trainee	2	238,200
	Treasury Accountant	1	856,620
	Accounting Officer I	1	651,180
<u>Gas Safety</u> To provide professional input related to gas safety in connection with land supply	Engineer/ Assistant Engineer	1	673,860
<u>Administration</u> To strengthen clerical support for the Department	Clerical Assistant	3	181,740

- End -



**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)094</b>
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**(Question Serial No. 1892)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Electrical and Mechanical Services Department will continue the stepped-up inspection and enforcement actions, public education and publicity efforts to enhance the safety of lifts and escalators. In this regard, would the Government advise this Committee of the following:

1. The number of lifts and escalators inspected and the associated expenditures in the past five years; and
2. Details of the work in 2015-16 and the expenditure breakdown.

Asked by: Hon TIEN Pei-chun, James (Member Question No. 32)

Reply:

1. The number of lifts and escalators inspected in the past five years are given in the following table:

<b>Year</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Number of Lifts Inspected</b>	7 617	7 603	7 875	9 258	10 850
<b>Number of Escalators Inspected</b>	1 490	1 504	1 298	1 306	1 423

The total expenditure on lift and escalator safety in the past five financial years from 2010-11 to 2014-15 is \$25.9 million, \$25.4 million, \$32.0 million, \$35.5 million and \$36.0 million respectively. The lift and escalator inspection is carried out by a team of engineers and inspectors whose responsibilities cover the whole range of work related to lift and escalator safety. The Electrical and Mechanical Services Department (EMSD) does not have a breakdown of expenditures on inspection work only.

2. The work related to lift and escalator safety in 2015-16 includes:
- (i) Inspecting 11 800 lifts and escalators according to risk-based approach;
  - (ii) Enforcement actions on those who have contravened the Lifts and Escalators Ordinance;
  - (iii) Maintaining a registration system for lift and escalator contractors, engineers and workers to ensure their technical competence; and
  - (iv) Public education and publicity including the provision of support to Responsible Persons in managing their lifts and promotion of modernisation of aged lifts.

The estimated total expenditure in 2015-16 for lift and escalator safety is \$36 million. As the whole range of work is carried out together by a team of engineers and inspectors, EMSD does not have a breakdown of the estimated expenditures for individual work items.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)095**

**(Question Serial No. 0813)**

Head: (60) Highways Department

Subhead (No. & title): Not specified

Programme: (4) Technical Services

Controlling Officer: Director of Highways (K K LAU)

Director of Bureau: Secretary for Development

Question:

Under "Matters Requiring Special Attention" in the coming year, the Government highlighted that more greening and "enhanced maintenance of vegetation for roadside slopes and expressways" are to be undertaken. However, under the indicators, the respective areas of "land provided with vegetation maintenance service" for the current and coming years are both 1 095 hectares. Is there any contradiction between the two? If not, what are the details of more greening and enhanced maintenance of vegetation?

Asked by: Hon HO Chun-yan, Albert (Member Question No. 36)

Reply:

The vegetated area currently maintained by the Highways Department measures 1 095 hectares in total size. This total size is expected to increase gradually as new vegetated areas are formed under highways projects and handed over to the department for maintenance. However, the total area of the vegetated areas is not expected to increase substantially in 2015.

Despite the small increase in completed new vegetated areas in 2015, the Highways Department will continue to look for greening opportunities provided in road works projects in the planning and design stages with an aim to further enhancing the greenery of the environment. The Highways Department will also enhance maintenance of vegetated areas by replacement of planting with more native tree species at appropriate locations in order to increase ecological value as far as practicable.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)096**

**(Question Serial No. 0679)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding heritage conservation,

1. Please list in detail the restoration, repair and maintenance projects for historic buildings implemented and completed in the past three years and provide a breakdown of the expenditures and time taken for these projects.
2. Among historic buildings for which restoration, repair and maintenance works have been completed, how many of them are under private ownership? How many of them are owned by the Government and non-government organisations respectively?
3. How many of these buildings are open to the public?

Asked by: Hon CHAN Yuen-han (Member Question No. 28)

Reply:

- 1 The Development Bureau has launched the Financial Assistance for Maintenance Scheme (FAS) since 2008 under which owners of privately-owned graded historic buildings can apply for financial assistance to repair and maintain their properties. Each approved application will be given a grant of not more than \$1 million with payment made on reimbursement basis. The projects completed under FAS in the past three years (2012-13 to 2014-15) are set out at the Annex.
2. All the buildings listed at the Annex are privately-owned.
3. All the buildings listed at the Annex are open to the public.

**Projects completed under the Financial Assistance for Maintenance Scheme  
in 2012-13 to 2014-15  
(as at 10 March 2015)**

<b>Name of Building</b>	<b>Scope of Work</b>	<b>Works Commencement Date</b>	<b>Works Completion Date</b>	<b>Approved Amount (\$)</b>
Tao Fong Shan Christian Centre (Side Chapel), Shatin	Roof rectification works and structural repair to walls	December 2011	March 2012	999,000
Tin Hau Temple, Kam Tin, Yuen Long	Restoration of the roof and external walls	September 2010	May 2012	985,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long	Restoration of the roof and upgrading of electrical system	January 2012	June 2012	1,000,000
Kau Yan Church, Sai Ying Pun	Restoration of the roof	March 2012	October 2012	1,000,000
Tsang's Ancestral Hall, Chun Lung Village, Tsuen Wan	Restoration of the roof, walls, floor, doors, plaques and murals	May 2012	November 2012	950,000
Leung Ancestral Hall, Tai Po	Restoration of the roof, walls, floor, doors and ancestral altars	October 2012	February 2013	1,000,000
Lim House, Shap Pat Heung, Yuen Long	Restoration of the roof, walls, doors, windows and balconies	December 2012	April 2013	1,000,000
Hung Shing Temple, Ping Shan, Yuen Long, Phase II	Restoration of the roof and wall at the entrance hall and main hall	March 2013	July 2013	1,000,000
Jamia Mosque, Sheung Wan, Phase II	Installation of new waterproofing system at the roof	March 2013	July 2013	950,000
Kau Yan Church, Sai Ying Pun,	Repair of the spalling concrete	July 2013	November 2013	1,000,000

<b>Name of Building</b>	<b>Scope of Work</b>	<b>Works Commencement Date</b>	<b>Works Completion Date</b>	<b>Approved Amount (\$)</b>
Phase II				
Earth God Shrine, Sheung Shui	Restoration of the walls and ground slab of the shrine	November 2013	December 2013	390,000
Kowloon Union Church, Jordan	Upgrading of the storm water and waste water systems	August 2012	July 2014	1,000,000
Tin Hau Temple, Kam Tin, Yuen Long, Phase II	Restoration of the eaves boards and granite plaque	August 2013	July 2014	980,000
Holy Trinity Cathedral, Kowloon City	Restoration of the higher roof	September 2013	July 2014	958,000
Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of roof, walls, floors and upgrading of electrical system	June 2014	October 2014	789,000
Holy Spirit Seminary, Wong Chuk Hang	Installation of new waterproofing system at roof	September 2014	December 2014	999,960
Tin Hau Temple, Lam Tsuen, Tai Po	Restoration of roof	July 2014	January 2015	1,000,000
Tao Fong Shan Christian Centre (Christ Temple), Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	January 2015	February 2015	931,420

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)097**

**(Question Serial No. 1935)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Please list the names of the buildings which are currently declared as monuments under the Antiquities and Monuments Ordinance. What are the annual expenditures on the conservation of as well as education and promotion activities for these monuments? What other buildings will be declared as monuments in 2015-16?

Asked by: Hon TO Kun-sun, James (Member Question No. 39)

Reply:

There are currently 108 buildings or sites declared as monuments under the Antiquities and Monuments Ordinance (Cap.53). The list of the declared monuments, which is available on the Antiquities and Monuments Office (AMO)'s website, is at [Annex](#).

In 2014-15, AMO of the Leisure and Cultural Services Department spent \$14.4 million on the conservation of these declared monuments and \$734,000 on education and promotion activities.

In 2015-16, the Government plans to declare three historic buildings as monuments. Liaison with the respective owners is being conducted by AMO. Details of the declaration will be announced at an appropriate juncture.

## Declared Monuments in Hong Kong

1.	Rock Carving at Big Wave Bay, Hong Kong Island
2.	Rock Carving on Kau Sai Chau, Sai Kung
3.	Rock Carving on Tung Lung Chau, Sai Kung
4.	Rock Inscription at Joss House Bay, Sai Kung
5.	Rock Carving at Shek Pik, Lantau Island
6.	Rock Carvings on Po Toi
7.	Tung Chung Fort, Lantau Island
8.	Duddell Street Steps and Gas Lamps, Central
9.	Tung Lung Fort, Tung Lung Chau, Sai Kung
10.	Sam Tung Uk Village, Tsuen Wan
11.	Fan Lau Fort, Lantau Island
12.	Old District Office North, Tai Po
13.	Sheung Yiu Village, Sai Kung
14.	Rock Carvings on Cheung Chau
15.	Tin Hau Temple, Causeway Bay
16.	Rock Carving at Lung Ha Wan, Sai Kung
17.	Island House, Yuen Chau Tsai, Tai Po
18.	Site of Chinese Customs Station, Fat Tau Chau, Sai Kung
19.	Man Lun Fung Ancestral Hall, San Tin, Yuen Long
20.	Pottery Kilns at Wun Yiu Village, Tai Po
21.	Stone Circle at Fan Lau, Lantau Island
22.	Tung Chung Battery, Lantau Island
23.	Man Mo Temple, Tai Po
24.	Hong Kong Observatory, Tsim Sha Tsui
25.	Old Stanley Police Station
26.	The Exterior of the Old Supreme Court, Central
27.	The Exterior of the Main Building, the University of Hong Kong
28.	Rock Carvings at Wong Chuk Hang, Hong Kong Island
29.	Old Tai Po Market Railway Station
30.	Liu Man Shek Tong Ancestral Hall, Sheung Shui
31.	Old House, Hoi Pa Village, Tsuen Wan
32.	Tai Fu Tai Mansion, San Tin, Yuen Long
33.	Kun Lung Gate Tower, Lung Yeuk Tau, Fanling
34.	Yeung Hau Temple, Ha Tsuen, Yuen Long
35.	Lei Cheng Uk Han Tomb, Sham Shui Po
36.	Flagstaff House, Cotton Tree Drive, Central
37.	Former French Mission Building, Battery Path, Central



38.	Law Uk Hakka House, Chai Wan
39.	Old House, Wong Uk Village, Sha Tin
40.	Old Wan Chai Post Office
41.	Old Pathological Institute, Caine Lane, Sheung Wan
42.	Western Market, Sheung Wan
43.	Former Kowloon-Canton Railway Clock Tower, Tsim Sha Tsui
44.	Kang Yung Study Hall, Sha Tau Kok
45.	Former Kowloon British School, Tsim Sha Tsui
46.	Main Building of St. Stephen's Girls' College, Lyttelton Road, Mid-Levels
47.	Yi Tai Study Hall, Kam Tin, Yuen Long
48.	Enclosing Walls and Corner Watch Towers of Kun Lung Wai, Lung Yeuk Tau, Fanling
49.	The Exterior of the Main Building, the Helena May, Garden Road, Central
50.	Entrance Tower of Ma Wat Wai, Lung Yeuk Tau, Fanling
51.	Former Marine Police Headquarters Compound, Tsim Sha Tsui
52.	Gate Lodge of the Former Mountain Lodge, the Peak
53.	Central Police Station Compound, Hollywood Road, Central
54.	Former Central Magistracy, Arbuthnot Road, Central
55.	Victoria Prison Compound, Old Bailey Street, Central
56.	The Exterior of University Hall, the University of Hong Kong
57.	The Exterior of Hung Hing Ying Building, the University of Hong Kong
58.	The Exterior of Tang Chi Ngong Building, the University of Hong Kong
59.	Government House, Upper Albert Road, Central
60.	St. John's Cathedral, Garden Road, Central
61.	I Shing Temple, Wang Chau, Yuen Long
62.	Remnants of the South Gate of Kowloon Walled City, Kowloon Walled City Park
63.	Former Yamen Building of Kowloon Walled City, Kowloon Walled City Park
64.	Entrance Tower & Enclosing Walls of Lo Wai, Lung Yeuk Tau, Fanling
65.	Tang Chung Ling Ancestral Hall, Lung Yeuk Tau, Fanling
66.	Cheung Shan Monastery, Ping Che, Fanling
67.	King Law Ka Shuk, Tai Po Tau Tsuen, Tai Po
68.	Cheung Ancestral Hall, Shan Ha Tsuen, Yuen Long
69.	Fan Sin Temple, Sheung Wun Yiu, Tai Po
70.	North and West Blocks of St. Joseph's College, Kennedy Road, Central
71.	Waglan Lighthouse, Waglan Island
72.	Tang Lung Chau Lighthouse, Tang Lung Chau, Kap Shui Mun, Tsuen Wan
73.	Tang Ancestral Hall, Ping Shan, Yuen Long
74.	Yu Kiu Ancestral Hall, Ping Shan, Yuen Long
75.	Tsui Sing Lau Pagoda, Ping Shan, Yuen Long
76.	Hung Shing Temple, Kau Sai Chau, Sai Kung
77.	Tin Hau Temple, Lung Yeuk Tau, Fanling
78.	Hau Ku Shek Ancestral Hall, Ho Sheung Heung, Sheung Shui

79.	Morrison Building , Hoh Fuk Tong Centre, Tuen Mun
80.	Cape D' Aguilar Lighthouse, D' Aguilar Peninsula
81.	Leung Ancestral Hall, Yuen Kong Tsuen, Pat Heung, Yuen Long
82.	Chik Kwai Study Hall, Sheung Tsuen, Pat Heung, Yuen Long
83.	Tang Ancestral Hall, Ha Tsuen, Yuen Long
84.	Maryknoll Convent School, Waterloo road, Kowloon Tong
85.	King Yin Lei, No. 45 Stubbs Road, Mid-Levels
86.	Green Island Lighthouse Compound
87.	6 Historic Structures of Pok Fu Lam Reservoir
88.	22 Historic Structures of Tai Tam Group of Reservoirs
89.	3 Historic Structures of Wong Nai Chung Reservoir
90.	4 Historic Structures of Aberdeen Reservoir
91.	5 Historic Structures of Kowloon Reservoir
92.	Memorial Stone of Shing Mun Reservoir
93.	Residence of Ip Ting-sz at Lin Ma Hang Tsuen, Sha Tau Kok
94.	Yan Tun Kong Study Hall at Hang Tau Tsuen, Ping Shan, Yuen Long
95.	Tung Wah Museum, Waterloo Road, Yau Ma Tei
96.	Man Mo Temple Compound, Hollywood Road, Sheung Wan
97.	Tang Kwong U Ancestral Hall, Kam Tin, Yuen Long
98.	Kom Tong Hall, Castle Road, Mid-Levels
99.	Fortified Structure at No. 55 Ha Pak Nai, Yuen Long
100.	School House of St. Stephen's College, Stanley
101.	King's College, Bonham Road, Mid-Levels
102.	The Cenotaph, Central
103.	The Bethanie, Pok Fu Lam Road
104.	Fat Tat Tong, Ha Wo Hang, Sha Tau Kok
105.	Tat Tak Communal Hall, Ping Shan, Yuen Long
106.	Lin Fa Temple, Tai Hang, Hong Kong Island
107.	Hung Shing Temple, Ap Lei Chau
108.	Hau Wong Temple, Kowloon City

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)098**

**(Question Serial No. 2046)**

Head: (118) Planning Department  
Subhead (No. & title): Not Specified  
Programme: (1) Territorial Planning  
Controlling Officer: Director of Planning (K K LING)  
Director of Bureau: Secretary for Development

Question:

It is stated under Matters Requiring Special Attention in 2015-16 that the Planning Department will provide planning input and secretariat support to the Lantau Development Advisory Committee and its sub-committees and formulate an updated overall spatial development and conservation strategy for Lantau. In this connection, will the Government inform this Committee of the following:

1. Regarding the support provided, what is the annual expenditure and manpower involved? What is the estimated duration of such service?
2. What is the estimated time required to achieve specific results in formulating an updated overall spatial development and conservation strategy for Lantau? When will the results be announced?

Asked by: Hon FANG Kang, Vincent (Member Question No. 2)

Reply:

1. There is currently no dedicated post within the Planning Department (PlanD) to serve the Lantau Development Advisory Committee (LanDAC) and discharge the related planning work. In 2015-16, the tasks of formulating an updated spatial development and conservation strategy for Lantau and providing planning and secretariat support to LanDAC and its sub-committees will continue to be carried out mainly by in-house staff of PlanD as part of their overall duties. Since the bulk of the work is carried out mainly using the established in-house manpower and resources of PlanD as part of their overall duties, we are unable to provide a breakdown of the annual expenditure deployed solely for the work.

In 2015-16, one Town Planner/Assistant Town Planner, one Survey Officer and one Technical Officer posts will be created to cope with the increasing workload arising from LanDAC. They are all time-limited for three years. The estimated salary expenditure of these staff in 2015-16 is about \$1.1 million in terms of notional annual mid-point salary value.

2. According to the current progress, it is anticipated that the draft overall spatial development and conservation strategy will take shape within 2015, and it will form part of the overall economic and social development strategy to be formulated by LanDAC in 2016.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)099**

**(Question Serial No. 1676)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

In 2013 and 2014, the leakage rates of water mains were 17% and 16% respectively. What were the respective quantities of fresh water and water costs involved in the leakage incidents in these 2 years? For the construction of stages 3 and 4 of the replacement and rehabilitation programme of water mains last year, was there any project delay or/and over-spending of the budgeted amount?

Asked by: Hon CHAN Hak-kan (Member Question No. 25)

Reply:

With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints; and it is not considered appropriate to deduce a cost for the water drained away.

In 2014, while the progress of the Stage 4 Replacement & Rehabilitation (R&R) works was on schedule, the Stage 3 R&R works was delayed by four months due to traffic constraints, works interface with other projects and other special circumstances. The respective expenditures for either stage are within budget.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)100**

**(Question Serial No. 1677)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in Matters Requiring Special Attention in 2015-16 that the Department will “carry out a review study on the total water management strategy” and “continue to carry out investigation and studies on the use of reclaimed water for toilet flushing and other non-potable purposes in the north-eastern part of the New Territories including Sheung Shui and Fanling”. What are the details and estimated completion dates of the above two studies?

Asked by: Hon CHAN Hak-kan (Member Question No. 26)

Reply:

We commenced a consultancy study for the review of the Total Water Management (TWM) Strategy in October 2014 for completion by mid 2017. The study is to review the TWM Strategy promulgated in 2008 including the water demand and supply management measures implemented, to formulate an updated strategy and to recommend new initiatives to strengthen our resilience and preparedness against uncertainties and challenges.

With regard to the water reclamation project, we have completed technical studies including water quality standard and pilot test on the production of reclaimed water using the treated effluent of the Shek Wu Hui sewage treatment works for flushing and other non-potable uses in the north-eastern part of the New Territories. We have started planning of the infrastructure and target to commence the supply of reclaimed water starting from 2022. We will conduct a study on the financial and legal aspects of the supply of reclaimed water. This study is expected to be completed by 2016.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)101**

**(Question Serial No. 1678)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (3) Customer Services  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding the performance measures under Programme (3), will the Government advise the Committee on the following:

1. What were the reasons for failing to achieve the targets of “issue of final bill upon closure of account within three days” and “refund of water deposit within nine days” in the past 2 years? What were the respective numbers of days and reasons for the longest delay in each year?
2. What were the reasons for failing to achieve the target of accuracy of water meters in the past 2 years? What were the numbers of cases of inaccuracy exceeding plus or minus 3% in these 2 years? What were the respective amounts involved in the most serious cases of overcharging or undercharging of water tariff? What is the expected date of achieving the target of having 100% of water meters with accuracy level within plus or minus 3%?

Asked by: Hon CHAN Hak-kan (Member Question No. 27)

Reply:

1. (a) Issue of final bill after closure of account within three days

In 2013 and 2014, of the 107 065 and 123 543 cases of closure of account by the registered consumers, the number of cases that could not achieve the target for issuance of final bills were 397 (0.37%) and 433 (0.35%) respectively. The cases requiring the longest time for issuance of final bills in 2013 and 2014 were 46 days and 23 days respectively. The reason for not achieving the target in these cases was mainly because they involved exceptionally high consumption that required further special meter reading and site inspection to verify the correctness of the billable amount before issuance of final bills.

(b) Refund of water deposit within nine days

In 2013 and 2014, of the 131 685 and 140 250 cases of refund of water deposits, the number of cases that could not achieve the target were 297 (0.23%) and 201 (0.14%) respectively. The cases requiring the longest time for refund of water deposits in 2013 and 2014 were 62 days and 44 days respectively. The reasons for not achieving the target in these cases were mainly because of mis-location of the relevant documents and incomplete submission made by the applicants for processing the refund.

2. Based on the consideration of cost-effectiveness, the water meters in use are mostly mechanical type as in other developed cities. Due to wear and tear, the accuracy of mechanical water meters will gradually deteriorate when they are put in operation. Since regular meter replacement is the most economical and effective way to maintain the accuracy level of the water meter fleet, we have embarked on an extensive meter replacement programme and have improved the compliance rate of water meter accuracy (within  $\pm 3\%$ ) from 92.7% in 2006 to 96.7% in 2014.

In 2012-13 and 2013-14, there were 343 and 237 water meters tested for accuracy respectively as requested by the customers, and 18 and 11 of them had inaccuracy exceeding  $\pm 3\%$ . For water meters tested to be inaccurate, adjustment of the water charges will be made to the concerned accounts according to Regulation 31 of the Waterworks Regulations. Therefore, there will be no over-charging or under-charging of water charges.

100% compliance of water meter accuracy is the ultimate target when there is further technology advancement such that it is cost-effective to use water meters that are free from mechanical wear and tear. We will continue to review the water meter replacement strategy and strive for continuous improvement of the accuracy of water meters.

- End -



**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 2037)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

How many resources will be deployed by the Water Supplies Department for operating and maintaining fresh water supply and distribution systems in 2015-2016? Among them, how many will be used for replacing old underground water mains? What are the timetable for such work and the district distribution of the water main replacement works?

Asked by: Hon CHAN Han-pan (Member Question No. 40)

Reply:

In 2014-15, the recurrent expenditure for maintenance and operation of the distribution and supply systems funded by Head 194 is about \$900 million. The estimated expenditure in 2015-16 is about the same as in 2014-15.

As for the Replacement and Rehabilitation (R&R) programme of water mains, it is funded by the Capital Works Reserve Fund under Head 709 and the estimated expenditure is \$2,392 million in 2015-16. The R&R programme will be substantially completed by end 2015. The planned lengths of water mains to be replaced or rehabilitated in the 18 districts of Hong Kong in 2015-16 are shown as follows:

	District	Planned length of water mains to be replaced/rehabilitated in 2015-16 (km)
Hong Kong	Central & Western	11
	Wan Chai	13
	Eastern	13
	Southern	7
Kowloon	Kwun Tong	14
	Wong Tai Sin	5
	Kowloon City	13

	Yau Tsim Mong	9
	Sham Shui Po	7

	District	Planned length of water mains to be replaced/rehabilitated in 2015-16 (km)
New Territories	Sai Kung	23
	Sha Tin	8
	Tai Po	8
	North	26
	Yuen Long	34
	Tuen Mun	17
	Tsuen Wan	12
	Kwai Tsing	23
	Islands	7
	Total	250

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)103**

**(Question Serial No. 0684)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

There are about 7 800 kilometres of water mains in Hong Kong and most of them are laid underground. Although the Administration anticipates that the replacement and rehabilitation programme of water mains will be completed in this financial year, some water mains are still in need of emergency repairs from time to time. In this regard, will the Government advise this Committee on:

- (1) The numbers of occasions when the Government needed to carry out emergency repair works on water mains, classifications of reasons, quantities of water loss (fresh water and salt water) and total time spent on the repair works in the past three years;
- (2) The current establishment and expenditure for handling emergency and non-emergency repair works; whether outsourcing of repair works is involved, and if yes, the number of repairs and expenditure involved in the past three years; and
- (3) The respective production costs for the loss of fresh water and salt water for flushing due to damage of water mains in the past three years? Please provide the relevant estimates.

Asked by: Hon CHAN Yuen-han (Member Question No. 17)

Reply:

(1) In the past three financial years (i.e. 2012-13, 2013-14 and 2014-15 (up to February 2015)), the number of water main bursts that called for emergency repair was 267, 241 and 156 respectively. The annual quantity of fresh and salt water drained away due to water main bursts was less than 0.02% of the total water supplied in the respective years. The time spent on the repair works was on average about 10.6 hours per burst case. Burst of

water mains is commonly due to a confluence of factors, including ageing of water mains, ground settlement or upheaval and external loading or vibration.

(2) The staff establishment as at February 2015 for handling both emergency and non-emergency repair works for the water supply network including isolation of burst water mains or leaking water mains, arranging temporary water supply, supervision of the repair works etc. is about 300 (including inspectors, works supervisors and artisans/workmen) and the corresponding staff cost is about \$90 million in 2014-15. The repair works are carried out by term contractors. In the past three financial years, the number of emergency and non-emergency repair works was about 11 880, 9 470 and 8 940, and the associated expenditure were about \$162 million, \$140 million and \$113 million respectively.

(3) With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints and it is not considered appropriate to deduce a cost for the water drained away.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)104**

**(Question Serial No. 1387)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

What were the Government expenditures on the maintenance of the dedicated aqueduct for Dongjiang (DJ) water in the past five years? Could the Government provide the leakage rates of the dedicated aqueduct for DJ water in the past five years for reviewing the effectiveness of the maintenance work?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 32)

Reply:

The expenditures on the maintenance of the aqueducts for conveyance of Dongjiang water in the Hong Kong territory in the past five years were :

Financial year	2010-11	2011-12	2012-13	2013-14	2014-15
Cost (\$ million)	17.4	14.0	12.6	13.2	13.7

In the past five years, there were only one to two cases per year involving minor leaks at the pipe joints of the water mains in the aqueducts. The leakage rates were negligible.

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)105</b>
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**(Question Serial No. 2279)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

Regarding the planning and investigation study for a desalination plant at Tseung Kwan O, will the Government advise this Committee on the following:

In “Matters Requiring Special Attention” in 2014-15, it is stated that the Government “will continue with the planning and investigation study for a desalination plant at Tseung Kwan O”, while in “Matters Requiring Special Attention” in this year, it is stated that the Government will “take forward the design for a desalination plant and related infrastructure in stages at Tseung Kwan O”. Does this imply that the investigation study for the desalination plant has been completed? When was the investigation completed? What is the estimated time for publishing the findings of the study?

It is stated that the Government will “take forward the design for a desalination plant and related infrastructure in stages at Tseung Kwan O”. What are the details? Please provide the information using the table below.

<b>Stage</b>	<b>Item</b>	<b>Expected commencement date</b>	<b>Details of work</b>	<b>Expenditure involved</b>
1 (example)				
2				
3				
4				

Asked by: Hon KWOK Dennis (Member Question No. 19)

Reply:

We engaged a consultant to carry out a planning and investigation study for the construction of a desalination plant in Tseung Kwan O. The study commenced in December 2012 and is now largely completed.

The study has confirmed the technical feasibility including the environmental viability of the project. We reported the key findings and seek the support of the Legislative Council Panel on Development in March 2015 for proceeding to the next stage of the project for the review and design and associated site investigation works for the first stage of the proposed desalination plant.

The details of the next stage of the project are provided as follows: -

Stage	Item	Expected commencement date	Details of work	Expenditure involved
Review and Design	Water mains for delivery of water from desalination plant to service reservoirs (by in-house resources)	already commenced in Q4 of 2014	<ul style="list-style-type: none"><li>- Review of findings of the planning and investigation study related to the water mains</li><li>- Carrying out associated site investigation works</li><li>- Design of the water mains</li><li>- Preparation of the tender document and assessment of tenders</li></ul>	\$5 million
Review and Design	First Stage of the proposed Desalination Plant (by consultants)	Q4 of 2015	<ul style="list-style-type: none"><li>- Review of findings of the planning and investigation study and undertaking further impact assessments</li><li>- Carrying out associated site investigation works</li><li>- Preparation of design</li><li>- Preparation of tender document</li></ul>	\$155 million

			and assessment of tenders	
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- End -



**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 2280)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

- a) In the past 2 years (2013-14 and 2014-15), the number of projects under planning increased significantly from 19 items in 2013 to 29 items in 2014, and this year, it is estimated that there will be 30 items. Among the 30 items estimated for this year, how many have been commenced or are there any duplications with the items involved in the past 2 years, and if the project items of the past 2 years are included, what are the reasons for the slow progress in the planning of such items?
- b) Please provide the details of each project under planning.

	<b>Item</b>	<b>Date of planning</b>	<b>Details of work / progress</b>	<b>Expenditure involved</b>	<b>Expected commencement date of works</b>
	1 (example)				
	2				
	3				
	4				
	5				

Asked by: Hon KWOK Dennis (Member Question No. 20)

Reply:

- a) The projects under planning are mostly at conceptual and preliminary planning stage and are yet to be included in the Public Works Programme (PWP). They are subject to change and refinement and will go through the processes including defining scope

of works, generation of technically and financially viable options, and preliminary impact assessment before submission for inclusion in the PWP. Depending on the complexity and urgency of the project, it will normally take about 2 to 3 years for planning and another 4 years for detailed feasibility study, investigation, design, public engagement and tendering before commencement of construction of work. Some projects may not proceed after preliminary planning while others may go through to the subsequent stages of project delivery. New projects may also be added each year to the planning list. Out of the 19 and 29 projects included in the planning lists of 2013-14 and 2014-15, 8 and 22 respectively have remained in the planning list of 2015-16.

- b) The 30 projects under planning in 2015-16 are categorised into three groups as provided in the table below. They are subject to change and refinement.

<b>Group</b>	<b>Project under planning (Note)</b>	<b>Expenditure involved</b>	<b>Expected commencement date of works</b>
A	Provision of water supply to cope with land supply and new developments (23 projects)	In the order of \$7,100 million (based on preliminary cost estimation)	Project programme to be determined during the planning process
B	Enhancement or improvement of existing water supply infrastructure including water mains, water treatment works, service reservoir and pumping station (5 projects)		
C	Implementation of new water resources including seawater desalination (2 projects)		

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)107**

**(Question Serial No. 2281)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

- a) Apart from expanding the seawater flushing system and commissioning the desalination plant at Tseung Kwan O in 2020, the Government indicated that it planned to provide reclaimed water in the North East New Territories (NENT), and promote “grey water reuse” and “rainwater harvesting”. The study of the supply of reclaimed water in NENT has also been reflected in “Matters Requiring Special Attention” in this year. In late November last year, this Committee was informed of the progress of the study that the tertiary treated effluent from the Shek Wu Hui Treatment Works would be converted into reclaimed water for supplying to the NENT New Development Areas, Sheung Shui and Fanling for flushing and non-potable uses. Today, four months later, what are the progress and details of the study? What is the estimated time for completion of the study? Please advise on the breakdown of the estimated expenditure on the study.
- b) What are the specific measures for and progress of the promotion of “grey water reuse” and “rainwater harvesting”? Please provide the information in detail.
- c) Apart from the items mentioned above, has the Administration taken any other measures to develop sustainable water resource management? If yes, what are the details? If no, what are the reasons?

Asked by: Hon KWOK Dennis (Member Question No. 22)

Reply:

- a) With regard to the water reclamation project, we have completed the technical studies including water quality standard and pilot test for production of reclaimed water using the treated effluent of the Shek Wu Hui sewage treatment works for flushing and other non-potable uses in the north-eastern part of the New Territories. We have started

planning of the infrastructure and target to supply reclaimed water starting from 2022. We will also conduct a study on the financial and legal aspects of the supply of reclaimed water. This study is targeted for completion by 2016. The estimated expenditure on this study in 2015-16 is \$4 million.

- b) With regard to the use of grey water recycling and rainwater harvesting systems, we have completed the studies on establishing technical and water quality standards. We will provide more detailed guidelines on the use of recycled water in government buildings. Furthermore, to promote wider use of recycled water in private sector, we will work in collaboration with the Hong Kong Green Building Council in the review of the standard for assessing green buildings in respect of the weighting for the use of recycled water.
- c) Apart from the above, we have been implementing a number of measures to cope with the increase in water demand due to population and economic growth, and to enhance the resilience of our water sources to climate change impacts. The measures include progressive establishment of the Water Intelligent Network to monitor the conditions of the water supply networks to minimise water loss, and stepping up the initiatives of water conservation.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)108**

**(Question Serial No. 2282)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (2) Water Quality Control  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Government has reduced the number of items under “Matters Requiring Special Attention” from 5 last year (2014-15) to 2 this year, retaining the items of “monitor radiation levels in raw and treated fresh water at radiation screening centres” and “execute a water safety plan for the Department according to the WHO Guidelines” only. What are the reasons for the deletion? Does this mean that the Government will only complete the items mentioned? If no, which parts of the estimates can reflect the deleted work items? Are there any changes in the forms of such work? How will the work be performed?

Asked by: Hon KWOK Dennis (Member Question No. 24)

Reply:

The items taken out from the “Matters requiring Special Attention” in the Controlling Officer’s Report of the Water Supplies Department (WSD) in 2015-16 include -

1. continue to ensure that the quality of treated fresh water supplied to consumers conforms to current international standards.
2. continue with the regular water quality surveys and monitoring at all source points, in various treatment stages and throughout the entire supply and distribution systems.
3. continue to publish water quality data through the department’s website.

These items have become a standing arrangement of the department or part of our routine activities. The details of the work for item 1 and item 2 and related performance measures are provided in paragraphs 8 to 10 of the Controlling Officer’s Report for Head 194.

WSD will continue to monitor water quality regularly from all source points on an ongoing basis to ensure that the quality of freshwater supplied to consumers conforms to international standards. WSD will also continue to publish water quality data on the department’s website at half-yearly intervals.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)109**

**(Question Serial No. 0769)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding “to plan and develop water resources and to design and construct water supply systems” mentioned in the Aim of the Programme, will the Government advise this Committee on:

- (1) The proportions of the sources of fresh water supply in Hong Kong, and the consumptions and unit costs of various water resources in the past three years; and
- (2) The progress of the study of water reclamation and estimated implementation timetable?

Asked by: Hon KWOK Wai-keung (Member Question No. 33)

Reply:

- (1) The proportions of the sources of fresh water supply in Hong Kong, the respective water consumptions and unit costs in the past three financial years are as follows:

	2012-13			2013-14			2014-15 (Up to Jan 2015)		
	Consumption (million cubic metre)	%	Cost (\$/cubic metre)	Consumption (million cubic metre)	%	Cost (\$/cubic metre)	Consumption (million cubic metre)	%	Cost <sup>#</sup> (\$/cubic metre)
<b>From water collected locally</b>	218	23.4	4.0	339	36.2	4.0	242	29.8	4.2
<b>From Dongjiang</b>	715	76.6	8.4*	598	63.8	8.6*	569	70.2	9.1*

<b>water</b>									
<b>Total quantity of fresh water supply</b>	<b>933</b>	<b>100</b>	<b>7.9</b>	<b>937</b>	<b>100</b>	<b>8.1</b>	<b>811</b>	<b>100</b>	<b>8.4</b>

# Based on 2014-15 financial year projections.

\* Based on the water supply ceiling of 820 million cubic metres a year under the agreement.

- (2) We are planning the use of reclaimed water in the north-eastern part of the New Territories including Sheung Shui, Fanling and new development area for toilet flushing and other non-potable uses. We will also conduct a study on the financial and legal aspects of the supply of reclaimed water. The study is targeted for completion by 2016.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)110**

**(Question Serial No. 2769)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: Not specified  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in the Budget that the Government will start working on the design of a desalination plant at Tseung Kwan O and the associated infrastructure in phases this year. It is expected that the desalination plant will commence operation in 2020 and the annual output will account for five to ten per cent of Hong Kong's fresh water consumption. Will the Government advise on the latest estimated construction cost of the desalination plant; and the reduction in the quantity of Dongjiang water purchased in Hong Kong and the total amount of public money saved upon the commissioning of the desalination plant?

Asked by: Hon LAM Tai-fai (Member Question No. 26)

Reply:

We have largely completed a planning and investigation study for the construction of a desalination plant in Tseung Kwan O. Based on the study, the first stage of the plant and associated works (for the first stage output capacity of 135 000 cubic metres per day) accounts for about five per cent of Hong Kong's fresh water consumption. We plan to seek funding in 2015 for the review of the latest desalination technology, detailed design and associated site investigation works for the first stage of the proposed desalination plant. The cost estimate of the works will be determined at the design stage.

In regard to the quantity of Dongjiang (DJ) water to be purchased, we will in due course carry out a detailed analysis based on the fresh water demand forecast and the water supply from local yield as well as from the desalination plant upon its commissioning with a view to meeting the needs of Hong Kong with 99% reliability in water supply. At this stage, it is too early to predict the quantity of DJ water to be purchased for Hong Kong by that time.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)111**

**(Question Serial No. 0272)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Does the Water Supplies Department have any plan to conduct studies on the control of fresh water use in government departments in the coming year? What is the expenditure involved?

Asked by: Hon LAU Wong-fat (Member Question No. 14)

Reply:

Following the completion of the water efficiency audit (WEA) studies with the Leisure and Cultural Services Department (LCSD) and the Food and Environmental Hygiene Department (FEHD), we will continue the WEA study with the Correctional Services Department (CSD) in the coming year. The Water Supplies Department has issued the best water-using guidelines to LCSD and FEHD and will issue similar guidelines to CSD upon completion of the WEA study.

The expenditure involved in the WEA study with CSD is estimated to be \$1.5 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)112**

**(Question Serial No. 1866)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

According to Paragraph 122 of the Budget Speech, to minimise water loss, the Government will progressively establish Water Intelligent Network by installing sensors in the water supply networks to monitor their conditions, as well as examine other techniques, such as data mining, to predict water main bursts for early identification and handling of defective water mains. Please advise on the expenditure on and implementation timetable for each measure; and the expected percentage reduction in water loss upon the implementation of these measures.

Asked by: Hon LEE Wai-king, Starry (Member Question No. 26)

Reply:

The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will make use of some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks. We will in parallel explore the latest data mining technique in predicting burst of water mains for assisting in the early identification of defective water mains for repair and/or replacement.

In regard to the development of the WIN, WSD is conducting studies and trials and will continue to set up DMAs. We will also explore the applications of the data mining techniques in pipe failure prediction using in-house resources at the initial stage. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractors to set up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full

implementation of WIN. The studies will also look at the reduction in leakage rate that it can achieve.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)113**

**(Question Serial No. 2512)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (2) Water Quality Control  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

As mentioned on page 856 of Volume I of the Estimates, the Water Supplies Department will “ensure that test samples taken from treatment works, service reservoirs, connection points, consumers’ taps, etc., conform to the standards stipulated in the WHO Guidelines”. Regarding this work, could the Department advise this Committee on the following:

- (1) What are the standards stipulated by the WHO?
- (2) Are there any obvious differences in the water quality standards and test results among factories, commercial buildings and domestic buildings? If yes, what are the differences?
- (3) At which of the components of the water supply chain (i.e. the treatment works, service reservoir, connection point and consumers’ tap) is the best and the worst water quality found?

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 12)

Reply:

- (1) The latest edition of the WHO’s “Guidelines for Drinking-water Quality” (WHO 2011) has established health-based guideline values for a total of 92 parameters, including 89 chemical, one bacteriological and two radiological parameters to ensure the safety of the drinking water supply for the protection of public health.
- (2) There is no difference in the water quality standard amongst different types of buildings. According to the monitoring results, the water quality of the water supply in Hong Kong complies fully with the WHO 2011 and there is no difference in the water quality amongst different types of buildings.

- (3) According to the monitoring results, the quality of the water leaving water treatment works and at the various source points complies fully with the WHO 2011. There is no difference of significance in the water quality amongst different sampling locations. However, the quality of water at consumers' taps may sometimes be affected by the condition of the water storage tanks and water pipes within their premises or lot boundaries. WSD has since July 2002 launched the "Fresh Water Plumbing Quality Maintenance Recognition Scheme", which has been re-titled to "Quality Water Supply Schemes for Buildings – Fresh Water and Flushing Water" in March 2015 to encourage the building owners and property managers to carry out regular cleansing of their water storage tanks and proper maintenance of their inside service to preserve good water quality at taps.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)114**

**(Question Serial No. 2517)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not Specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

The work of the Water Supplies Department includes “operating and maintaining fresh water supply and distribution systems” and “operating and maintaining salt water supply and distribution systems”. Will the Department advise this Committee on the following:

- (1) In 2014-15, how many water main burst incidents had occurred due to the ageing of fresh water mains and salt water mains for flushing? For each burst water main, how many years had it been used and what was its originally expected lifespan?
- (2) What measures has the Administration taken to address the problems of bursting and leakage of fresh water mains and salt water mains for flushing in 2015-16? What are the expenditure and manpower involved?
- (3) Please provide the total lengths, existing ages, average ages, median ages and maintenance costs in 2014-15 of the fresh water mains and salt water mains for flushing in the territory.

Total length of fresh water mains: \_\_\_\_\_

Total length of salt water mains for flushing: \_\_\_\_\_

Fresh water mains	Proportion to total length	Maintenance cost in 2014-15 (Hong Kong dollars)
Below 5 years		
5 to 10 years		
10 to <15 years		

15 to <20 years		
20 to <25 years		
25 to <30 years		
30 to <35 years		
35 to <40 years		
40 to <45 years		
45 to <50 years		
50 years or above		

Average age: \_\_\_\_\_

Median age: \_\_\_\_\_

Salt water mains for flushing	Proportion to total length	Maintenance cost in 2013-14 (Hong Kong dollars)
Below 5 years		
5 to 10 years		
10 to <15 years		
15 to <20 years		
20 to <25 years		
25 to <30 years		
30 to <35 years		
35 to <40 years		
40 to <45 years		
45 to <50 years		
50 years or above		

Average age: \_\_\_\_\_

Median age: \_\_\_\_\_

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 5)

Reply:



- (1) Water main burst is commonly due to a confluence of factors, including ageing of water mains, ground settlement or upheaval and external loading or vibration. The numbers of fresh and salt water main bursts in 2014-15 (up to February 2015) were 72 and 84 respectively. The numbers of years for which the water mains had been used before burst are shown in the table below-

Years of water main used before burst	Numbers of water main bursts in 2014-15 (up to February 2015)	
	Fresh water main	Salt water main
Below 5 years	1	1
5 to <10 years	0	3
10 to <15 years	2	4
15 to <20 years	0	4
20 to <25 years	3	1
25 to <30 years	3	10
30 years or above	63	61
Total	72	84

The water supply networks are made up of pipelines of different materials. The service life of the water mains varies with the type of pipe materials, the ground conditions and the type of water they carry. Most of the burst water mains had been in use for nearly or more than 30 years before burst and were reaching the end of the typical service lives.

- (2) We have been taking a multi-pronged approach to tackle the water main burst and leakage problem including leakage detection, pressure management and implementation of the Replacement and Rehabilitation (R&R) Programme for water mains. In 2015-16, the expenditure on implementing all these measures is estimated to be about \$2,550 million. Some of these works are implemented by consultants. The number of in-house staff involved for implementation of the measures is about 100.

The current R&R Programme of about 3 000 km of water mains will be substantially completed by the end of 2015. To enable continuous monitoring on the health conditions of the water supply networks, the Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of the some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractor to set up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full development of WIN.

- (3) The total lengths, ages, average ages and median ages of fresh water mains and salt water mains of WSD in the territory are provided below -

Total length of fresh water mains: about 6 300 kilometres (km)

Total length of salt water mains for flushing: about 1 500 km

Age of fresh water mains	Proportion to total length
Below 5 years	14%
5 to <10 years	20%
10 to <15 years	16%
15 to <20 years	12%
20 to <25 years	9%
25 to <30 years	8%
30 years or above	21%
Total	100%

Average age: approximately 19 years

Median age: approximately 15 years

Age of salt water mains for flushing	Proportion to total length
Below 5 years	13%
5 to <10 years	21%
10 to <15 years	17%
15 to <20 years	15%
20 to <25 years	11%
25 to <30 years	8%
30 years or above	15%
Total	100%

Average age: approximately 18 years

Median age: approximately 15 years

In 2014-15, the expenditure on maintenance and repair of water mains is about \$220 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)115**

**(Question Serial No. 2911)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

1. What were the daily per capita consumptions in Hong Kong in the past five years?
2. Has the Government compared the above figures with the global daily per capita consumption and to which level (e.g. developed country, developing country, etc.) is Hong Kong comparable in terms of daily per capita consumption? If no, what are the reasons?
3. What were the government expenditures on subsidising water charges and the purchasing power parities of the water charges in Hong Kong when compared with countries with the same levels of daily per capita consumption in the past five years? Please provide the figures using the table below.

Year	Amount of government subsidy on water charges (\$)	Purchasing power parity

4. Has the Government made reference to the 12<sup>th</sup> Five-Year Plan of the Ministry of Water Resources of the People's Republic of China when implementing seawater desalination? If no, what are the policy targets for the planning of the desalination plant?

Asked by: Hon LEUNG Kenneth (Member Question No. 4.02)

Reply:

1. The daily per capita domestic water consumption in Hong Kong in the past five years are as follows:

Financial Year	Daily Per Capita Domestic Water Consumption (Litres/day) *
2009-10	184.0
2010-11	180.4
2011-12	181.3
2012-13	182.0
2013-14	183.5

\* Per capita domestic water consumption is the total of the per capita domestic fresh water consumption (about 70%) and the estimated per capita domestic flushing water consumption (about 30%).

2. According to the International Water Association International Statistics 2014, the per capita domestic water consumption (including flushing) in some major cities are listed below for reference.

Cities / Countries	Daily Per Capita Domestic Water Consumption
Gabon	143
Beijing, China	150
Singapore	154
London, UK	163
Sao Paulo State, Brazil	176
Sydney, Australia	200
Tokyo, Japan	225
Seoul, South Korea	286
Taipei, Taiwan	340
Los Angeles, USA	466

Notes: The daily per capita domestic water consumption in a city/country depends on a number of factors including the availability of water resources, the water using habit of the residents, the household size and the local climate conditions. Gardening may also be common in some cities which will significantly increase its daily per capita domestic water consumption.

3. The Waterworks Operating Accounts have been in deficit for many years. The deficit represents the excess of the total operating costs over the total income, which includes two notional items, i.e. contribution from rates and contribution from government on free allowance to consumers. The amounts of deficit in the past five years are given in the table below.

Financial Year	Deficit (\$ million)
2009-10	649.1
2010-11	955.3
2011-12	1,025.3
2012-13	1,007.7
2013-14	930.9

The Water Supplies Department has no information about the purchasing power parity of water charges in Hong Kong and other countries.

4. Hong Kong is not under the regulatory framework of the 12<sup>th</sup> Five-Year Plan. However, having considered the relevant guiding principles on water development and being a responsible partner to other cities in the Pearl River Delta, Hong Kong has investigated and explored the alternative water resource by seawater desalination, to cope with the climate change and the keen demand for fresh water resources in the region.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)116**

**(Question Serial No. 3152)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

What are the project estimates, staff establishment and detailed timetable for Water Intelligent Network? Please advise on the details of the expenditure on the investigation study, project design, construction, cost of sensors and manpower.

Asked by: Hon LEUNG Kenneth (Member Question No. 4.07)

Reply:

The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractor to set up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full implementation of WIN.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)117**

**(Question Serial No. 3113)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The ageing of water mains increases the number of water main bursts and leaks which not only waste the precious water resources, but also cause much inconvenience to the public. In this regard, could the Government advise this Committee on the following:

1. What were the quantities of water loss due to water main bursts and leaks in the past 3 years, and the amounts of expenditure involved?
2. What were the progresses of the replacement of aged water mains in the past 3 years, and the amounts of resources allocated for such work? Please list out each expenditure item in detail.
3. Will the Government increase the resources and manpower for expediting the replacement of aged water mains and reducing wastage of water resources? If yes, what are the details? If no, what are the reasons?

Asked by: Hon LEUNG Mei-fun, Priscilla (Member Question No. 48)

Reply:

1. In 2012, 2013 and 2014, the water leakage rate was 18%, 17% and 16% respectively, and the annual quantity of fresh water drained away due to water main bursts was less than 0.02% of the total water supplied in the respective year. With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints and it is not considered appropriate to deduce a cost for the water drained away.

2. In the past three financial years, the length of water mains replaced or rehabilitated and the corresponding expenditures are given in the table below:

Financial year	Length of water mains replaced or rehabilitated (km)	Expenditure (\$ million)		
		Construction works	Employment of consultants including site staff for works supervision	Total
2011-12	235	1,710	267	1,977
2012-13	295	1,882	315	2,197
2013-14	320	2,344	408	2,752

3. The Replacement and Rehabilitation (R&R) of about 3 000 km water mains programme was originally planned for implementation in stages over a 20-year period from 2000 to 2020. Since 2005, we have redeployed more resources and compressed the works programme to advance the target completion date of the entire project by five years, i.e. completion of the programme within 15 years by 2015. The R&R programme is about 91% completed with 2 730 km of water mains replaced/rehabilitated as at February 2015. The programme is anticipated to be substantially completed by the end of 2015.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)118**

**(Question Serial No. 1071)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Government announced the establishment of Water Intelligent Network in the water supply networks of Hong Kong by installing sensors on underground water mains to monitor water loss. In this regard, could the Government advise this Committee on:

1. The estimated time for commencement of the preliminary study and expenditure involved; and
2. Whether the Government will consider co-operating with academia and the business sector to develop the monitoring techniques in this respect; if yes, the details; and if not, the reasons for that?

Asked by: Hon LO Wai-kwok (Member Question No. 14)

Reply:

1. The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of the some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD has been liaising with the solution providers/equipment vendors for commencement of the studies and trials progressively from the first quarter of 2015. The estimated expenditure for engaging solution providers/equipment vendors to conduct the studies and trials is \$4 million in 2015-16.

2. Technologies related to DMA are very mature. For the development of WIN, WSD is working with solution providers/equipment vendors to implement studies and trials on a number of intelligent network management systems and high end sensors for data acquisition and analysis with a view to enhancing network visibility for early identification of network anomalies. We are also collaborating with a local university on exploring a theme-based study on smart urban water supply system.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)119**

**(Question Serial No. 1074)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Government will start working on the design of a desalination plant at Tseung Kwan O and the associated infrastructure in phases this year. Some groups are concerned about the water quality of the site because a large quantity of noctiluca scintillan has been found in a seawater sample collected. They are worried that the close proximity between the desalination plant and the landfill may affect the safety of drinking water in Hong Kong. Could the Government advise on:

1. Whether tests of the quality of the seawater concerned have been conducted; if yes, the results;
2. What improvement measures will be taken if the water quality does not comply with the safety standards of drinking water; and
3. Whether the Government will consider producing “NEWater” apart from seawater desalination; if yes, the details; and if not, the reasons for that?

Asked by: Hon LO Wai-kwok (Member Question No. 18)

Reply:

1. We have carried out seawater sampling and laboratory testing over a period of 12 months near the proposed site for the desalination plant in Tseung Kwan O to characterise the seawater quality. Based on the seawater characterisation results, there is no sign of contamination of the seawater by leachate leakage and the seawater quality is suitable for desalination to produce potable water in compliance with the latest edition of the World Health Organisation's “Guidelines for Drinking-water Quality” (WHO 2011).

2. We will keep close monitoring of the seawater quality during the operation of the proposed desalination plant by sampling and testing and actively control the treatment process to ensure that the desalinated water produced from the plant complies with WHO 2011. In the event that the desalinated water quality does not comply with the standard, the supply from the desalination plant will be temporarily suspended and fresh water from other sources will be deployed for supply to the customers. The treatment process will be critically reviewed and adjusted to deal with the seawater quality and the desalinated water will be tested to ensure full compliance with WHO 2011 before resuming supply to the customers.

3. Apart from seawater desalination, we are actively pursuing the use of reclaimed water as an alternative water resource for non-potable applications. In this regard, we have completed technical studies including water quality standard and pilot test on the use of treated effluent of the Shek Wu Hui sewage treatment works for production of reclaimed water for supplying to the north-eastern part of the New Territories for flushing and other non-potable uses. We have started the planning of the infrastructure and target to supply reclaimed water starting from 2022. We will also conduct a study on the financial and legal aspects of the supply of reclaimed water. The study is targeted for completion by 2016.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)120**

**(Question Serial No. 1081)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

What items are included in the 30 projects under planning in the Estimates of the Water Supplies Department in 2015? What are the estimated expenditure on and the scheduled commencement date of works for each item?

Asked by: Hon LO Wai-kwok (Member Question No. 27)

Reply:

The 30 projects under planning are categorised into three groups as provided in the table below. They are mostly at conceptual and preliminary planning stage and are yet to be included in the Public Works Programme. They are subject to change and refinement.

<b>Group</b>	<b>Project under planning</b>	<b>Expenditure involved</b>	<b>Expected commencement date of works</b>
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A	Provision of water supply to cope with land supply and new developments (23 projects)	In the order of \$7,100 million (based on preliminary cost estimation)	Project programme to be determined in the planning process
B	Enhancement or improvement of existing water supply infrastructure including water mains, water treatment works, service reservoir and pumping station (5 projects)		
C	Implementation of new water resources including water reclamation and seawater desalination (2 projects)		

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 0914)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (3) Customer Services  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in the Programme that there will be an increase of 26 new posts in 2015-2016. In this regard, will the Government advise this Committee on the following:

- (1) What are the details of the processing of applications for salt water supply for flushing and conversion of temporary mains water for flushing to salt water supply for flushing in the North West New Territories mentioned in the Programme, and the staff establishment and expenditure involved?
- (2) It is also mentioned in the Programme that the new posts are for replacement of water meters. What is the current staff establishment in the Department for such task? What is the water meter replacement programme in 2015-2016? What were the details of the cases of inaccurate water meters or suspected unauthorised use of water meters found by direct investigations, reports received, etc. in the past three years?

Asked by: Hon MAK Mei-kuen (Member Question No. 36)

Reply:

- (1) A salt water supply system for flushing in the North West New Territories has been completed in early 2015. As the area is currently using temporary mains water for flushing, the Water Supplies Department (WSD) will set up a dedicated team in 2015-16 for carrying out the work for conversion to salt water supply for flushing in the area. The team is for processing new applications from the buildings for salt water supply including engagement of consumers, vetting of plumbing proposals, site inspection of plumbing works, arrangement for making salt water supply connections to the buildings, etc. The team will consist of 4 technical staff with ranks ranging from waterworks inspector to consumer services inspector. Apart from the in-house team, consultants will be engaged to assist in carrying out the works for the conversion

to salt water supply for flushing in the area and it is anticipated that the consultancy agreement will commence in April 2015 at an estimated cost of \$17 million.

- (2) About 80% of the water meter replacement works are implemented through contractors under the annual water meter replacement programme whilst the remaining 20% of the water meter replacement works are carried out by WSD's in-house resources of 50 technical staff consisting of 34 civil service staff and 16 non-civil service contract staff with ranks ranging from chief technical officer to workman. In 2015-16, 16 civil service posts (4 assistant waterworks inspectors, 6 consumer services inspectors and 6 works supervisor II) will be created in WSD to replace the 16 existing non-civil service contract posts of the same ranks for the water meter replacement works.

In 2015-16, WSD plans to replace about 200 000 water meters, which have reached the end of their service lives.

The total number of water meters, which were found to be inaccurate or defective, in 2012-13, 2013-14 and 2014-15 (up to end January 2015) are 6 295, 6 905 and 5 610 respectively. There is no reported case in relation to unauthorised use of water meter in the past three years.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)122**

**(Question Serial No. 2418)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

- (a) What is the progress of the planning and investigation study for the desalination plant at Tseung Kwan O at present? Apart from seawater desalination, are there any specific and feasible measures to reduce the reliance on Dongjiang water?
- (b) Please compare the costs of water produced by desalination (per cubic metre) between Hong Kong and overseas countries (e.g. Singapore, the UK, the USA, Australia, Canada, etc.) and explain the differences.
- (c) Please provide the estimated expenditures on Dongjiang water (including total supply quantities, total water costs and average water costs per cubic metre) in the past 3 years and in 2015-16.
- (d) Please provide the quantities of the discharge of fresh water to the sea resulting from overflow from reservoirs and the total expenditures involved in the past 3 years.

Asked by: Hon MO Claudia (Member Question No. 27)

Reply:

(a) The planning and investigation study for the construction of a desalination plant in Tseung Kwan O (TKO) has been largely completed. The study has confirmed the technical feasibility including the environmental viability of the project.

Apart from seawater desalination, we have been implementing a number of water demand and supply management measures to cope with the increase in water demand due to population and economic growth, and to enhance the resilience of our water sources to climate change impacts. The measures include extending the salt water supply networks for flushing purposes, taking forward the development of the reclaimed water supply system to the north-eastern part of the New Territories for flushing and other non-potable uses, enhancing water leakage control and encouraging grey water recycling /rainwater harvesting

in new government developments. We have also been stepping up the effort on water conservation with an aim to reducing the water demand.

(b) The estimated unit water production cost of the proposed desalination plant in TKO is about \$12-13 per cubic metre (m<sup>3</sup>) (at 2013 price level) including the distribution and customer services costs.

According to the information from the International Desalination Association published in 2010, the unit production costs (not including the distribution and customer services costs) of desalinated water of some countries are as follows-

Country	Unit production cost (HK\$/m <sup>3</sup> )
Singapore (Singspring)	6.1
USA	6.2 – 8.3
Spain (Barcelona)	8.9
Australia	9.3 – 23.7

The variations in the unit production cost of the desalinated water in different countries are attributed to a number of factors such as price levels of construction and energy, scale of the desalination plant, the required desalinated water quality, etc.

The estimated water production cost (not including the distribution and customer services costs) at 2010 price level of the proposed desalination plant in TKO is \$8.3/ m<sup>3</sup> to \$9.1/m<sup>3</sup> which is comparable with those of the above countries.

(c) The expenditures on purchasing Dongjiang (DJ) water in the past three years and the estimated expenditures in 2015 and 2016 are as follows –

DJ water	2012	2013	2014	2015	2016
Annual supply ceiling quantity (million m <sup>3</sup> )	820	820	820	820	820
Purchase price (\$ million)	3,538.7	3,743.3	3,959.34	4,222.79	4,491.52
Average water cost (\$/ m <sup>3</sup> )	4.3	4.6	4.8	5.1	5.5

(d) Overflow quantities from reservoirs in the past three years were 15.4 million m<sup>3</sup> (2012), 40.2 million m<sup>3</sup> (2013) and 23.1 million m<sup>3</sup> (2014). The overflow was from locally collected rainwater in small and medium reservoirs during heavy rainstorms and there was no expenditure incurred.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)123**

**(Question Serial No. 2714)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Please advise on the road sections in Hong Kong where sensors are installed at water mains and the proportion of such water mains to the entire water supply network; the specific plan and timetable for establishing Water Intelligent Network by the Government; and the present situation and amount of financial resources involved in Water Intelligent Network.

Asked by: Hon QUAT Elizabeth (Member Question No. 43)

Reply:

The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will make use of some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractor to set up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full implementation of WIN.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)124**

**(Question Serial No. 0095)**

Head: (194) Water Supplies Department

Subhead (No. & title): (000) Operational expenses

Programme: Not Specified

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

The Water Supplies Department stated that the number of non-directorate posts will be increased by 27 to 4 484 posts as at 31 March 2016. Please inform this Council of the nature of work, ranks and salaries of these new posts.

Asked by: Hon Abraham SHEK Lai-him (Member Question No. 19)

Reply:

Details of the 27 non-directorate posts to be created in the Water Supplies Department in 2015-16 are as follows -

Nature of Work	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank (\$)
To deliver the water mains laying works in association with the Tseung Kwan O desalination plant	Engineer/ Assistant Engineer	1	673,860
To process new applications for salt water supply for flushing and conversion of temporary mains water for flushing to salt water supply for flushing in the North West New Territories	Waterworks Inspector	1	594,180
	Assistant Waterworks Inspector	1	373,440
	Consumer Services Inspector	2	278,520

Nature of Work	Rank	Number of Posts	Notional Annual Mid-point Salary Value of the Rank (\$)
To replace aged water meters	Assistant Waterworks Inspector	4	373,440
	Consumer Services Inspector	6	278,520
	Works Supervisor II	6	247,200
To strengthen the provision of quality customer services in the Customer Enquiry Centres and Customer Accounts Section of the Customer Services Branch	Assistant Clerical Officer	6	232,920

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)125**

**(Question Serial No. 0114)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not Specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Water Supplies Department engaged a consultant to carry out a study for the setting up of a seawater desalination plant and it was expected the study shall be completed by early 2015. In this connection, will the Government inform this Committee: the progress of the study and whether it can provide the details about the cost-effectiveness of seawater desalination in Hong Kong; since the reverse osmosis technology is an energy intensive process, what are the plans to enhance energy efficiency so as to lower the cost?

Asked by: Hon Abraham SHEK Lai-him (Member Question No. 45)

Reply:

We engaged a consultant to carry out a planning and investigation study for the construction of a desalination plant in Tseung Kwan O (TKO). The study commenced in December 2012 and is now largely completed.

The study has confirmed the technical feasibility including the environmental viability of the project. It has also completed a preliminary design of the plant with due emphasis on an optimal whole life cycle. The estimated unit water production cost of the proposed desalination plant is about \$12 to \$13 per cubic metre (at 2013 price level) which is in comparable order with the range of unit cost for producing fresh water by seawater desalination using reverse osmosis technology overseas. As climate change will increase the likelihood of consecutive droughts and affect the water resources available in Dongjiang as well as the local yield, we need to develop the alternative water resource by seawater desalination which is not susceptible to climate change to safeguard our water security.

We plan to seek funding in 2015 for the review of the latest desalination technology, detailed design and associated site investigation works for the first stage of the proposed desalination plant. During the design stage of the project, we will look into details of

various options of reducing the cost of desalination. We will adopt the latest state-of-the-art desalination technology as appropriate including optimal pre-treatment process, thinner membrane, larger sized reverse osmosis modules and recovery system for greater energy efficiency.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)126**

**(Question Serial No. 3128)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is stated in the Programme that the Government will carry out investigation and studies on the use of reclaimed water for toilet flushing and other non-potable purposes in the North East New Territories. In this regard, will the Government advise this Committee on:

- (1) The progress of the studies; the expected achievement upon the adoption of such technology; the staff establishment involved and the expenditure on the studies in 2014-2015; and
- (2) Whether there is any plan to implement a pilot scheme in 2015-2016 to assess the actual effectiveness of the operation, if yes, what the details and estimates are; and whether the Administration has any plan to extend the scheme to other districts, if yes, what the details are, and if no, whether there is any plan to increase the staff establishment so as to continue to carry out the investigation and studies, and what expenditure will be involved?

Asked by: Hon TANG Ka-piu (Member Question No. 24)

Reply:

- (1) We have completed technical studies including water quality standard and pilot test for production of reclaimed water using treated effluent of the Shek Wu Hui sewage treatment works for flushing and other non-potable uses in the north-eastern part of the New Territories. We have started the planning of the infrastructure and target to supply reclaimed water starting from 2022. We anticipate that it will save up to 21 million cubic meter of fresh water each year. We will also conduct a study on the financial and legal aspects of the supply of reclaimed water. The study is targeted for completion by 2016. In 2014-15, 0.5 in-house professional staff was assigned for the work on the proposed reclaimed water supply.



(2) The Government has conducted two pilot schemes on reclaimed water in Ngong Ping and Shek Wu Hui. Our conclusion is that both schemes indicate that the production of reclaimed water from treated sewage effluent for non-potable uses is technically feasible. There is currently no plan to conduct further pilot schemes in 2015-16. However, we will continue to use the existing in-house resources to explore opportunities for cost-effective use of reclaimed water for non-potable purposes in other districts.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)127**

**(Question Serial No. 0408)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not Specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in the Budget Speech that the Government will start working on the design of a desalination plant at Tseung Kwan O and the associated infrastructure in phases this year. It is expected that the desalination plant will commence operation in 2020 and the annual output will account for five to ten per cent of Hong Kong's fresh water consumption. In this regard, could the Government advise on:

1. The latest estimated construction cost and breakdown of the expenditure involved;
2. The cost comparison between producing fresh water by desalination and purchasing Dongjiang water; and
3. The specific plan for reducing the cost of desalination?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 6)

Reply:

1. We have largely completed a planning and investigation study for the construction of a desalination plant in Tseung Kwan O. Based on the study, the first stage of the plant and associated works (for the first stage output capacity of 135 000 cubic metres per day) accounts for about five per cent of Hong Kong's fresh water consumption. We plan to seek funding in 2015 for the review of the latest desalination technology, detailed design and associated site investigation works for the first stage of the proposed desalination plant. The cost estimate of the works will be determined at the design stage. Breakdown of the estimated cost of the plant will be available upon completion of the design in 2017.
2. The estimated unit water production cost of the proposed desalination plant is about \$12-13 per cubic metre (at 2013 price level). The unit water production cost using Dongjiang water is \$8.6 (at 2013-14 price level).

3. During the design stage of the project, we will look into details of various options of reducing the cost of desalination. We will adopt the latest state-of-the-art desalination technology as appropriate including optimal pre-treatment process, thinner membrane, larger sized reverse osmosis modules and advanced recovery system for greater energy efficiency.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)128**

**(Question Serial No. 0409)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not Specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in the Budget Speech that the Government will progressively establish Water Intelligent Network by installing sensors in the water supply networks to monitor their conditions, so as to minimise water loss. Could the Government advise on the details of the project including the estimated expenditure involved, districts covered and completion date of works, as well as how the project ties in with the replacement and rehabilitation programme of water mains which is still in progress?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 7)

Reply:

The current Replacement and Rehabilitation (R&R) Programme of about 3 000 km of water mains will be substantially completed by the end of 2015. To enable continuous monitoring on the health conditions of the water supply networks, the Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of the some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractors to set up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full implementation of WIN.

Prior to the WIN being fully put in place, the existing water supply networks will continue to age and deteriorate and it is still necessary to replace or rehabilitate those aged water mains with higher risk of failure in the interim. As a transitional arrangement, we will continue to identify water mains of higher risk for replacement and rehabilitation in order to sustain the healthiness of the water supply networks. In 2015-16, WSD will commission consultants to undertake investigation and design for replacement and rehabilitation of 21 km of water mains and the estimated expenditure is about \$4 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 3232)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

Regarding “continue to oversee the maintenance and improvement of the water supply infrastructure, including the watermains replacement and rehabilitation programme”, the Secretary for Development, Mr Paul Chan, has indicated in his blog that since 2000, the Water Supplies Department has been carrying out a 15-year territory-wide water mains replacement and rehabilitation (R&R) programme to renew 3 000 kilometres of water mains in stages. Regarding the actual estimates for 2011-12, 2012-13 and 2013-14, revised estimate for 2014-2015 and estimate for 2015-16, please advise this Committee on:

- (1) The timetable and expenditure involved in the territory-wide R&R programme; and
- (2) The reasons for the most difficult aspect of the entire programme which impeded the progress of works.

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. 64)

Reply:

- (1) In the past three financial years (2011-12, 2012-13 and 2013-14), the lengths of water mains completed under the Replacement & Rehabilitation (R&R) programme of water mains and the corresponding actual expenditures are given in the table below:

Financial year	Length of water mains replaced/ rehabilitated (km)	Actual expenditure (\$ million)		
		Works	Employment of consultants including site staff for works supervision	Total
2011-12	235	1,710	267	1,977
2012-13	295	1,882	315	2,197

2013-14	320	2,344	408	2,752
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In the current and next financial years (2014-15 and 2015-16), the target lengths of water mains to be completed under the R&R programme and the corresponding forecast expenditures are given in the table below:

Financial year	Target length of water mains to be replaced/rehabilitated (km)	Forecast expenditure (\$ million)		
		Works	Employment of consultants including site staff for works supervision	Total
2014-15	365	2,093	360	2,453 <sup>#</sup>
2015-16	250	2,088	304	2,392 <sup>*</sup>

( # Revised Estimates in 2014-15

\* Draft Estimates in 2015-16 )

- (2) The major difficulties that affect the progress of R&R works include traffic constraints, construction noise permit restrictions, interfaces with other projects, congested underground utilities, protection zones of old and valuable trees and objections from stakeholders.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)130**

**(Question Serial No. 3097)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is stated in the Programme that the Government will carry out a review study on the total water management strategy. In this regard, will the Government advise this Committee on:

- (1) The detailed plan for different measures taken at present to encourage the public to save water, and the review on the effectiveness of and indicators for these measures; and
- (2) The additional expenditure and staff establishment involved in each water-saving programme in 2015-2016; whether there are any new measures for enhancing the promotion and effectiveness of water conservation?

Asked by: Hon WONG Kwok-hing (Member Question No. 29)

Reply:

(1) The Water Supplies Department (WSD) has been implementing a multi-pronged approach to promote water conservation in both domestic and non-domestic sectors using hardware and software measures.

In regard to domestic consumption, WSD launched a large scale campaign, namely "Let's Save 10L Water" in March 2014. The public are encouraged to sign a commitment certificate on-line to pledge their support for using water wisely and save 10 litres water consumption per day. Each participating household is entitled to receive a pair of complimentary flow controllers for water taps from WSD to help conserve water. The original target for distribution of flow controllers was 30 000 households but flow controllers were distributed to over 135 000 households as at end February 2015. In tandem, WSD extended the Voluntary Water Efficiency Labelling Scheme to cover flow



controllers in August 2014 in addition to showers for bathing, water taps, washing machines and urinal equipment.

Moreover, WSD commenced a pilot project in August 2014 to install flow controllers free of charge at both water taps and showers of 16 selected public housing estates with an overall target of 25 000 households. As at end February 2015, WSD has installed flow controllers to about 21 800 households in 15 estates.

In regard to non-domestic consumption, WSD has been carrying out water efficiency audits and developing the best water-using guidelines for selected government facilities and commercial trades such as hotels, restaurants and laundries. In addition, WSD commenced a 2-year programme in September 2014 to install flow controllers in schools and government buildings.

WSD will conduct a domestic water consumption survey in 2015 to assess the effectiveness of the public education and promotion activities on water conservation.

(2) WSD plans to implement a number of new water conservation initiatives in 2015-16. The major initiatives include the Water Conservation Integrated Education Programme (IEP) for primary schools and the Water Conservation Week:

- (i) The IEP aims at working in collaboration with the Subsidised Primary School Council and the Hong Kong Aided Primary School Heads Association to develop tailor-made education kit for primary school studies and train the teachers of participating primary schools to use the kit to facilitate pupils' in-depth learning on water conservation.
- (ii) The Water Conservation Week is planned to be held in November 2015, comprising a host of activities such as exhibition, conference, workshop, carnival, etc. During the Water Conservation Week, stakeholders from green groups, non-governmental organisations, youth groups, educational institutions, hotel and catering industry groups, and the Advisory Committee on Water Resources and Quality of Water Supplies, etc. will join hands to promote water conservation to different target groups and the community.

The estimated expenditure of implementing the above new water conservation initiatives together with the on-going initiatives is about \$15.2 million in 2015-16. In regard to the manpower resources, the team responsible for the work related to the promotion on water conservation has 16 staff, consisting of engineers, executive officer, public relations managers and officers.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)131**

**(Question Serial No. 3270)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is mentioned in Paragraph 122 of the Budget Speech that “to minimise water loss, we shall progressively establish Water Intelligent Network by installing sensors in the water supply networks to monitor their conditions. We shall also examine other techniques, such as data mining, to predict water main bursts for early identification and handling of defective water mains”. In this regard, will the Government advise this Committee on the following:

- (1) What are the estimates for conducting the technical study in 2015-16 (including the staff establishment, overseas duty visits and co-operation with local academic institutions), the scope of the study, and the timetables for the study and implementation?
- (2) What is the current distribution of underground fresh water mains with service lives of 25 to 30 years and 30 years above in Hong Kong? Please tabulate the lengths and service lives of such water mains in various districts.

Asked by: Hon WONG Kwok-kin (Member Question No. 21)

Reply:

- (1) The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is working with the solution providers/equipment vendors to implement studies and trials progressively from the first quarter of 2015 on a number of intelligent network management systems and high end sensors for data acquisition and analysis with a view to enhancing network visibility for early identification of network anomalies. We are also collaborating with a local university on exploring a theme-based study on smart urban water supply system. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials is \$4 million in 2015-16.

WSD will in parallel explore the latest data mining technique in predicting burst of water mains for assisting in the early identification of defective water mains for repair and/or replacement using in-house resources at the initial stage.

In 2015-16, the number of staff involved in the above studies and trials is 1.5 professional/technical officers.

- (2) The lengths in kilometres (km) of fresh water mains with ages between 25 and 30 years, and over 30 years in different districts of Hong Kong are listed below:

<b>District</b>	25-30 yrs	>30 yrs
Central & Western	16	105
Wan Chai	11	99
Eastern	24	77
Southern	19	94
Yau Tsim Mong	6	81
Sham Shui Po	10	59
Kowloon City	9	108
Kwun Tong	27	55
Wong Tai Sin	15	24
Sai Kung	35	78
Sha Tin	38	59
Tai Po	48	44
North	57	102
Tuen Mun	47	69
Yuen Long	86	139
Tsuen Wan	35	44
Kwai Tsing	32	77
Islands	23	83
Total	538	1 397

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)132**

**(Question Serial No. 1409)**

Head: (709) Capital Works Reserve Fund: Waterworks

Subhead (No. & title): Not specified

Programme: Not Specified

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

(1) What is the progress of Subhead 9192WC "Water supply to Pak Shek Kok reclamation area, Tai Po – stage 2 phase 1"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(2) What is the progress of Subhead 9237WF "Mainlaying along Fanling Highway and near She Shan Tsuen – stage 2"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(3) What is the progress of Subhead 9334WF "Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities – part 2 works"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(4) What is the progress of Subhead 9338WF "Mainlaying along Fanling Highway and near She Shan Tsuen, stage 1"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(5) What is the progress of Subhead 9344WF "In-situ reprovisioning of Sha Tin water treatment works – South Works – design and site investigation"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(6) What is the progress of Subhead 9345WF "Planning and investigation study of desalination plant at Tseung Kwan O"? How will the expenditure be spent in 2015-16? Can the entire project be completed on the date as forecast when the budget is approved?

(7) What is the progress of Subhead 9046WS “Uprating of Sha Tin salt water supply system”? There was no expenditure for 2014-15. What were the reasons? How will the expenditure be spent in 2015-16?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 48)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

(1) The works of 9192WC were substantially completed in April 2014. The expenditure in 2015-16 is allowed for the completion of the final account.

(2) The works of 9237WF are about 20% complete. The expenditure in 2015-16 will be incurred on mainlaying works. According to our latest forecast, the project will be completed on schedule.

(3) The works of 9334WF are about 35% complete. The expenditure in 2015-16 will be incurred mainly on the construction of the superstructure for the new process buildings and the installation of mechanical and electrical equipment in the Tai Po Water Treatment Works. According to our latest forecast, the project will be completed on schedule.

(4) The works of 9338WF were substantially completed in December 2014. The expenditure in 2015-16 is allowed for the completion of the final account.

(5) The design work of 9344WF had taken longer time than originally forecast mainly due to a longer time taken to address the risk of potential hazard arising from the use of chlorine in the water treatment works. The expenditure in 2015-16 will be mainly incurred on the outstanding design work.

(6) The planning and investigation work of 9345WF has been substantially completed. The expenditure in 2015-16 is allowed for the finalization of the final account.

(7) The last construction contract under 9046WS was substantially completed in August 2012. No expenditure was incurred in 2014-15 pending completion of the assessment of final measurement of the works and contractual claims. The assessment is expected to be completed in 2015-16, and expenditure will hence be incurred on the completion of final account.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)133**

**(Question Serial No. 4365)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

As indicated under the Programme, there will be an estimated 208 non-directorate posts in the Development Bureau (Works Branch) (DEVB(WB)) as at 31 March 2015 rising by 4 posts to 212 posts as at 31 March 2016. What are the types of the newly created posts and job nature? Meanwhile, there will be 27 directorate posts in the Bureau. Will the Government inform this Committee of the types, salaries, allowances and job nature of the 27 directorate posts, as well as the types, number, salaries, allowances and job nature of the 212 non-directorate permanent posts?

Asked by: Hon CHAN Chi-chuen (Member Question No. 55)

Reply:

Four new non-directorate professional/executive posts will be created in DEVB(WB) in 2015-16 to support Lantau development. Regarding the 27 directorate and 212 non-directorate posts in DEVB(WB), the salaries, allowances, job nature and types of posts are listed in the table below -

Job nature	Post	Number	Salaries (\$ million)	Allowances (\$ million)
<b>(A) Directorate posts</b>				
Overseeing all programmes of the Works Branch	D8	1	2.9	-
Heritage conservation, greening, landscape and tree management, administration & resource management, finance and works programme management	D4	1	2.2	0.1
	D2	3	5.3	0.4
	D1	6	8.8	0.2
Works policies and	D3	1	2.0	-

infrastructural projects	D2	4	6.7	0.2
	D1	5	7.5	-
Energizing Kowloon East	D3	1	1.8	0.2
	D2	1	1.8	-
Legal advisory service on public works	DL3	1	2.1	-
	DL2	2	3.2	0.4
	DL1	1	1.5	-
Total directorate posts:		27	45.8	1.5
<b>(B) Non-Directorate posts</b>				
To support various programmes of the Works Branch	Professional grades relevant to planning, lands and works	54	61.7	0.7
	Legal service grades	12	14.8	0.1
	General grades and supporting staff	146	71.8	0.8
Total non-directorate posts:		212	148.3	1.6
Total posts in the Works Branch:		239	194.1	3.1

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)134**

**(Question Serial No. 4889)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Policy Address that the Government intends to use Kowloon East as a pilot area to explore the feasibility of developing a Smart City. What are the relevant details?

Asked by: Hon CHAN Chi-chuen (Member Question No. 141)

Reply:

Under the "Smart City" initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)135**

**(Question Serial No. 4894)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is stated in the Policy Address that the Administration is reviewing the planning for the Kai Tak Development Area and the technical studies on the development intensity. It is anticipated that the Kai Tak Development Area will provide no fewer than 6 800 additional units (including about 1 000 units already approved) and not fewer than 430 000 square metres of additional commercial floor area. It is known that a number of redevelopment projects are being undertaken in Kwun Tong and Kowloon Bay. How many square metres of commercial floor area are expected to be provided in Kowloon East in future?

Asked by: Hon CHAN Chi-chuen (Member Question No. 146)

Reply:

Kowloon East has the potential to supply an additional commercial/office floor area of about 5 million square metres, of which 1.7 million square metres are from Kai Tak Development (including the 430 000 square metres of additional commercial floor area mentioned in the question) and 3.3 million square metres are from Kwun Tong and Kowloon Bay. Together with the existing supply of about 2 million square metres, Kowloon East will have the potential to provide a total of about 7 million square metres commercial/office supply in the long run.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)136**

**(Question Serial No. 4938)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What were the numbers of trees inspected each month for their health condition by the Tree Management Office (TMO) in the past 3 years, the percentages of trees that were visually inspected out of the total numbers of inspections and how many of the trees were healthy, diseased or dying? What were the manpower and expenditure allocated to the TMO in the past?

Please set out in tabular form the numbers of dying trees identified for follow-up work in the past 3 years, their locations, ages, species and the way they were dealt with?

Currently, how many experts are there in the TMO engaging in tree inspection, and what are their posts, numbers and annual salaries? What are the manpower and expenditure allocated to TMO in the coming year?

Asked by: Hon CHAN Chi-chuen (Member Question No. 231)

Reply:

TMO was established under the Development Bureau in 2010 to co-ordinate the Government's tree management policies and formulate guidelines to enhance the professionalism of tree management. Under the Government's "integrated approach" for tree management, the department responsible for the maintenance of an area or a facility is also responsible for the maintenance of the trees there, including implementing tree risk assessment (TRA) and management arrangement according to the guidelines promulgated by TMO. TMO will audit check TRA conducted by tree management departments to ensure that TRA complies with the promulgated guidelines. TMO will also refer problematic trees identified during audit, site inspection or patrol to relevant departments for follow up remedial actions. The number of TRA forms audited and the number of

problematic trees referred to departments for follow-up actions by TMO in the past three years are listed below –

	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15 (up to 31 December 2014)</b>
Number of TRA forms audited	658	816	833
Number of problematic trees referred to departments for follow up actions (Note 1)	1 143	1 547	945

**Note 1:**

Including those identified during TRA audit, site inspection or patrol.

Tree management departments will take appropriate measures for trees with health or structural problems. These may include pruning to remove diseased parts, improvement to cultural condition, mulching, application of approved pesticides and monitoring of tree condition. Tree removal is the last resort when there is no other practical remedial measure. The number of trees removed by core tree management departments in 2012-13 to 2014-15 due to health or structural problems which posed risks to public safety is listed below –

	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15 (up to 31 December 2014)</b>
Number of trees removed due to health or structural problems which posed risks to public safety (Note 2)	17 060	16 995	12 560

**Note 2:**

The distribution, age and species of removed trees are not available.

The 13 staff below take part in audit checking of departments' tree management works and tree inspection, which is part and parcel of their routine duties. The annual salaries of the staff involved are as follows –

Staff	Number	Annual salary range of staff (\$ million)
Tree Management Officer	6	0.81 to 0.98
Assistant Tree Management Officer	5	0.47 to 0.50
Field Officer	2	0.54 to 0.66

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)137**

**(Question Serial No. 4939)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Please set out in tabular form the projects, locations, greening categories, greening area as well as the manpower and expenditure involved in respect of the various district greening works carried out by the Development Bureau in the past 3 years.

Asked by: Hon CHAN Chi-chuen (Member Question No. 232)

Reply:

The Greening, Landscape and Tree Management Section (GLTMS) of the Development Bureau (DEVB) seeks to champion Government's policy on greening, landscaping and tree management, with a view to achieving the sustainable development of a greener environment for Hong Kong. Under DEVB's greening policy, government departments carry out greening works. We aim to enhance opportunities of quality greening during the planning and development of public works projects, and to make greening an integral part of major public works projects. As such, GLTMS coordinates a territory-wide greening programme among government departments each year to facilitate planning and monitoring of progress and outcome.

The programme covers the following aspects -

- (i) incorporate planting elements into works projects, and increase planting along roadside and expressways;
- (ii) carry out planting and beautification works at priority sites in the urban areas;
- (iii) provide vegetation on man-made slopes; and
- (iv) plant tree seedlings in the countryside.

A summary of the programme over the last three year is shown in the table below -

Calendar Year	Planting numbers (million)	Expenditure on greening works (\$ million)
2012	7.8	188.6
2013	7.8	176.7
2014	6.5	187.4

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)138**

**(Question Serial No. 4945)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Development Bureau (DEVB) is providing support to Hong Kong Special Administrative Region Government's involvement in the post-quake reconstruction work in Sichuan, including a leading role in liaising with the Sichuan authorities on 2 major road reconstruction projects, namely Provincial Road 303 and Mianmao Road as well as 23 reconstruction projects in the Wolong Natural Reserve. What are the details and locations of the reconstruction projects? Did the DEVB send its staff to the project sites in the past year to see if there were any jerry-built projects?

Media reports a couple years ago revealed that in the reconstruction projects supported by the Hong Kong Government, jerry-built projects had been found which could no longer be used and had even been demolished after completion. What follow-up work is taken by the Administration? Has the Administration pursued the matter with the local authorities in Sichuan?

Asked by: Hon CHAN Chi-chuen (Member Question No. 238)

Reply:

The Hong Kong Special Administrative Region (HKSAR) provides support for 183 reconstruction projects in the Sichuan earthquake stricken areas. As at March this year, except for the two highway projects (Provincial Road 303 and Mianmao Road) which have not been completed due to natural disasters, all the other projects have been completed and commenced operation. Regarding the projects undertaken by the Development Bureau (DEVB), namely the Provincial Road 303 and Mianmao Road projects, as well as the 23 reconstruction projects in the Wolong Natural Reserve, their locations and progress have been detailed in the Progress Report on the HKSAR's Work in Support of Reconstruction in

the Sichuan Earthquake Stricken Areas submitted to the Panel on Development of the Legislative Council (LegCo) in January 2015.

In the past year, DEVB and independent professional consultants conducted nine site inspections, technical audits and meetings for the above projects, involving 27 attendances. Up to now, no major works quality problems have been found in HKSAR reconstruction projects. As for defects in workmanship identified during the construction period of individual projects, the Hong Kong side has reported the cases under the liaison and co-ordination mechanism between the Sichuan and Hong Kong sides and the Sichuan side has taken timely follow-up action to rectify the problems properly. Regarding the original HKSAR reconstruction project of Mianyang Ethnic Secondary School, which was demolished upon completion, the Administration has explained the incident in detail in the Progress Report on the HKSAR's Work in Support of Reconstruction in the Sichuan Earthquake Stricken Areas submitted to the Panel on Development of LegCo in June 2012. The Sichuan Provincial People's Government confirmed that the Mianyang authorities had torn down the school without prior consent of the HKSAR Government, which was inconsistent with the arrangements for reconstruction projects agreed between the Sichuan and Hong Kong sides. Subsequently, the Sichuan Provincial People's Government has returned the \$2 million funding support to the Dedicated Account for HKSAR Reconstruction Projects, and the Trust Fund in Support of Reconstruction in the Sichuan Earthquake Stricken Areas has removed the school from its list of reconstruction projects.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)139**

**(Question Serial No. 4954)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Water Supply, (2) Heritage Conservation, (3) Greening, Landscape and Tree Management, (4) Energizing Kowloon East, (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Bureau set out in the table below details of the studies conducted by the consultancy firms or research institutions commissioned by the Development Bureau (Works Branch) over the past three years? Please also advise on the estimated provision for the studies.

Time of study	Study project	Objective of study	Scope of study	Research institution	Manpower involved	Expenditure

Asked by: Hon CHAN Chi-chuen (Member Question No. 82)

Reply:

Information on studies conducted by the consultancy firms or research institutions commissioned by the Development Bureau (Works Branch) with contract awarded in the past three years (2012-13, 2013-14 and 2014-15) is given in the table below:

Time of study	Title, objective and scope of study	Consultant or institution	Manpower involved	Estimated Expenditure (\$ million)
Sep 2012	Consultancy Study for Security of Payment Legislation – To review and compare overseas security of payment legislation and devise an implementation approach.	Pinsent Masons Management Ltd.	Taken up by existing staff	1.43



Time of study	Title, objective and scope of study	Consultant or institution	Manpower involved	Estimated Expenditure (\$ million)
Sep 2012	Implementation of Reference Class Forecasting to Large-scale Public Works Projects in Hong Kong – To develop a reference class of major roadwork projects of Highways Departments in Hong Kong.	Advisian Limited (formerly Evans & Peck (Hong Kong) Co. Ltd.	Taken up by existing staff	4.23
Oct 2012	Review of Construction Related Insurance for Public Works Contracts – To review the construction related insurance practices adopted in public works contracts.	Aon Hong Kong Ltd.	ditto	0.38
Dec 2012	Study on Industrial Heritage of Kowloon East and its Potential for Public Art and Urban Design – To study the industrial heritage in Kowloon East and transform its unique elements in urban design.	Culture and Development Consultancy Ltd.	ditto	1.34
Jan 2013	Opinion Survey on Public Perception and Aspiration on Greening - To collect public view on greening.	Mercado Solutions Associates Ltd	ditto	0.35
Jan 2013	Field and in vitro evaluation of <i>Trichoderma</i> species as a biological control agent against <i>Phellinus noxius</i> infected trees in Hong Kong - To research on the applicability, effectiveness and practicality of using <i>Trichoderma</i> as a biological control agent against <i>Phellinus noxius</i> infected trees in Hong Kong.	The Chinese University of Hong Kong	ditto	1.39
Feb 2013	Kowloon Bay Business Area Pedestrian Environment Improvement – Feasibility Study – To identify pedestrian and traffic improvement measures for enhancing connectivity in Kowloon Bay Business Area.	AECOM Asia Co. Ltd.	ditto	6.71

Time of study	Title, objective and scope of study	Consultant or institution	Manpower involved	Estimated Expenditure (\$ million)
Mar 2013	Opinion Survey on Proposed Welfare Measures for Construction Workers - To gauge public views on new welfare measures and understand the effectiveness of these measures in attracting new blood to the construction industry and retaining existing workers via face-to-face interviews.	Mercado Solutions Associates Limited	Taken up by existing staff	0.11
May 2013	Survey on Contractors' Tendering Considerations	Consumer Search Hong Kong Ltd.	ditto	1.28
May 2013	Review and Update of the Research Study on Benchmark Comparison of Construction Costs - To identify construction cost components in Hong Kong and major factors leading to the increase in construction cost in recent years.	Langdon & Seah HK Ltd.	ditto	1.39
Jun 2013	Consultancy Study on the Heritage Conservation Regimes in Other Jurisdictions - To research on the practices and policy framework in heritage conservation in eight other jurisdictions, and to compare and analyse the heritage conservation regimes in those jurisdictions with those of Hong Kong.	Centre for Architectural Heritage Research, The Chinese University of Hong Kong	ditto	0.75
Jul 2013	Roadside tree survey - To collect data of roadside trees for management use.	ACLA Ltd.	ditto	2.80
Sep 2013	Review and Preparation of Construction (Design and Management) Guidelines for the Construction Industry of Hong Kong - To review the existing Construction (Design and Management) documents having regard to the experience of its application in public works projects and	Occupational Safety and Health Council	ditto	1.29

Time of study	Title, objective and scope of study	Consultant or institution	Manpower involved	Estimated Expenditure (\$ million)
	the latest development of this project management process in other countries through literature review, surveys and interviews.			
Dec 2013	Consultancy Services for Updating of Development Bureau Safety Auditing System - To review and update the safety auditing system of public works with the latest construction technology and associated safety measures required under large scale construction projects.	Occupational Safety and Health Council	Taken up by existing staff	0.81
Jun 2014	Consultancy Study of Safety Leadership in Conjunction with Construction Safety Week - To evaluate the performance of safety leadership in local construction industry. To establish guidelines on the conduct, actions or output to be performed in the day-to-day operation would render the doers becoming safety leaders for all five echelons and monitor/gauge the enhancement to the safety culture in construction industry.	PolyU Technology and Consultancy Co. Ltd.	ditto	0.51
Oct 2014	Field trial on the feasibility of using <i>Trichoderma</i> species to rehabilitate locations contaminated with <i>Phellinus noxius</i> causing Brown Root Rot Disease on trees - To explore the feasibility of using <i>Trichoderma</i> species to rehabilitate locations contaminated with BRR disease under different environments.	The Chinese University of Hong Kong	ditto	1.12
Nov 2014	Consultancy for Provision of Advisory Services on Security of Payment Legislation – To devise the legislative framework and preparation	Pinsent Masons Management Ltd.	ditto	1.37

Time of study	Title, objective and scope of study	Consultant or institution	Manpower involved	Estimated Expenditure (\$ million)
	work for public consultation.			
Feb 2015	Consultancy Study on the Economic Benefits of Infrastructure Investment in Hong	PolyU Technology and Consultancy Co. Ltd.	ditto	1.30

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)140**

**(Question Serial No. 3903)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Administration inform this Committee of the manpower allocated to the work of the Lantau Development Advisory Committee, the expenditure involved and details of the work?

Asked by: Hon CHAN Han-pan (Member Question No. 66)

Reply:

The Development Bureau (DEVB), the Civil Engineering and Development Department (CEDD), the Planning Department (PlanD) and the Transport Department (TD) will serve the Lantau Development Advisory Committee (LanDAC) and its four subcommittees. A total of 11 professional, technical and executive staff (five from the DEVB, two from CEDD, three from PlanD and one from TD) are assigned to provide secretariat services for the LanDAC, including arrangement of meetings/visits, preparation of discussion papers, conduct of publicity and public engagement activities, etc. The estimated overall personal emoluments of these staff is \$7.8 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)141**

**(Question Serial No. 5186)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

- (1) Please list by year the names of all the Government's tree management departments, the numbers of tree management staff (including the numbers of general management staff and tree management staff with professional qualifications) and the numbers of trees under the care of each department in the past 3 years;
- (2) Please provide details of the staff establishment of the centralised tree support team and the tree management qualifications required for each post; and
- (3) Please provide the names and numbers of equipment for tree inspection or maintenance (for example, sonic tomograph, resistograph, stump grinder, etc.) currently kept by each tree management department.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 315)

Reply:

1. A breakdown of the number of trees under the purview of the major tree management departments and the number of their management staff is set out below –

Department	Number of trees (Note 1)			Number of tree management staff (Note 4) (Note 5)		
	2012-13	2013-14	2014-15 (As at 31 Dec 2014)	2012-13	2013-14	2014-15 (As at 31 Dec 2014)
Agriculture, Fisheries and Conservation Department	36 000 (Note 2)	38 100 (Note 2)	38 100 (Note 2)	87(35)	87(38)	88(39)
Architectural Services Department	200 000			5(3)	5(4)	5(5)
Civil Engineering and Development Department (Note 8)	27 300	25 000	100	22(1)	22(4)	4(2)
Drainage Services Department	25 700	24 100	19 200	16(2)	16(2)	16(2)
Highways Department	630 000	631 000	631 000	53(19)	59(25)	59(25)
Housing Department (Note 9)	100 000	97 000	101 000	35(11)	43(14)	44(16)
Lands Department	N/A (Note 3)			12(8) (Note 6)	11(5) (Note 6)	15(8) (Note 6)
Leisure and Cultural Services Department	513 600	513 000	537 000	222(148) (Note 7)	222(169) (Note 7)	216(168) (Note 7)
Water Supplies Department	49 400	157 100	157 100	14(2)	18(2)	25(2)

**Note 1:**

Tree figures rounded up to the nearest 100.

**Note 2:**

All trees in country parks are under the jurisdiction of the Agriculture, Fisheries and Conservation Department (AFCD). The figure only includes the number of trees in Category I Areas (i.e. areas with intensive use in country parks such as picnic areas) under AFCD's jurisdiction.

**Note 3:**

There are differences in the way that trees planted on unallocated and unleased government land and trees planted within government facilities are managed. There is a very large amount of unallocated and unleased government land (with a total area of 33 000 hectares) spreading across the territory.

The Lands Department, as the land administration department, looks to its staff to identify trees that

may have problems and take follow-up action when discharging their day-to-day functions of land control and management and on receipt of referrals and complaints.

**Note 4:**

Figures in this column include only the number of government staff involved in day-to-day tree management (on a full-time or part-time basis), but exclude the manpower temporarily deployed on a need basis. Figures in the column also exclude senior staff of the departments involved in tree management (particularly at the strategic level). In addition to government staff, individual departments have engaged contractors or non-government personnel to assist in tree management.

**Note 5:**

The figures within brackets indicate the number of tree management staff with professional qualifications in arboriculture. For a member of staff with multiple qualifications in arboriculture, it is counted as one.

**Note 6:**

The figures refer to the staff in the Tree Unit of the Lands Department.

**Note 7:**

For the Leisure and Cultural Services Department, the number of staff includes full-time staff only while the number of staff with professional qualifications (in bracket) also includes staff on a part-time basis.

**Note 8:**

The Civil Engineering and Development Department has completed the establishment of trees planted under the urban Greening Master Plans and has handed over the trees to other departments for long term maintenance.

**Note 9:**

Excludes the frontline management staff in 160 housing estates who also provide assistance.

2. In addition to the creation of two Arborist positions in April 2010 to reinforce arboricultural support in the Tree Management Office (TMO), six additional Arborist/Assistant Arborist positions have been created since 1 April 2011. All recruits to these positions are required to be certified arborists. They, apart from possessing Certified Arborist qualifications awarded by the International Society of Arboriculture (ISA), have also obtained one or more additional arboricultural qualifications such as Board Certified Master Arborist, Municipal Specialists and Tree Risk Assessment Qualification awarded by ISA; Certificate in Professional Tree Inspection awarded by Lantra Awards and Professional membership of the Arboricultural Association, U.K.; and Bachelor of Science in Arboriculture. These Arborists and Assistant Arborists positions form an integral part of the establishment of TMO of the Development Bureau (DEVB).
3. Broadly speaking, there are two categories of tools and equipment for use in tree inspections, namely advanced equipment (i.e. resistograph and sonic tomograph); and other simple handheld tools and equipment such as measuring tape, mallet, thin long metal probe, electric torch, binoculars, camera, laser pointer, etc. These simple handheld tools and equipment are kept by departments and they involve a large quantity. For advanced equipment, as at 31 December 2014, the main tree management departments, together with TMO of DEVB, had a total of 52 resistograph



instrument, 39 tomograph instrument and 11 stump grinders. A breakdown for the tomograph and resistograph instruments and stump grinder is listed below –

Department	Number of tomograph instrument	Number of resistograph instrument	Number of stump grinder
TMO, DEVB	2	2	0
Agriculture, Fisheries and Conservation Department	4	8	0
Lands Department	1	1	0
Highways Department	1	1	0
Housing Department	1	2	0
Leisure and Cultural Services Department	29	38	11
Water Supplies Department	1	0	0
<b>Total</b>	<b>39</b>	<b>52</b>	<b>11</b>

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)142**

**(Question Serial No. 5192)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

- (1) Please provide a breakdown of the numbers of the horticulture contractors and term maintenance contractors directly engaged by the Government's tree management departments in the outsourcing of tree maintenance and management and the expenditures involved in the past 3 years. How many contractors have received warning letters or have punitive action taken against them for improper tree pruning or failure to meet the work requirements under the contract? Please provide the relevant details;
- (2) How many qualified arborists are there in Hong Kong at present? How many more experienced or suitably qualified tree management experts does the Government expect to add in Hong Kong in order to meet one of the prerequisites for the proposed enactment of an ordinance on trees, i.e. "an adequate supply of qualified personnel to carry out measures such as tree inspection"? How will the Government complement the manpower training in this regard? Please provide the estimated expenditure required and details of specific work.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 316)

Reply:

1. The Government adopts an "integrated approach" for the management of trees on government land. In essence, the department responsible for the maintenance of an area or a facility is also responsible for the maintenance of trees there. Tree management departments may engage contractors to assist in tree maintenance in the following manner –
  - (i) directly engage horticulture contractors for carrying out maintenance work on the

trees under their purview (including tree pruning); or

(ii) engage term maintenance contractors for the management of the relevant facility, who may in turn engage specialist landscape contractors, as required, for tree maintenance (including tree pruning).

The number of tree management contracts engaged, contract amount and warning letters issued/punitive action taken by the major tree management departments in the past three years are as follows –

<b>Financial Year</b>	<b>Number of Contracts</b>	<b>Contract Amount (\$ million)</b>	<b>Warning Letters Issued/ Punitive Actions Taken</b>
2012-13	48	319	10
2013-14	52	380	15
2014-15 (up to 31 December 2014)	50	354	10

2. In general qualified arborists should possess academic training in arboriculture or related field, professional qualifications issued by professional organisations such as the Certified Arborist (CA) of International Society of Arboriculture (ISA), Technician Member of the Arboricultural Association of U.K., etc., and relevant working experience in the field. Up to end 2014 in Hong Kong, there were over 880 Certified Arborists and over 130 Technician Members of the Arboricultural Association of U.K.

When compared with the situation in 2005, when the first CA of ISA was qualified in Hong Kong, there has been a rapid growth of tree management professionals in the past decade. However, based on the feedback from government departments and property managers, the supply of experienced or adequately trained personnel is still in shortage.

Meanwhile, the Tree Management Office (TMO) has been collecting information on tree management practices from property management companies in order to have a better understanding on the supply and demand of tree management personnel at frontline, supervisory/ technical and managerial/professional levels. TMO is also gathering more information of the various aspects of the different levels of personnel in tree management comprehensively for manpower development.

One of the prerequisites for the enactment of an ordinance on tree management is the adequate supply of qualified personnel with relevant experience to implement the required tree inspection and maintenance works. Therefore it has been one of TMO's focuses in the past few years to systematically train up tree management personnel at different levels, to standardise professional requirement and to raise professional requirements. TMO will continue to work with tree management departments, related training institutions and professional organisations to enhance the training for staff of all levels, aiming to train sufficient number of professional

personnel. New programmes launched recently included advance diploma and professional diploma by post-secondary education institutes. The first local degree level programme in horticulture and landscape management which covers tree management will commence this autumn.

The estimated expenditure for tree management training organised by TMO for government staff in 2015-16 is \$2 million. Apart from enhancing training provision for government staff, TMO will also liaise with local training providers and tertiary education institutions to enhance the training opportunities available to government staff as well as the private sector.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)143**

**(Question Serial No. 5700)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Chapter 1 of the Report No. 60 of the Director of Audit criticises the Government's policy on the conservation of monuments and historic buildings in various aspects, including the declaration of monuments, assessment of historic buildings, government monuments and graded buildings, private monuments and graded buildings as well as promotion of heritage conservation. Have the policy bureaux conducted in-depth review and made improvements? What are the relevant details and the expenditure involved? If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 329)

Reply:

The Commissioner for Heritage's Office (CHO) of the Development Bureau and the Antiquities and Monuments Office (AMO) of the Leisure and Cultural Services Department have taken appropriate follow-up actions in response to the recommendations of the Report No. 60 of the Director of Audit. As reported in the Government Minute submitted to the Legislative Council Public Accounts Committee on 23 October 2013, the majority of the recommendations have been implemented. The remaining recommendations are broadly examined under the policy review on conservation of built heritage (Policy Review), which was conducted by the Antiquities Advisory Board on the invitation of the Government. The report of the Policy Review was released in January 2015. We are carefully studying the recommendations therein.

The expenditure for the Policy Review was \$2.3 million, which covered the promotional materials and activities (including the shooting of a documentary video and roving exhibitions), publication of the consultation document, a consultancy study and a telephone

survey to gauge the views of the general public. Other expenses in relation to the Policy Review and the implementation of the recommendations in the Director of Audit's Report are absorbed within the existing resources of CHO and AMO.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 5701)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

- (1) How many privately-owned graded historic buildings have been funded by the Government to carry out maintenance work in the past 2 financial years? Please provide details of the maintenance projects by year, including the names and grading of buildings, scope of maintenance works and the amounts of grants approved; and
- (2) Apart from financial assistance, did the Government provide private owners with any economic incentives in the past 2 financial years to facilitate conservation of privately owned historic buildings? Please provide details of each case such as the names and locations of historic buildings, the incentives involved, conservation plans, etc.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 330)

Reply:

- (1) In the past two financial years, we approved 18 applications under the Financial Assistance for Maintenance Scheme. The details are listed below -

	<u>Name of Historic Building</u>	<u>Grade</u>	<u>Brief Scope of Maintenance Works</u>	<u>Approved Amount (\$)</u>
<b><u>Approved Applications in 2012/13</u></b>				
i.	Hung Shing Temple, Yuen Long, Phase II	2	Restoration of the roof and wall at the entrance hall and main hall	1,000,000
ii.	Ip Ancestral Hall, Sha Tau Kok	3	Restoration of the roof, walls, and the shrine	1,000,000
iii.	Tin Hau Temple, Yuen Long, Phase II	3	Restoration of eaves boards, granite plaque	980,000
iv.	Jamia Mosque, Sheung Wan,	1	Install new waterproofing system at	950,000

	Phase II		roof	
v.	Tin Hau Temple, Lam Tsuen, Tai Po	2	Restoration of roof	1,000,000
vi.	Holy Spirit Seminary, Chapel	3	Install new waterproofing system at roof	999,960
vii.	Kau Yan Church, Sai Ying Pun Phase II	1	Repair spalling of concrete	1,000,000

**Approved Applications in 2013/14**

viii.	Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long	1	Restoration of roof of Main Hall and Incense Pavilion	1,000,000
xi.	Tin Hau Temple, Fung Chi Tsuen, Yuen Long	1	Restoration of roof of Gate House, Main Hall and Incense Pavilion	1,000,000
x.	First Church of Christ Scientist	2	Restoration of roof and drainage system of church building, cracks repair and repaint to the exterior and interior wall	1,000,000
xi.	Tao Fong Shan Christian Centre (Christ Temple), Shatin	2	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	931,420
xii.	Entrance gate of Mong Tseng Wai, Yuen Long	3	Restoration of roof, walls, floors and upgrading of electrical system	789,000
xiii.	No.71 San Wai Tsuen, San Tin, Yuen Long	3	Repair and waterproofing works on the roof and related drainage rectification works	390,000
xiv.	Municipal Services Staff Recreation Club, King's Park, Kowloon	3	Restoration of roof and drainage system, repaint walls and ceiling, floor cracks repair.	991,000
xv.	Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	1	Restoration of roof, repair ceremonial screens and upgrading of electrical system	1,000,000
xvi.	No.60 Kat Hing Street, Tai O, Lantau	2	Repair of spalled concrete, brickwork, rendering and roof waterproofing	1,000,000
xvii.	Man San Ye Ancestral Hall, San Tin, Yuen Long	2	Restoration of roof and upgrading of electrical system	1,000,000
xviii.	Tat Yan Study Hall, Yuen Long, Phase II	2	Restoration of roof and shrine	810,000

(2) In the past two financial years, we have secured owners' agreement to conserve three historic buildings through the provision of economic incentives as follows -

	<u>Name and Location of Historic Building</u>	<u>Grade</u>	<u>Incentives Involved</u>	<u>Conservation Plans</u>
i	Jessville, 128 Pokfulam Road	3	Partial uplifting of the Pokfulam Moratorium approved by the Chief Executive in Council in March 2013.	The building is preserved and will be converted into four private residential units.



- |     |   |   |   |  |
|-----|---|---|---|--|
| ii  | 8 Pollock's Path  | 2 | Minor relaxation of plot ratio from 0.5 to 0.548 approved by the Metro Planning Committee of Town Planning Board (TPB) in September 2013.   | Part of the façade of the building is preserved.   |
| iii | Cheng Chau Theatre,<br>San Hing Back Street,<br>Cheung Chau | 3 | Minor relaxation of plot ratio from 0.4 to 0.472 and that of site coverage restriction from 20% to 36.8% approved by the Rural and New Town Planning Committee of TPB in December 2013. | The building is preserved and will be revitalised into an eating place with a heritage corner. |

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)145**

**(Question Serial No. 5702)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the revitalisation of the former Hollywood Road Police Married Quarters, please provide the following information -

- (1) Since the opening of PMQ, how many complaints relating to noise, light nuisance, hygiene or traffic have been received by the Government? Are these complaints all lodged by nearby residents? What follow-up work has been taken by the Government?
- (2) How many large-scale exhibitions have been organised by PMQ? What is the attendance?
- (3) What is the lease situation of PMQ at present? Have any tenants been warned or penalised for violating the terms of tenancy or defaulting on rental payment?
- (4) Has the Government received any complaints from the tenants relating to the hardware or software of PMQ? Please provide details of the complaints and the follow-up work of the Government.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 331)

Reply:

- (1) Since the opening of PMQ, six complaints relating to noise, light nuisance, hygiene or traffic have been received by the Development Bureau. Some of the complaints were anonymous and we have no information as to whether they were lodged by nearby

residents. All the complaints have been resolved after follow up by PMQ Ltd and no further complaints have been received afterwards.

- (2) According to PMQ, over 80 exhibitions of different scales and themes have been held in PMQ. The accumulated number of visitors since commissioning of the revitalised site in April 2014 is over 3 million (as at 28 February 2015).
- (3) As advised by PMQ Ltd., all units have been leased out. So far, no tenant in PMQ has been warned or penalised for deliberately violating any term under the tenancy agreement.
- (4) The Government has not received any complaint from the tenants about the building hardware of PMQ. As regards complaints on the day-to-day operation of the site including the leasing of studios and other units, PMQ Ltd., the operator of the project, is responsible for handling such matters.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)146**

**(Question Serial No. 5729)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Government has decided not to conserve Ho Tung Gardens. Currently, its main building has been completely demolished and the land has changed hands. What is the current condition of the garden part of Ho Tung Gardens and the stone gateway of Hiu Kok Yuen? If these parts are not demolished, will the Government consider pursuing negotiations with the owner or commence conservation work in any form? If yes, what are the specific details of work and the estimated expenditure? If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 332)

Reply:

We have previously liaised with the owner on the conservation of the Ho Tung Gardens as a whole but the owner has declined to conserve the site. As the main building, which was one of the most significant character defining elements of the site, has already been demolished, we have no plan to re-open discussion with the owner on the preservation of the site.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)147**

**(Question Serial No. 5730)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Government has commissioned Purcell Miller Tritton LLP, a British firm of conservation architects, to conduct the “Historical and Architectural Appraisal of the Central Government Offices (CGO)” consultancy study for the CGO and the buildings in the vicinity. In the consultancy report published in 2009, it is stated under “General Recommendations” that consideration should be given to creating a “Special Protected Area” to acknowledge the well wooded spaces and low rise buildings in the Hong Kong Park, Hong Kong Zoological and Botanical Gardens, Government House Gardens, the CGO site, the garden between the St. John’s Cathedral and Former French Mission Building, the Battery Path area and the Sheng Kung Hui site.

Why has the Government not implemented the consultancy’s recommendations yet? Will the Government consider launching the relevant planning work in the coming year? If yes, what are the specific work plans and estimated expenditure? If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 333)

Reply:

Under the prevailing practice, should there be proposals involving the use of public funds which may affect declared monuments or graded historic buildings, the project proponent will be required to conduct a Heritage Impact Assessment (HIA) at the project planning stage. The assessment covers, amongst others, the conservation of the monuments / historic buildings as well as their surrounding environment if it contributes to the heritage significance of the declared monuments and graded buildings. Mitigation measures should be devised and the public should be engaged in the process. The Government also has an internal mechanism to monitor any buildings or sites of historic or archaeological significance that may be affected by private developments. Under the mechanism, the

Buildings Department, the Lands Department and the Planning Department will alert and seek advice from the Commissioner for Heritage's Office of the Development Bureau and the Antiquities and Monuments Office of the Leisure and Cultural Services Department on actions that need to be taken for any identified possible threat which have been brought to departments' attention through applications and enquiries received.

Recommendations set out in the consultancy study conducted by Purcell Miller Tritton LLP (Consultancy Study) have been duly considered when preparing HIAs in respect of the revitalisation of the buildings in former CGO. For example, the first HIA report on the Main and East Wing of CGO, which was completed in June 2012, aimed to consolidate a more thorough cultural significance embedded in the Consultancy Study. The second HIA report on the West Wing of CGO, completed in February 2015, assessed the wider surrounding area in terms of its historic development, the current build-up of structures around the site and the significance of the principal historic buildings and features in the vicinity, including the Government House, St. John's Cathedral, the Duddell Street Steps and Gas Lamps, and the Former French Mission Building. HIA reports were submitted to, and endorsed by, the Antiquities Advisory Board in June 2012 and March 2015 respectively.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)148**

**(Question Serial No. 5731)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

- (1) What is the progress of the Central Police Station Compound revitalisation project? There were previous reports of cracking and settlement of buildings suspected to be caused by the works. Has the incident delayed the progress of the revitalisation works? What are the details of the additional expenditure involved and the delay in works?
- (2) When will the Compound building be opened for public use? What are the method and criteria for inviting/selecting artists-in-residence? What are the relevant timetable and estimated expenditure?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 334)

Reply:

1. Under the partnership arrangement between the Development Bureau and the Hong Kong Jockey Club (HKJC), the HKJC will fund all the revitalisation works and all operational deficits until the operation of the Central Police Station (CPS) Compound is financially self-sustainable. As such, the Government will not contribute any expenditure under this revitalisation project.

HKJC is carrying out the building works for the new buildings, as well as works for the conservation of the monuments and infrastructure works within the CPS Compound. These works would continue in 2015-16. It is expected that the revitalisation works would be completed in phases in early 2016.

The monuments within CPS compound have been structurally strengthened as part of the revitalisation plan. Before the handover of the site in July 2011, a

comprehensive structural survey had revealed that the majority of the buildings were in an extremely fragile state and required substantial structural work to ensure their safety. The buildings were regularly monitored and detailed structural strengthening plans were drawn up for approval and implementation.

2. It is expected that CPS Compound would be open to public in the second half of 2016. As for the contemporary art programme, HKJC will collaborate with the local and overseas art communities as partners in rolling out the contemporary art programme. The Jockey Club CPS Limited (JCCPS) has been set up to manage and operate the site. The contemporary art operation will be guided by the Art Working Group comprises of experts in the field, which will assist HKJC in the development of policy, provide comments and suggestions on proposed programmes, and provide expert advice on the content of the art programmes. Artists-in-residence will be a component of the contemporary art programme, and the criteria and methods of selection will be developed in consultation with JCCPS Art Working Group.

- End -



**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)149</b>
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**(Question Serial No. 5732)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

- How many reports of redevelopment or alteration of graded historic buildings were received under the internal monitoring mechanism of the historic buildings grading system in the past 2 years? How many cases are still being processed or how many of those buildings have been demolished? Please provide details in the table below:

	Name and address of the historic building	Grading	Application	Portion retained	Economic incentive received
01					
02					

- Will the Administration allocate resources to study how to extend statutory protection to the graded historic buildings or those with grading yet to be confirmed so as to prevent them from being damaged or demolished while pending their grading? If yes, what are the expenditure and timetable? If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 335)

Reply:

- Under the internal monitoring mechanism, the relevant departments will alert the Commissioner for Heritage's Office of the Development Bureau (DEVB) and the Antiquities and Monuments Office of the Leisure and Cultural Services Department if they have received applications which may affect privately-owned historic buildings. Among the applications approved by the respective departments in the past two years, 45 graded or proposed graded historic buildings are involved. Among these 45 cases, we are exploring with the owners on preservation-cum-development options in 21 cases. For the remaining 24 cases, we have obtained agreement from the owners to conserve the historic buildings concerned in whole, in part, their selective building

elements for incorporation into the new development, or to arrange photographic recording. Details of these 24 cases are set out below -

<b>Item</b>	<b>Name and address of the historic building</b>	<b>Grading</b>	<b>Application</b>	<b>Portion retained</b>	<b>Economic Incentives received</b>
1.	Ho Tung Gardens, No.75 Peak Road	Grade 1	Building plans	The main building was demolished. Photographic recording was conducted before demolition.	Economic incentives offered but no agreement could be reached.
2.	CLP Administration Building, Nos.139-147 Argyle Street	Proposed Grade 1	Planning application and building plans	Clock Tower	Minor relaxation of building height restriction from 80mPD to 100mPD for permitted residential development; and minor relaxation of domestic plot ratio from 5.0 to 5.0 plus non-domestic plot ratio of 0.5, which is equivalent to the floor area of the existing Clock Tower.
3.	No.47 Barker Road	Grade 2	Planning application and building plans	Part of the façade	Minor relaxation of plot ratio from 0.5 to 0.545. Provision of access road for residential development in Greenbelt zone on adjacent government land.
4.	No. 8 Pollock's Path	Grade 2	Planning application and building plans	Part of the façade	Minor relaxation of plot ratio from 0.5 to 0.548.
5.	Nos. 6 & 8 Kennedy Road	Grade 2	Building plans	Part of the façade	Not applicable. The façade is retained on the owner's initiation.
6.	No. 47 Lee Yick Street	Grade 2	Redevelopment application to the Lands Department (LandsD)	Photographic record	Economic incentives offered but no agreement could be reached.
7.	Enchi Lodge, Castle Peak Road	Grade 2	Planning application and demolition plan	Main building	Not applicable. The Main building is retained on the owner's initiation.
8.	No. 20 Severn Road	Proposed Grade 2	Building plan	Photographic record	Economic incentives offered but no agreement could be reached.
9.	No. 2 Hing Hon Road	Proposed Grade 2	Demolition plan	Photographic record	Economic incentives offered but no agreement could be reached.
10.	No. 15 Lee Yick	Grade 2	Redevelopment	Photographic	Economic incentives offered

<b>Item</b>	<b>Name and address of the historic building</b>	<b>Grading</b>	<b>Application</b>	<b>Portion retained</b>	<b>Economic Incentives received</b>
	Street		application to LandsD	record	but no agreement could be reached.
11.	Nos. 2 and 4 Tai O Market Street	Proposed Grade 2	Redevelopment application to LandsD	Significant architectural features such as verandah, ornamental balustrade, wooden glazed doors and louvered shutters	Not applicable. The features are retained on the owner's initiation.
12.	Nos. 369 & 371 Hennessy Road	Grade 3	Demolition plan	Photographic and cartographic records	Economic incentives offered but no agreement could be reached.
13.	Jessville, No.128 Pok Fu Lam Road	Grade 3	Planning application and building plans	Main building	Partial uplifting of the Pokfulam Moratorium.
14.	No. 179 Prince Edward Road West	Grade 3	Planning application and building plans	Front portion of the building	Minor relaxation of the plot ratio from 9 to 10.23.
15.	No. 186 and 188 Tai Kei Leng Tsuen	Grade 3	Building plans	Whole building	Not applicable. The building is retained on the owner's initiation.
16.	No. 119 Tai Kei Leng Tsuen	Grade 3	Redevelopment application to LandsD	Selective building elements such as green bricks	Not applicable. The building elements are retained on the owner's initiation.
17.	Cheung Chau Theatre, San Hing Back Street	Grade 3	Planning application	Whole building	Minor relaxation of plot ratio from 0.4 to 0.472 and site coverage restrictions from 20% to 36.8%.
18.	Kong Ha Wai, near Kam Tsin Wai, Pat Heung	Grade 3	Planning application	Main building	Not applicable. The Main building is retained on the owner's initiation.
19.	Nos. 130-132 Portland Street	Proposed Grade 3	Building plans	Photographic record	Economic incentives offered but no agreement could be reached.
20.	Entrance Tower, Tai Kiu Tsuen, Shap Pat Heung	Proposed Grade 3	Planning application	Entrance tower	Not applicable. The entrance tower is retained on the owner's initiation.
21.	No. 36 Lee Yick Street	Proposed Grade 3	Redevelopment application to LandsD	Photographic record	Economic incentives offered but no agreement could be reached.
22.	No.8 Pai Tau Village (Part of Lam Ancestral	Grade 3	Redevelopment application to LandsD	Photographic record	Economic incentives offered but no agreement could be reached.

<b>Item</b>	<b>Name and address of the historic building</b>	<b>Grading</b>	<b>Application</b>	<b>Portion retained</b>	<b>Economic Incentives received</b>
	Hall, Nos. 8, 10-14 Pai Tau)				
23.	No. 6 Stewart Road	Proposed Grade 3	Demolition plan	Photographic and cartographic recordings have been arranged	Economic incentives offered but no agreement could be reached.
24.	No. 31 Lee Yick Street	Grade 2	Redevelopment application to LandsD	Photographic record	Economic incentives offered but no agreement could be reached.

2. In February 2013, the Antiquities Advisory Board (AAB) accepted the invitation of DEVB to assist in conducting a policy review on the conservation of built heritage (Policy Review). The Policy Review was completed in December 2014 and the relevant report was released in early January 2015. Amongst others, AAB recommends the Government to better utilise the existing mechanism in providing incentives and facilitation to owners of graded buildings with a view to providing timely maintenance to avoid dilapidation and reducing the risk of large-scale alteration of graded buildings. We are carefully considering AAB's recommendations.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)150**

**(Question Serial No. 5733)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

- (1) Will the Government review the “integrated approach” and the organisation structure and functions of the Greening, Landscape and Tree Management Section, and commence the enactment of a tree ordinance in the coming year? If yes, please provide details of the relevant timetables, reviews and work plans; if no, what are the reasons?
- (2) What are the numbers of Old and Valuable Trees under the purview of various tree management departments? Please provide the following information on the current numbers of trees by department -

Department	Number of trees when the Register of Old and Valuable Trees was set up	Current number of trees	Number of trees included in the Register of Old and Valuable Trees after it was set up	Number of trees removed from the Register

- (3) Please provide information on the trees with their names removed from the Register of Old and Valuable Trees from 1 January 2014 up to now -

	Registration number and location	Responsible department	Date of removal	Reasons for removal
01				

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 336)

Reply:

1. The Government adopts an “integrated approach” to tree management on government land i.e. the department responsible for the maintenance of a particular area or a facility is also responsible for the maintenance of the trees there. The Task Force on Tree Management published a report in June 2009 which covered the review of the integrated approach and considered it as generally efficient and cost effective. To ensure more effective implementation across departments of the “integrated approach” to tree management, the Task Force recommended the setting up of the Tree Management Office (TMO) under the Greening Landscape and Tree Management Section of the Development Bureau to co-ordinate policy issues on tree management and provides arboricultural expertise for complex cases. Since its establishment in 2010, TMO has been promoting good practices in tree management among government departments and formulated guidelines to enhance the professionalism of tree management. We do not have plan to review the arrangement in 2015-16.

The Government adopts a prudent and open attitude towards the proposal of mandatory tree inspection on private property through legislation. In the process of reviewing the need for legislation, TMO has been gathering information on tree management practices on private land and collecting views from various stakeholders on measures to improve tree safety on private land since 2014. Meanwhile, measures have also been taken to help improve tree safety on private land through organising seminars on tree maintenance for private property owners, property managers and the general public every year and publicising good practices through various means such as newsletters, advertorials, television and radio broadcasts, video clips, leaflets and websites. TMO publicises the responsibility for and the importance of tree maintenance, and encourages the public to report on problematic trees. To promote this further, more guidance on tree maintenance for private property owners is being developed in 2015. Concurrently, TMO has been co-ordinating with training institutions and professional organisations and focusing in the past few years to systematically train up tree management personnel at different levels and to raise professional requirements. New programmes launched recently include advanced diploma and professional diploma in tree management and horticulture. The first local degree level programme in horticulture and landscape management which covers tree management will commence this autumn. The Government will continue to work closely with local training institutions to provide training and education opportunities for those who aspire to join the tree management industry

2. The numbers of Old and Valuable Trees (OVTs) under the purview of various tree management departments are given below (up to 15 March 2015) –

Department	Number of trees when the Register of Old and Valuable Trees was set up (in 2004)	Current number of trees (Note 1)	Number of trees included in the Register of Old and Valuable Trees after it was set up (Note 1)	Number of trees removed from the Register
Agriculture, Fisheries and Conservation Department	10	6	1	0
Architectural Services Department (ArchSD)	0	87	16	4
Civil Engineering and Development Department	0	1	0	0
Chief Secretary for Administration's Office	0	5	0	0
Commissioner for Heritage's Office, DEVB	0	2	0	0
Department of Health	0	2	0	0
Department of Justice	0	1	0	0
Drainage Services Department	0	1	0	0
Electrical and Mechanical Services Department	0	1	0	0
Food and Environmental Hygiene Department	0	5	0	0
Fire Services Department	0	1	0	0
Government Property Agency	0	3	0	0
Highways Department (HyD)	0	13	5	1
Hong Kong Police Force	0	2	0	0
Hong Kong Post	0	1	0	0
Housing Department	4	3	1	0
Lands Department (Note 2)	0	12	4	0
Leisure and Cultural Services Department (LCSD)	513	344	13	72
<b>Total</b>	<b>527</b>	<b>490</b>	<b>40</b>	<b>77</b>

**Note 1** – The current number of trees in each department has been updated upon transfer of maintenance responsibility between departments

**Note 2** – The figure includes two OVTs under lots with lease conditions for OVT preservation

**Note 3** – The figure includes four OVTs removed from the Register due to the change in land status

3. The information on the trees removed from the Register of OVTs from 1 January 2014 to 15 March 2015 is listed as follows –

Registration number and location		Responsible department	Date of removal	Reasons for removal
LCSD SSP/16	Wistaria Road	LCSD	17 January 2014	Health and structural problem
ARCHSD CW/48	Hong Kong Park	ArchSD	26 July 2014	Health and structural problems
LCSD YTM/65	Kowloon Park	LCSD	14 August 2014	Brown Root Rot (BRR) Disease
HyD S/2	Stanley Village Road	HyD	29 August 2014	Health and structural problems, BRR Disease
LCSD CW/67	Hong Kong Zoological and Botanical Gardens	LCSD	24 September 2014	Structural problem
LCSD YTM/61	Kowloon Park	LCSD	30 September 2014	Structural problem
LCSD YTM/74	Kowloon Park	LCSD	10 October 2014	Structural problem

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)151**

**(Question Serial No. 5734)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

How many trees were affected, felled or transplanted respectively due to government works projects commenced in the last financial year? Were there any important trees or trees listed on the Register of Old and Valuable Trees involved? What were the details? What was the expenditure for caring the transplanted trees and the survival rate of such trees? How will the Government deal with the trees felled?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 337)

Reply:

In 2014-15 (up to 31 December 2014), there were 7 674 numbers of trees removed due to government works projects. There was no Old and Valuable Tree felled or transplanted due to government works projects in the same period.

There were 145 trees transplanted due to government works projects commenced in the same period (2014-15, up to 31 December 2014), while the number of trees affected is not quantified.

The caring of transplanted trees is part and parcel of the work of the contract concerned. The expenditure involved is subsumed in the contract and there is no separate figure. The transplanting tasks for most of the government works projects commenced in 2014-15 are under preparation or on-going. For transplanted trees, they are still under maintenance and therefore their survival rates are not yet available.

Pruned or fallen branches or felled trees are yard waste that will either be reused, recycled or disposed of to landfills as appropriate. In support of government policy of waste reduction, the Development Bureau prepared 'Guidelines on Yard Waste Reduction and

Treatment' in 2014 to provide a general reference on implementing measures on yard waste reduction and treatment in various stages from planting design to maintenance and suggest ways of how yard waste can be reduced, reused and recycled, which also applies to the handling of felled trees. Though reusing yard waste for mulching or composting is promoted, care should be taken on the possible spread of diseases such as Brown Root Rot, pests and invasive weed. Diseased parts should be properly disposed to prevent the spread of disease.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)152**

**(Question Serial No. 6013)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

- (1) What are the frequencies of inspections and checkings conducted on Old and Valuable Trees by government departments? Do all responsible departments achieve their targets in this area of work? Please set out the level of achievement in the inspections/checkings conducted by each tree management department; and
- (2) What are the frequencies of updating the Register of Old and Valuable Trees and the Tree Register and what are the responsible departments? Has the Government examined the reasons for data inconsistency between them and considered standardising the updating work by a single department? If yes, what are the specific work plan, manpower and estimated expenditure? If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 338)

Reply:

1. According to the latest 'Guidelines for Tree Risk Assessment and Management Arrangement' promulgated by the Development Bureau (DEVB) in October 2014, tree management departments should carry out detailed tree risk assessment for Old and Valuable Trees (OVTs) at least twice a year. The Tree Management Office (TMO) of DEVB conducts audit checking for OVT inspection reports submitted by tree management departments. During the audit in 2014, the requirement for inspection frequency as set out in the prevailing guidelines has been complied with.
2. The OVT Register and Tree Register are managed by the Leisure and Cultural Services Department (LCSD) and TMO respectively. The information on both two registers will be updated when there is a change in information on trees. LCSD and TMO had

studied a case in 2013 where there was discrepancy in information in the two registers and subsequently devised a new format for synchronising tree information in both registers. The updating work will be undertaken by existing staff and no additional expenditure will be incurred in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)153**

**(Question Serial No. 6014)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In the past 2 years, how many requests for assistance have been received by the Government from private buildings/residential estates regarding tree management or maintenance? Please provide the relevant data, responsible departments and the kind of support provided by the departments to the owners by year and request category. Please provide details of the cases if financial assistance has been involved. How many requests have been dealt with successfully?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 340)

Reply:

For the period from April to December 2014, the Tree Management Office (TMO) received four requests for assistance in writing from private buildings/ residential estates on tree management or maintenance matters. All requests were successfully handled. The cases mainly involved requests for information and procedures on tree removal/pruning application, qualified personnel, etc., and none of them concerned financial assistance. No request was received by TMO in the financial year 2013-14. Other departments do not classify requests for assistance according to the nature of buildings and as such data from departments are not available.

To provide assistance and information on tree management to private properties, the TMO organises seminars for private property owners, property managers and the general public every year. TMO publicises through various means and media, such as newsletter, advertorials, television and radio broadcasts, video clips, leaflets and websites, the responsibility for and the importance of proper tree maintenance, and encourages the public to report on problematic trees.

As revealed in the feedback from tree management seminars for private properties, in general the private property owners and property management companies are primarily concerned with the following issues: their responsibilities in tree management; selection of suitable contractors and professionals; and guidelines. To address their concern, TMO has compiled since 2014 “Information about tree maintenance for private properties” on its Trees website ([www.trees.gov.hk](http://www.trees.gov.hk)) which contains useful and comprehensive information on the management and maintenance of trees on private properties including tree management guidelines and best practices, video clips of seminars, information on contractors and relevant professional personnel and institutes for easy reference of the public.

TMO has been gathering information on tree management practices on private land and collecting views from various stakeholders on measures to improve tree safety on private land. Meanwhile, measures have been taken to enhance tree safety on private land including the preparation of a draft Guide on Tree Maintenance for private property owners as a Code of Practice. TMO will continue to strive to improve the existing system and arrangements on publicity promotion, public education, guidelines promulgation and information dissemination.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)154**

**(Question Serial No. 6015)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

One of the duties of the Development Bureau (Works Branch) (DEVB(WB)) in 2014 was to “(take) the lead in resolving complex cases in collaboration with the departments concerned”.

1. What is the definition of “complex cases”? How many cases were “complex cases” last year? How did these cases originate? What are the procedures and specific work of the Government in “resolving” these cases? How many “complex cases” have been resolved and what are the details of the cases?
2. What were the establishment and actual expenditure of the DEVB(WB) in resolving “complex cases” last year? Will additional manpower be deployed for the relevant work in the coming year? What are the establishment and estimated expenditure?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 341)

Reply:

1. Complex tree cases are those tree management departments may not be able to deal with on their own, e.g. cases requiring specialised arboricultural expertise, trees of special interest to the community, cases involving cross-departmental implications, etc. Complex tree cases may arise from direct referrals from tree management departments, complaints from the public and issues identified by the Tree Management Office (TMO) during inspection. TMO will provide the departments concerned with professional advice for follow-up actions on complex tree cases.

Upon receiving the request, TMO will review the information, conduct site

investigation as necessary, and liaise with the relevant departments in order to resolve the issues. TMO may also consult the Expert Panel on Tree Management as appropriate, in particular for cases such as those involving Old and Valuable Trees (OVTs) to determine appropriate follow-up actions.

In 2014, TMO handled 130 complex cases involving 153 numbers of trees. The cases covered suspected Brown Root Rot infection and treatment on trees of special interest such as OVTs and stonewall trees.

2. Handling complex tree cases are part and parcel of the daily duties of staff in TMO. We therefore cannot provide statistics on staff dedicated to the above tasks only. The tasks will be undertaken by existing staff and no additional expenditure will be incurred in 2015-16.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)155**

**(Question Serial No. 6016)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What are the details of the work to “review the tree risk assessment and management arrangements”? What is the expenditure on the relevant work and what is the work plan in the coming year?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 342)

Reply:

The Tree Management Office (TMO) of the Development Bureau developed a tree risk assessment (TRA) arrangement in 2010 with the promulgation of detailed guidelines (Guidelines for Tree Risk Assessment and Management Arrangement on an Area Basis and on a Tree Basis) for compliance by the tree management departments.

With the practical experiences gained during TRA, TMO also conducts review on the practices and guidelines annually in consultation with the tree management departments with a view to improving the quality of TRA. The latest version of the guidelines promulgated in late 2014 included a series of enhancement measures for effective implementation of TRA.

Review of TRA arrangement is taken up by existing staff in TMO. There is no separate breakdown of the expenditure for the work. TMO will continue to conduct the review in 2015 together with the tree management departments.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)156**

**(Question Serial No. 6017)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the work to monitor the delivery of major public works projects, please provide the following information:

- (1) the names of the major public works projects underway, the estimated expenditures, expected commencement and completion dates, and the percentages of the works completed;
- (2) of the major works projects underway, how many of them are behind schedule in construction or have run over budget? Please provide specific details of the slow progress and cost overruns by project, as well as the reasons; and
- (3) of the projects that have run over budget, how many cases are there in which applications have to be made to the Legislative Council for additional funding? What is the amount involved in each project?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 343)

Reply:

- (1) The titles, estimated project costs, actual commencement and anticipated completion dates of the major public works projects (i.e. original Approved Project Estimate (APE) greater than \$500 million) on-going in financial year (FY) 2014-15 are listed in the following table -

No.	Project Code	Project Title	Estimated Project Cost (\$ million)	Actual Commence-ment Date	Anticipated Completion Date	Percentage of Completion (%)
1.	9186WC	Replacement and rehabilitation of water mains, stage 3	5,550.0	Sep 2008	Dec 2015	88
2.	9191WC	Replacement and rehabilitation of water mains, stage 4 phase 1	6,262.4	Mar 2011	Dec 2015	88
3.	9189WC	Replacement and rehabilitation of water mains, stage 4 phase 2	4,510.3	Jan 2012	Dec 2015	66
4.	9334WF	Expansion of Tai Po water treatment works and ancillary raw water and fresh water transfer facilities - part 2 works	6,176.7	Feb 2013	May 2017	35
5.	4140CD	Reconstruction and rehabilitation of Kai Tak Nullah from Po Kong Village Road to Tung Kwong Road — remaining works	1,602.0	Oct 2011	May 2017	54
6.	4160CD	Happy Valley underground stormwater storage scheme	1,065.8	Sep 2011	Feb 2018	52
7.	4169CD	Reconstruction and rehabilitation of Kai Tak nullah from Tung Kwong Road to Prince Edward Road East	1,244.3	Dec 2013	Dec 2017	25
8.	4407DS	Relocation of Sha Tin sewage treatment works to caverns – consultants fees and investigation	637.7	Sep 2014	Dec 2022	6
9.	4332DS	Lam Tsuen Valley sewerage, stage 2	588.3	Oct 2012	Dec 2016	65
10.	4341DS	Harbour Area Treatment Scheme, stage 2A — upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	7,913.4	Aug 2010	Sep 2015	90
11.	4369DS	Harbour Area Treatment Scheme, stage 2A – construction of the sewage conveyance system and advance works for upgrading of Stonecutters Island sewage treatment works	9,286.5	Jul 2009	Jun 2015	95
12.	4371DS	Sewerage in western Tuen Mun	1,340.0	Dec 2009	Dec 2015	95
13.	4377DS	Upgrading of Central and East Kowloon sewerage - phase 2	503.0	Jun 2011	Dec 2015	82
14.	4387DS	Upgrading of Mui Wo sewage treatment works and sewerage at Mui Wo town centre and Wang Tong	967.2	Jul 2012	Aug 2017	32
15.	3115KA	Relocation of Part of the Offices of the Department of Justice to the Main and East Wings of the Former Central Government Offices	796.0	Apr 2013	Mar 2015	90
16.	3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	2,645.1	Jan 2012	Apr 2015	98
17.	3266RS	Redevelopment of Victoria Park Swimming Pool Complex	1,197.7	Jul 2009	Jul 2015	98
18.	3173BF	Redevelopment of Fire Services Training School	3,562.5	Aug 2012	Oct 2015	63
19.	3016NB	Reprovisioning of Cape Collinson Crematorium	696.3	Jun 2010	Nov 2015	92
20.	3031LJ	West Kowloon Law Courts Building	2,723.1	Apr 2012	Dec 2015	37
21.	3277LP	Reprovisioning of Yau Ma Tei Police Station	982.9	Jun 2013	Feb 2016	29
22.	3055RG	Sports centre, community hall and district library in Area 14B, Sha Tin	1,084.0	Dec 2012	Feb 2016	40

23.	3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	704.1	Jul 2010	Mar 2016	38
24.	3076LC	Redevelopment of Tai Lam Centre for Women	946.6	Aug 2012	Nov 2016	45
25.	3269RS	Sports centre in Area 4, Tsing Yi	774.8	Nov 2013	Jan 2017	18
26.	5045CG	District cooling system at Kai Tak Development	3,145.9 for Phase I, II and III(A)	Feb 2011	Dec 2017	75
27.	5033DR	Development of Northeast New Territories landfill	1,841	1994	(Note 1)	(Note 1)
28.	5041DR	Development of West New Territories landfill	2,675	1993	(Note 1)	(Note 1)
29.	5042DR	Development of Southeast New Territories landfill	3,220	1993	(Note 1)	(Note 1)
30.	5155DR	Restoration of Urban Landfills - works	514.3	Mar 1997	Apr 2028	(Note 2)
31.	5156DR	Restoration of Tseung Kwan O landfills - works	972.6	Jul 1997	Jan 2029	(Note 2)
32.	5172DR	Organic waste treatment facilities phase 1	1,589.2	Dec 2014	mid 2017	5
33.	5233DS	Sludge treatment facilities	5,364.2 (The approval from Finance Committee (FC) for the increase in APE from \$5,154.4 million to \$5,364.2 million is to be sought.)	Oct 2010	Apr 2015 (Section 1 of Works)	99 (Section 1 of Works)
					Jun 2017 (Section 2 of Works)	80 (Section 2 of Works)
34.	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works--site formation and infrastructure works	24,973.1 (The approval from FC for the increase in APE from \$16,253.2 million to \$24,973.1 million is to be sought.)	Apr 2013	end 2018 (Note 3)	8.4
35.	5168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works--regulation of Shenzhen River stage IV	595.1	Aug 2013	Jul 2017	34
36.	5737CL	Dredging, Management and Capping of Contaminated Sediment Disposal Facility to the South of The Brothers	617.7	Aug 2012	Dec 2016	60
37.	5729CL	Disposal of Contaminated Sediment - Dredging, Management and Capping of Sediment Disposal Facility at Sha Chau	770.9	Jun 2009	Dec 2026	33
38.	7167CD	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah	2,488.2	Jan 2013	Apr 2018	29
39.	7677CL	Wan Chai Development phase 2 — engineering works	4,642.7	Dec 2009	Jun 2017	58.8
40.	7731CL	Infrastructure works for housing sites adjacent to Lung Ping Road at Tai Wo Ping, Shek Kip Mei	781.4	Jul 2013	Dec 2016	47
41.	7761CL	Kai Tak development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport	2,255.3	Jul 2013	Jun 2017	32
42.	B566CL	Development at Anderson Road	3,467.2	Jan 2008	May 2016	94

43.	6053TR	Hong Kong Section of Guangzhou–Shenzhen–Hong Kong Express Rail Link – construction of railway works	55,017.5	Jan 2010	end 2017 (Note 4)	74.0
44.	6057TR	Hong Kong Section of Guangzhou–Shenzhen–Hong Kong Express Rail Link – construction of non-railway works	11,800.0			
45.	6061TR	Shatin to Central Link - construction of railway works - remaining works	65,433.3	Aug 2012	2021 (Note 5)	23.0
46.	6062TR	Shatin to Central Link - construction of non-railway works - remaining works	5,983.1	Jul 2012	2021 (Note 5)	
47.	6056TR	South Island Line (East) – essential public infrastructure works	927.0	May 2011	Jul 2015	82.0
48.	6060TR	Kwun Tong Line Extension – essential public infrastructure works	699.0	Jun 2011	Apr 2015 (Note 6)	63.0
49.	6579TH	Central - Wan Chai Bypass and Island Eastern Corridor Link	36,038.9 (Note 7)	Dec 2009	(Note 8)	50.0
50.	6720TH	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling - Stage 2	4,320.0	Jul 2013	2019	15.6
51.	6855TH	Road Improvement Works for West Kowloon Reclamation Development (Phase 1)	845.8	Mar 2015	mid 2018	0 (The project has just commenced)
52.	6844TH	Hong Kong–Zhuhai–Macao Bridge Hong Kong Link Road	25,047.2	May 2012	Under review	(Note 9)
53.	6845TH	Hong Kong–Zhuhai–Macao Bridge Hong Kong Boundary Crossing Facilities – Reclamation and Superstructures	35,895.0 (The approval from FC for the increase in APE from \$30,433.9 million to \$35,895.0 million is to be sought.)	Nov 2011	Under review	
54.	6846TH	Tuen Mun–Chek Lap Kok Link — detailed design, site investigations and advance works	1,909.6	Nov 2011	Under review	
55.	6857TH	Tuen Mun–Chek Lap Kok Link – construction work	44,798.4	Jun 2013	end 2018	

Notes:

1. The three strategic landfill projects are under a design-build-operate-aftercare contract. Following the exhaustion of the landfills, there will be a 2-year restoration period and a 30-year aftercare period under the same contract. The three strategic landfills are estimated to reach their design capacity by 2015 (for Southeast New Territories landfill), 2016/17 (for Northeast New Territories landfill) and 2019 (for West New Territories landfill), depending on a number of factors including waste growth (due to population increase and economic development) and the effect of waste reduction and provision of other waste management facilities, etc. Thereafter, they will undergo restoration and aftercare.
2. The restoration works of Urban Landfills and Tseung Kwan O Landfills have been substantially completed, which cover design and construction of the restoration facilities. Since it could take about 30 years to complete the restoration process, EPD will carry out environmental review to ascertain whether the process is fully completed and expenditure would be required.
3. As we have not yet obtained the FC's approval to increase the APE for Head 705, Sub-Head 5019GB, works under the remaining contracts cannot be awarded on schedule. As such, we need to review the implementation programme of the project but we would strive to adhere to the target completion date of end 2018 as far as possible.

4. The MTR Corporation Limited reported in the LegCo Panel on Transport Subcommittee on Matters Relating to Railways meeting held on 6 March 2015 that they were reviewing the programme to complete (PTC) for Guangzhou-Shenzhen-Hong Kong Express Rail Link (Hong Kong Section) commissioning in end 2017, and their review of the PTC would be available in the second quarter of 2015.
5. For the Tai Wai to Hung Hom section of SCL, MTRCL estimated that there would be a minimum delay of 11 months arising from the archaeological and conservation works at To Kwa Wan Station. The current target is to commission the Tai Wai to Hung Hom section of SCL in 2019 as far as possible. For the Hung Hom to Admiralty section of SCL, the commissioning date will very likely be deferred to 2021 to allow flexibility for the topside development of the convention centre at Exhibition Station, and to cater for the reclamation works under Wan Chai Development Phase II as well as the tunnel works of Central-Wan Chai Bypass.
6. Subject to review as parts of the work are affected by the late completion of the Ho Man Tin Station under the Kwun Tong Line Extension project.
7. This is the revised APE. Funding application for increase in APE by \$7,934.3 million was approved by LegCo in the 2013-14 legislative session.
8. The Highways Department has been endeavouring to commission the Central – Wan Chai Bypass and Island Eastern Corridor Link (CWB) in 2017 as originally scheduled. In view of the many challenges and uncertainties ahead which may lead to works delay, the Highways Department will continue to work with its consulting engineers and resident site staff in closely monitoring the works progress and strive to adopt appropriate measures to expedite the works with a view to commissioning the CWB as early as possible.
9. As indicated by the Secretary for Transport and Housing at the Legislative Council Panel on Transport on 16 January 2015, the Joint Works Committee of the Three Governments (“JWC”) had advised that it would be very difficult for the entire HZMB project to be completed by end 2016. The JWC and the HZMB Authority will further conduct an in-depth and objective analysis on the programme of the project. Besides, the Director of the Guangdong Development and Reform Commission, advised at the press conference of the third session of the 12th Guangdong Provincial People's Congress held on 10 February 2015 that as the HZMB project encountered many unforeseen difficulties and technical problems, it appeared to be very difficult to commission the HZMB by end 2016. As for the local projects in Hong Kong, according to the current progress, the Hong Kong Boundary Crossing Facilities (HKBCF) and the Hong Kong Link Road projects may not be completed in time by end 2016. The Highways Department is reviewing the anticipated completion dates.
10. As for the Tuen Mun-Chek Lap Kok Link, the completion time of its Southern Connection will dovetail with that of the HZMB Main Bridge whilst its Northern Connection is anticipated to be completed by 2018.

(2) The major public works projects (i.e. original Approved Project Estimate greater than \$500 million) on-going in financial year (FY) 2014-15 which have been delayed by more than three months and/or will require an increase in APE are listed in the following table -

No.	Project code	Project title	Reasons for delay	Reasons for APE to be increased
1.	-	Hong Kong-Zhuhai-Macao Bridge (HZMB) project	As indicated by the Secretary for Transport and Housing at the Legislative Council Panel on Transport on 16 January this year, the Joint Works Committee of the Three Governments (“JWC”) had advised that it would be very difficult for the entire HZMB project to be completed by end 2016. The JWC and the HZMB Authority will further conduct an in-depth and objective analysis on the programme of the project. Besides, Mr Li Chun-hong, the Director of the Guangdong Development and Reform Commission, advised at the press conference of the third session of the 12th Guangdong Provincial People's	We are seeking approval from the Finance Committee to increase the APE of the 6845TH – “HZMB HKBCF – Reclamation and Superstructures”, by \$5,461.1 million from \$30,433.9 million to \$35,895.0 million in money-of-the-day (MOD) prices to cover the additional costs due to:  (a) higher-than- expected costs of superstructure

			<p>Congress held on 10 February this year that as the HZMB project encountered many unforeseen difficulties and technical problems, it appeared to be very difficult to commission the HZMB by end 2016.</p> <p>As for the local projects in Hong Kong, according to the current progress, the Hong Kong Boundary Crossing Facilities (HKBCF) and the Hong Kong Link Road projects may not be completed in time by end 2016. The Highways Department is reviewing the anticipated completion dates.</p>	works; and (b) increase in provision for price adjustment.
2.	-	Shatin to Central Link (SCL) project	<p>For the Tai Wai to Hung Hom section of SCL, MTRCL estimated that there would be a minimum delay of 11 months arising from the archaeological and conservation works at To Kwa Wan Station.</p> <p>For the Hung Hom to Admiralty section of SCL, the commissioning date will very likely be deferred to allow flexibility for the topside development of the convention centre at Exhibition Station, and to cater for the reclamation works under Wan Chai Development Phase II as well as the tunnel works of Central-Wan Chai Bypass.</p>	As the archeological and conservation works at To Kwa Wan Station have incurred delay and additional expenditure, the current contingency of SCL will not be sufficient to meet the additional expenditure arising from the archaeological and conservation works, additional funding from the Legislative Council will be sought in due course in order to proceed with the works.
3.	6053TR	Hong Kong section of Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) – construction of railway works	<p>According to the Entrustment Agreement, the programme completion date is August 2015. In May 2014, MTR Corporation Limited (MTRCL) announced that the new commissioning target would be the end of 2017.</p>	MTRCL announced on 11 August 2014 that the Cost to Complete (CTC) of the Hong Kong section of XRL would be \$71.52 billion (in the money-of-the-day (MOD) prices), which exceeds the Approved Project Estimate (APE) of \$66.8 billion. Based on the information provided by MTRCL and with the assistance of the monitoring and verification (M&V) consultant, HyD has completed the review of MTRCL's CTC. HyD has urged MTRCL to review again the CTC in view of the reports of the MTRCL Independent Board Committee and HyD's review findings. MTRCL would review again the CTC, which is expected for completion in the second quarter of 2015.
4.	6057TR	Hong Kong Section of Guangzhou-Shenzhen-Hong Kong Express Rail Link – construction of non-railway works	<p>In May 2014, the Administration submitted a paper (LC Paper No. CB(1)1328/13-14(03)) to provide LegCo with information on the position of the construction of the Hong Kong section of the XRL at the time, which included DHy's report on the progress of works of the Hong Kong section of the XRL and views on issues resulting in progress delays.</p> <p>In the light of the delay of the construction of the Hong Kong section of the XRL, the Government appointed an Independent Expert Panel ("IEP") in May 2014. On 30 January 2015, the <i>Report of the Hong Kong section of the Guangzhou-Shenzhen – Hong Kong Express Rail Link Independent Expert Panel</i> has been released. Having reviewed the implementation of the Hong Kong section of the XRL, the Panel put forward recommendations aiming to improve the systems, processes</p>	

			and practices for implementing and monitoring the Hong Kong section of the XRL, as well as new railway projects in future.	
5.	6579TH	Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB)	<p>The Highways Department commenced construction of the CWB project in 2009 and has been endeavouring to commission the project in 2017 as originally scheduled. In the coming few years, a large amount of complicated marine and road works will be carried out under the project. There remain a lot of challenges and unforeseeable situations ahead, especially for the works at the Island Eastern Corridor (IEC) Link. The works involve complicated reconstruction and improvement works for the existing bridge structures of the North Point section of the IEC while maintaining the operation of the roads at all times.</p> <p>The unforeseen situations that had been encountered in the past under this project, such as worse-than-expected inclement weather and deeper-than-expected diaphragm walls, may arise in the remaining reclamation works. There are other risks as some works will have to be carried out adjacent to high speed roads and in close proximity to residential areas in future. These risks include longer-than-expected preparatory works for implementing major temporary traffic arrangements on the IEC, and more complicated working procedures to address increasing public concern about construction nuisance. Should the risks materialize, they may affect the programme of the CWB construction works.</p> <p>In view of the many challenges and uncertainties ahead which may lead to works delay, the Highways Department will continue to work with its consulting engineers and resident site staff in closely monitoring the works progress, and strive to adopt appropriate measures to expedite the works, such as enhancing construction methods and sequences, with a view to commissioning the CWB project as early as possible.</p>	It is estimated that the project could be completed within APE.
6.	6720TH	Widening of Tolo Highway/ Fanling Highway between Island House Interchange and Fanling – Stage 2	The works of the project were originally scheduled for completion in 2018. Due to the longer-than-expected time required for land resumption and clearance, the works of the project are now anticipated for completion in 2019.	It is estimated that the project could be completed within APE.
7.	3109KA	Construction of Trade	Project completion date was revised from	Not applicable



		and Industry Tower in Kai Tak Development Area	December 2014 to April 2015 taking into consideration of extension of time claim for inclement weather.	
8.	3016NB	Reprovisioning of Cape Collinson Crematorium	Project completion date was revised from December 2014 to November 2015 to reflect the deferment of Phase 2 works commencement as longer time was required for the testing and commissioning of Phase 1 cremators to cater for EPD requirements and Environment Permit conditions.	Not applicable
9.	3049RG	Public library and indoor recreation centre in Area 3, Yuen Long	Project completion date was revised from June 2013 to target completion by the 1 <sup>st</sup> quarter of 2016 because of the delay in foundation works due to unforeseen difficulty in underground condition with marble cavities underneath and inclement weather.	Not applicable
10.	3266RS	Redevelopment of Victoria Park Swimming Pool Complex	Project completion date was revised from December 2014 to July 2015 because of the deferred completion of the new swimming pool complex due to unforeseen underground condition during foundation works and inclement weather, and the late availability of site for part of the remaining facilities to suit the operation schedule of the existing swimming pool.	Not applicable
11.	5233DS	Sludge Treatment Facilities	Due to longer than expected tender process and construction period.	To cover the additional costs arising from increase in provision for price adjustment.
12.	4236DS	Tai Po sewage treatment works, stage 5 phase 2B	Inclement weather and late handover of sites.	Not applicable
13.	4329DS	Upgrading of Pillar Point sewage treatment works	Inclement weather.	Not applicable
14.	4341DS	Harbour Area Treatment Scheme, stage 2A –upgrading of Stonecutters Island sewage treatment works and preliminary treatment works	Interface issue with sewage tunnel project.	Not applicable
15.	4348DS	North District and Tolo Harbour sewerage, sewage treatment and disposal – regional sewerage works, part 1 – sewerage upgrade	More time required for tender assessment and pump replacement works in existing pumping station to maintain its smooth operation.	Not applicable
16.	4369DS	Harbour Area Treatment Scheme, stage 2A – construction of the sewage conveyance system and advance works for upgrading of Stonecutters Island sewage treatment	Shortage of labour and unforeseen underground condition.	Not applicable

		works		
17.	4371DS	Sewerage in western Tuen Mun	More time required to deal with increased traffic flow and unforeseen underground utilities and constraints.	Not applicable
18.	5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	We cannot award a major construction contract under this project due to insufficient funding under the APE. Funding application for the increase in APE was not discussed by PWSC in 2013-14 legislative session, and was deferred to the 2014-15 legislative session. At PWSC meeting on 26 November 2014, the item was adjourned. At a subsequent PWSC meeting on 9 January 2015, the item was voted down.	Recent surge in construction prices, unforeseen poor ground condition for tunneling works, tenderers' perception of higher risks associated with construction constraints, and associated increase in provision for price adjustment and contingencies.
19.	B566CL	Development at Anderson Road	Extra time is needed to cater for the larger than expected quantity of rock excavation required, inclement weather and the enhancement of the footbridge system to be constructed under the project to improve pedestrian connectivity in response to request by DC members/ the public after upgrading the project to Category A.	Not applicable
20.	9186WC	Replacement and rehabilitation of water mains, stage 3	Traffic constraints, works interface with other projects and special circumstances.	Not applicable

(3) The major public works projects (i.e. original APE greater than \$500 million) which will submit applications for an increase in the APE are listed in the following table.

Project Code	Project Title	Proposed Increase in APE (\$ million)
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works--site formation and infrastructure works	8,719.9
6845TH	Hong Kong-Zhuhai-Macao Bridge (HZMB) project– Reclamation and Superstructures	5,461.1*
5233DS	Sludge treatment facilities	209.8*
5045CG	District cooling system at Kai Tak Development	To be confirmed

\*The proposed increase in APE is tentative only and subject to the confirmation in the submission to the Public Works Subcommittee.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)157**

**(Question Serial No. 6018)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the public works projects completed in the past 2 years,

- (1) how many projects had their underspending kept to below 5%? What was the amount involved?
- (2) how many projects had cost overruns? What were the main reasons for the overruns and what was the additional expenditure involved?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 344)

Reply:

- (1)&(2) Eighty-seven public works projects were substantially completed in the past two financial years. As these completed projects are still in the account finalisation stage, it is too early to say at this moment whether they will have unspent provisions or cost overruns.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)158**

**(Question Serial No. 6469)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What are the specific follow-up work plans related to the review of the policy on the conservation of built heritage in the coming year? What is the estimated expenditure involved?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 400)

Reply:

In February 2013, the Antiquities Advisory Board (AAB) accepted the invitation of the Development Bureau to assist in conducting a policy review on the conservation of built heritage (Policy Review). The Policy Review was completed in December 2014 and the relevant report was released in early January 2015. We are carefully considering AAB's recommendations and working out the relevant financial implications.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)159**

**(Question Serial No. 6477)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

In light of the fatal tree collapse case in Stanley, the Coroner's Court has made recommendations for tree management, including the setting up of an independent department to assess the risk of all trees in Hong Kong. Does the Government still plan to implement the recommendations? What are the specific follow-up work and implementation timetables, as well as the estimated expenditure and establishment for the independent department to be set up?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 339)

Reply:

Following the tree collapse case in Stanley, the Government set up a Task Force on Tree Management in March 2009 to examine a range of issues regarding tree management in Hong Kong comprehensively, addressing in particular concerns about the public safety aspects of tree management expressed by the Coroner's Court and the specific recommendations. Based on the recommendations of the Coroner's Court, the Task Force recommended the setting up of a new office, the Tree Management Office (TMO) at the bureau level to be responsible for policy on tree management, and the implementation of a range of measures including tree risk assessment (TRA) arrangement.

TMO was established under the Development Bureau in 2010. It then developed TRA arrangement and promulgated detailed guidelines (i.e. "Guidelines for Tree Risk Assessment and Management Arrangement on an Area Basis and on a Tree Basis") for compliance by tree management departments. TMO also arranged training on TRA every year since 2010 to provide adequate training to staff of departments for undertaking TRA arrangement effectively. In addition, audit checking by tree management departments and TMO is conducted to ensure that TRA is implemented in a professional manner and in

compliance with the promulgated guidelines. With the practical experience gained during TRA, TMO also carries out review on the practices and guidelines at least annually in consultation with tree management departments with a view to enhancing the quality of TRA.

In brief, in accordance with the recommendations of the Coroner's Court, TMO was set up in 2010 to promulgate TRA guidelines, arrange training, monitor progress and audit check the quality of TRA works of the departments. The tasks on TRA are part and parcel of the daily duties of staff in TMO and there is no separate data on the expenditure and establishment of the tasks.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)160**

**(Question Serial No. 7080)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What is the progress of the formulation of interpretation plans for Well J2 and the water channel discovered at the To Kwa Wan Station of the Sha Tin to Central Link? What are the related work plans and estimated expenditure for the coming year? Will the Government carry out public consultation in this regard? If yes, please provide specific work details such as the mode of consultation as well as the estimated expenditure. If no, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 361)

Reply:

The Antiquities Authority announced on 8 December 2014 the conservation method for Well J2 and the associated water channel. We will consider the proposal for the future interpretation of Well J2 together with the other archaeological discoveries when planning the future Sung Wong Toi Park, and will consult the stakeholders and public on the interpretation options.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)161**

**(Question Serial No. 4711)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Administration inform this Committee of the following -

- (1) What are the operational expenses, establishment and the estimated full-year personal emoluments of the Greening, Landscape and Tree Management Section under the Works Branch of the Development Bureau in 2015-16?
- (2) Is there any difference between the number of problematic trees on the Tree Register and the number of trees which are considered problematic by the tree management departments? If yes, what is the difference between the number of trees which are considered problematic by the departments and the number of problematic trees on the Tree Register?
- (3) How many trees on the Tree Register require more than 6 months to have their problems radically cured?
- (4) How many trees on the Tree Register have collapsed or diseased before receiving treatment in the past 3 years? Apart from the trees on the Tree Register, how many trees that are managed by other government departments have collapsed or diseased?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 111)

Reply:

- (1) In 2015-16, provision for the Greening, Landscape and Tree Management (GLTM) Section on personal emoluments is \$21.5 million, personnel related expenses is \$0.5 million and departmental expenses is \$17.9 million. The staffing of the GLTM



Section up to 31 March 2015 is 33, comprising 24 civil service posts and 9 non-civil service contract staff positions.

- (2) The Tree Management Office of the Development Bureau has been working closely with tree management departments on updating information on the Tree Register in a timely manner. Currently, the number of problematic trees maintained in the Tree Register and those kept in the inventories of various tree management departments are consistent.
- (3) Trees included in the Tree Register are mainly those important trees such as Old and Valuable Trees and stone-wall trees as well as problematic trees requiring continuous (often long-term) monitoring. From 1 January 2014 to 31 December 2014, eight trees were de-listed from the Tree Register after recovery. These eight trees have been kept in the Tree Register for more than six months for mitigation treatment.
- (4) As the Tree Register is designed for keeping information on live, standing trees that require monitoring, it does not include information on trees which have collapsed or withered before carrying out mitigation measures.

Apart from trees on the Tree Register, the number of trees removed in the past three years due to health or structural problems which posed risks to public safety is set out below –

Year	2012-13	2013-14	2014-15 (up to 31 December 2014)
Number of trees	16 988	16 975	12 547

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)162**

**(Question Serial No. 4744)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Government inform this Committee of the operational expenses, establishment and the estimated annual expenditure on emoluments under Programme (5) in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 144)

Reply:

In 2015-16, provision for operational expenses under Programme (5) Intra-Governmental Services is \$226 million comprising personal emoluments (\$129.2 million), personnel related expenses (\$2.5 million), departmental expenses and other charges (\$94.3 million). The establishment as at 31 March 2016 is 160.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)163**

**(Question Serial No. 4745)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not Specified

Programme: (1) Water Supply

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Will the Government inform this Committee of the operating expenses, establishment and the annual estimated expenditure on emoluments under this Programme in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 145)

Reply:

In 2015-16, provision for Programme (1) Water Supply is \$10.3 million comprising personal emoluments (\$4.2 million), personnel related expenses (\$0.1 million) and departmental expenses (\$6 million). The establishment up to 31 March 2016 is 5.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)164**

**(Question Serial No. 3943)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the work to ensure that the impact of works projects on the heritage of Hong Kong would be avoided, will the Administration inform this Committee of the frequency of site visits made by the relevant officers under the Heritage Impact Assessment mechanism for capital works projects in the past 3 years, the number of projects for which professional advice and advice on conservation methods was given, as well as the current establishment and expenditure involved? Are there any plans to increase the establishment and expenditure in 2015-16? If yes, what are the details?

Asked by: Hon CHAN Yuen-han (Member Question No. 34)

Reply:

Under the Heritage Impact Assessment (HIA) mechanism, the project proponents and the relevant works departments of government capital works projects are required to consult the Antiquities and Monuments Office (AMO) of the Leisure and Cultural Service Department whether their projects will affect sites or buildings of historic or archaeological significance through submission of checklists. If affirmative, the works department will be required to conduct necessary site visits and carry out an HIA study for assessing the heritage impact arising from the implementation of capital works projects. Mitigation measures should be devised and the public should be engaged in the process.

In the past three years (financial year (FY) 2012-13 to FY 2014-15), 14 projects were required to conduct HIA studies. Of these studies, seven studies have already been completed for which professional advice on conservation method to devise mitigation measures had been given. AMO staff responsible for overseeing the HIAs conducted site visits as and when necessary to inspect the capital works projects concerned. The cost

associated with these mitigation measures will be charged to the project vote of the relevant capital works projects.

The Commissioner for Heritage's Office of the Development Bureau has kept the HIA mechanism under constant review. The relevant expenditure and manpower are absorbed within its existing resource, and there is no plan to increase the establishment in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)165**

**(Question Serial No. 6574)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Under Programme (5) for 2015-16, it is not mentioned that the Development Bureau (DEVB) will follow up on the work of the Lantau Development Advisory Committee (LanDAC). However, the Administration has started producing posters and leaflets to promote the development themes of Lantau before the end of this year. Please advise on the staff assigned and the resources earmarked by the DEVB to follow up on the work of the LanDAC in 2014-15 and 2015-16?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. 678)

Reply:

As mentioned under Programme (5) for 2015-16, the DEVB will serve the LanDAC and two of its subcommittees. Five professional and executive staff in the DEVB are assigned to provide secretariat services for and take forward the work of the LanDAC. The financial resources (including the personal emoluments of staff) involved are \$5 million and \$6.9 million in 2014-15 and 2015-16 respectively.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)166**

**(Question Serial No. 7076)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What was the expenditure for fung shui compensation, including the expenditure for Pai Lau, fung shui pavilions, etc., due to the implementation of public works projects in the past 5 years?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. 226)

Reply:

Works departments will strive to minimise the impact on the surrounding environment when implementing public works projects. However, there may be cases where the works will cause unavoidable adverse impact or inconvenience to the neighbourhood. In such cases, to ensure smooth implementation of the projects as well as to address the concerns of the residents, the works departments will provide certain community facilities or improve the existing ones, such as Pai Lau or rain shelters, to alleviate the adverse impact of the public works projects. While some residents may consider these compensatory works are related to "fung shui", "fung shui" is actually not a consideration for the departments concerned.

In the past five years (i.e. from 2010-11 to 2014-15), the expenditure on provision or improvement of community facilities such as Pai Lau or rain shelters is around \$15 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)167**

**(Question Serial No. 7035)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Development Bureau (DEVB) provides services to the Lantau Development Advisory Committee (LanDAC) and 2 of its 4 subcommittees. In this connection, please inform this Committee:

- a. of the details of the services provided by the DEVB to the LanDAC and 2 of its subcommittees, the manpower involved, names of the subcommittees and relevant costs;
- b. of the reasons why the DEVB does not provide services to the remaining 2 subcommittees of the LanDAC;
- c. how the public can participate in and monitor the LanDAC; and
- d. whether the public can become members of the LanDAC to advise the Government on Lantau's social and economic development strategy and opportunities. If yes, what are the details? If no, what are the reasons?

Asked by: Hon CHEUNG Kwok-che (Member Question No. 794)

Reply:

- a. Five professional and executive staff in the DEVB provide secretariat services for the LanDAC and two of its subcommittees, namely the Economic and Social Development Subcommittee and the Traffic and Transport Subcommittee. The estimated overall personal emoluments of these staff are \$4.7 million in 2015-16.
- b. Three professional and technical staff in the Planning Department and two professional staff in the Civil Engineering and Development Department provide



secretariat services for the other two subcommittees, i.e. the Planning and Conservation Subcommittee and the Public Relation and Engagement Subcommittee respectively. The estimated overall personal emoluments of these staff are \$1.1 million and \$1.3 million respectively in 2015-16.

- c. All essential information of the LanDAC, including discussion papers and notes of discussion, are available on the website of the DEVB. We welcome the public to provide their views and suggestions on Lantau development. Besides, the Public Relation and Engagement Subcommittee is formulating a public consultation strategy, and meanwhile, we are engaging the relevant District Councils and relevant stakeholders on the proposals of Lantau development.
- d. The Secretary for Development has already appointed 20 non-official members to the LanDAC to advise the Government on Lantau development. They come from a wide spectrum of sectors, including members of the Legislative Council, the Heung Yee Kuk, the District Councils, think tanks and the tourism and logistics industries, and professionals and academics with vast experience and rich knowledge in the local community and their own professions/sectors.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)168**

**(Question Serial No. 7036)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Administration worked closely with the Ministry of Housing and Urban-Rural Development and counterparts in Guangdong Province (including Qianhai amongst its key development areas) of the Mainland to pursue further market access in the Mainland, mutual recognition of professional qualifications, extension of the existing scope of the professional services as well as registration of construction sector professionals to practise and to set up enterprises. Please inform this Committee of the details of the collaboration scheme, the expenditure, manpower and costs involved.

Asked by: Hon CHEUNG Kwok-che (Member Question No. 795)

Reply:

In pursuing further market access in the Mainland, we maintain frequent contact with local industry stakeholders and seek their views on issues including mutual recognition of professional qualifications, extension of the existing scope of the professional services as well as registration of construction sector professionals to practise and to set up enterprises in Mainland. We maintain contact with and formulate proposals to the Mainland Authorities including Department of Construction of Guangdong Province, Construction Practice Qualification Registration Center of Guangdong Province, Ministry of Housing and Urban-Rural Development, Ministry of Commerce, etc. with a view to pursuing more liberalization measures open to the Hong Kong construction industry. We also co-organise a Mainland-Hong Kong construction industry forum each year to promote professional exchange among industry stakeholders.

Since the signing of the Cooperation Agreement with the Qianhai Authority in 2013, the Development Bureau has kept further close collaboration with Qianhai Authority on implementation of the framework for Hong Kong professionals and enterprises in the construction and engineering sectors to participate in Qianhai development and provide a full range of services including engineering design, project management and works supervision services.

Three staff members of the Works Branch are tasked to mainly deal with the services promotion to Mainland. The involved cost and expenditure is \$2.7 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)169**

**(Question Serial No. 5335)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the past 5 years, the Development Bureau (DEVB) offered assistance and explored economic incentives as appropriate to facilitate conservation of privately owned historic buildings. Please set out in detail the historic buildings involved, assistance offered, as well as the expenditure and manpower involved. What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

In the past five years, we have successfully secured owners' agreement to conserve historic buildings under the following seven projects through the provision of economic incentives -

- (a) The front portion of the shophouse at 179 Prince Edward Road West (a Grade 3 historic building) is preserved through a minor relaxation of plot ratio from 9 to 10.23 approved by the Metro Planning Committee of the Town Planning Board (TPB) on 19 March 2010;
- (b) Four historic buildings of Hong Kong Sheng Kung Hui at 1 Lower Albert Road (three Grade 1 historic buildings and one Grade 2 historic building) are preserved through a transfer of plot ratio approved by the Chief Executive in Council on 7 June 2011;
- (c) The clock tower of the CLP Administration Building (Proposed Grade 1 historic building) is preserved through a minor relaxation of building height from 80 metres above Principal Datum (mPD) to 100 mPD and plot ratio from 5 to 5.5, as well as

permission for using the clock tower as a place of recreation, sports or culture, which was approved by the Metro Planning Committee of TPB on 4 November 2011;

- (d) Part of the façade of 47 Barker Road (a Grade 2 historic building) is preserved through a minor relaxation of plot ratio from 0.5 to 0.545 approved by the Metro Planning Committee of TPB on 18 November 2011;
- (e) Jessville (a Grade 3 historic building) is preserved under a preservation-cum-development proposal which was facilitated by the partial uplifting of the Pokfulam Moratorium approved by the Chief Executive in Council on 26 March 2013;
- (f) Part of the façade of 8 Pollock's Path (a Grade 2 historic building) is preserved through a minor relaxation of plot ratio from 0.5 to 0.548 approved by the Metro Planning Committee of TPB on 27 September 2013; and
- (g) Cheung Chau Theatre (a Grade 3 historic building) is preserved through a minor relaxation of plot ratio restriction from 0.4 to 0.472 and that of site coverage restriction from 20% to 36.8% approved by the Rural and New Town Planning Committee of the TPB on 13 December 2013.

During this period, we have also been exploring possible preservation-cum-development proposal for preserving the residence at 23 Coombe Road (a Grade 1 historic building).

No public money was involved in the above cases and the manpower involved in discussing with the owners concerned on the economic incentives is absorbed within existing resources.

On the other hand, the Antiquities Advisory Board (AAB) accepted the invitation of the Development Bureau to assist in conducting a policy review on the conservation of built heritage (Policy Review) in February 2013. One of the key issues examined in the Policy Review concerned the provision of economic incentives for the conservation of built heritage. AAB launched a public consultation exercise for the Policy Review between June and August 2014. Public views were mainly gauged through (a) publication of a consultation document; (b) engagement sessions for briefing Members of the Legislative Council Panel on Development, the Heung Yee Kuk as well as the Chairmen and Vice-Chairmen of the 18 District Councils and some District Councils; (c) a public forum and three thematic discussion sessions to proactively engage the general public and the relevant stakeholders (including professional bodies, the owners of the graded historic buildings, concerned groups, etc.); and (d) four rounds of telephone survey.

AAB has completed the Policy Review in December 2014. The Administration will follow-up the recommendations of AAB which are drawn up making reference to the views received in the public consultation exercise described above. There is no plan to conduct further public consultation in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)170**

**(Question Serial No. 5336)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the past 5 years, the Development Bureau (DEVB) took forward the Central Police Station Compound revitalisation project in partnership with the Hong Kong Jockey Club. What were the expenditure and manpower involved? What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

Under the partnership arrangement between the Development Bureau (DEVB) and the Hong Kong Jockey Club (HKJC), the HKJC will fund all the revitalisation works and all operational deficits until the operation of the Central Police Station Compound is financially self-sustainable. As such, there is no government expenditure under this revitalisation project.

HKJC conducted a six-month public engagement exercise from October 2007 to April 2008 to engage stakeholders through various channels and activities. After extensive consultation with the public, the Government jointly announced the revised design of the revitalisation of the Central Police Station Compound with HKJC on 11 October 2010. DEVB and HKJC consulted the Legislative Council Panel on Development and the Central and Western District Council (C&WDC) on 23 November 2010 and 6 January 2011 respectively and obtained members' support on the revised design. Public consultation was also conducted under the Environmental Impact Assessment Ordinance (Cap. 499) and the Town Planning Ordinance (Cap. 131) on HKJC's proposal. After considering the

public views collected, the authorities granted the relevant Environment Permit and planning permission in April and May 2011 respectively.

Furthermore, DEVB has regularly reported to the Legislative Council Panel on Development, C&WDC, the Antiquities Advisory Board and the relevant Working Group of C&WDC about the latest development of this revitalisation project, and we would continue to do so in 2015-16. The expenditure and manpower involved in these public consultation exercises will be absorbed within the existing resources of the Commissioner for Heritage's Office of the DEVB.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 5337)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the past 5 years, did the Development Bureau (DEVB) carry out any detailed inspections at the affected areas in Hong Kong where major infrastructure works were underway or under planning so as to make sure if there were any heritage sites? If yes, what were the details and the expenditure involved? What are the estimated number of public consultations to be held by DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

Over the past five years, the relevant departments have carried out archaeological investigation (AI)/heritage impact assessment (HIA) in conjunction with the implementation of public works projects as follows -

<b>PWP Item No.</b>	<b>Project Title</b>	<b>Brief Description of the AI/HIA</b>	<b>Status of AI/HIA</b>	<b>Estimated Cost of AI/HIA (\$ million)</b>
9186WC	Replacement and rehabilitation of water mains stage 3 - mains in West Kowloon (Package A)	To conduct archaeological survey and field work	completed	0.23
9191WC	Replacement and	To conduct archaeological	completed	1.43



	rehabilitation of water mains stage 4 phase 1 – major mains in Eastern N.T. (Lung Kwu Tan, Tuen Mun North and Shau Tau Kok)	survey and field work		
9189WC	Replacement and rehabilitation of water mains stage 4 phase 2 – mains on Outlying Islands (Ma Wan)	To conduct archaeological survey and field work	completed	0.10
9189WC	Replacement and rehabilitation of water mains stage 4 phase 2 – mains on Outlying Islands (Lo So Shing, Peng Chau and Pui O)	To conduct archaeological survey and field work	completed	0.10
9347WF	Reprovisioning of Harcourt Road fresh water pumping station	To carry out baseline study, impact assessment, development of methodology, mitigation measures and conservation proposal	completed	0.28
5014GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – Regulation of Shenzhen River Stage IV	To obtain field data to fill in information gap regarding archaeological potential of the Cultural Heritage Impact Assessment Study Area	completed	Separate cost information not available as the AI/HIA were subsumed in the environmental impact assessment study
5014GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	To carry out archaeological survey and field work	completed	0.11
5019GB	Liantang/Heung	To carry out archaeological	in progress	0.01

	Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	survey and field work in a section of Lin Ma Hang Road		
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	To carry out archaeological survey and field work for the connecting road near Sha Tau Kok Road, Lau Shui Heung and Fanling Highway	in progress	1.83
7469CL	Kai Tak Development – Stage 5A infrastructure works at former north apron area	To carry out archaeological survey and field work	in progress	4.50
4377DS	Upgrading of Central and East Kowloon Sewerage – phase 2	To carry out archaeological survey and field work at Ngau Chi Wan Village, Jordan Valley North Road and Chatham Road South	completed	0.01
4387DS	Upgrading of Mui Wo sewage treatment works and sewerage at Mui Wo town centre and Wang Tong	To conduct archaeological survey and field work at Wang Tong (Mui Wo) within the Wang Tong Archaeological Site.	in progress	0.10

So far, there is no dedicated public consultation on the archaeological findings arising from the above AI/HIA works planned to be carried out in 2015-16, but this will be subject to change if there are new findings of significant archeological value in the coming year.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)172**

**(Question Serial No. 7086)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Please inform this Committee of the details of conservation work of the Development Bureau regarding the heritage sites dated to the Sung Dynasty discovered along the ShaTin to Central Link of the MTR Corporation Limited. What are the estimated number of public consultations, as well as the estimated expenditure and manpower involved?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

Following the consultation with the Antiquities Advisory Board, the Antiquities Authority announced on 8 December 2014 his decision on the conservation method of the unearthed remnants discovered at the works site of the To Kwa Wan Station of the ShaTin to Central Link, with most of them preserved in-situ. The Government will consider the proposal for the interpretation of the archaeological discoveries when planning the future Sung Wong Toi Park, and will consult the stakeholders and public on the interpretation options.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)173**

**(Question Serial No. 7089)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the past 5 years, the Development Bureau (DEVB) implemented the Financial Assistance for Maintenance Scheme (FAS) to provide financial assistance on the maintenance of privately owned graded historic buildings for conservation. Please set out in detail the historic buildings involved, assistance offered, as well as the expenditure and manpower involved. What were the details of the public consultations launched by DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

In the past five years, we have approved 40 applications for the carrying out of maintenance works to the privately-owned graded historic buildings. The details are listed below -

<u>Name of Historic Building</u>	<u>Brief Scope of Maintenance Works</u>	<u>Approved Amount (\$)</u>
<b><u>Approved applications in 2010/11</u></b>		
i) Hung Shing Temple, Yuen Long	Restoration of roof and structural frame	1,000,000
<b><u>Approved applications in 2011/12</u></b>		
ii) Tao Fong Shan Christian Centre (Side Chapel), Shatin	Roof rectification works, structural repair to walls	999,000
iii) Tat Yan Study Hall, Yuen Long	Restoration of roof and upgrading of electrical system	1,000,000
iv) Leung Ancestral Hall, Tai Po	Restoration of roof, walls, floor, doors and	1,000,000

		ancestral altars	
v)	Earth God Shrine, Sheung Shui	Restoration of the walls and ground slab of the shrine	390,000
vi)	Tsang's Ancestral Hall, Tsuen Wan	Restoration of roof, walls, floor, doors, plaques and murals	950,000
vii)	Kau Yan Church, Sai Ying Pun	Restoration of roof	1,000,000
viii)	Lim House, Yuen Long	Restoration of roof, walls, doors, windows and balconies	1,000,000
ix)	Holy Trinity Cathedral, Kowloon City	Restoration of the higher roof	958,000
x)	No. 8 San Lau Street, Sha Tau Kok	Restoration of roof, structural repair to slab and beam,	1,000,000
xi)	Kowloon Union Church, Jordan	Upgrading of the storm water and waste water System	1,000,000

#### **Approved Applications in 2012/13**

xii)	Hung Shing Temple, Yuen Long, Phase II	Restoration of the roof and wall at the entrance hall and main hall	1,000,000
xiii)	Ip Ancestral Hall, Sha Tau Kok	Restoration of the roof, walls, and the shrine	1,000,000
xiv)	Tin Hau Temple, Yuen Long, Phase II	Restoration of eaves boards, granite plaque	980,000
xv)	Jamia Mosque, Sheung Wan, Phase II	Install new waterproofing system at roof	950,000
xvi)	Tin Hau Temple, Lam Tsuen, Tai Po	Restoration of roof	1,000,000
xvii)	Holy Spirit Seminary, Chapel	Install new waterproofing system at roof	999,960
xviii)	Kau Yan Church, Sai Ying Pun Phase II	Repair spalling of concrete	1,000,000

#### **Approved Applications in 2013/14**

xix)	Yuen Kwan Tai Temple, Mong Tseng Wai, Yuen Long	Restoration of roof of Main Hall and Incense Pavilion	1,000,000
xx)	Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of roof of Gate House, Main Hall and Incense Pavilion	1,000,000
xxi)	First Church of Christ Scientist	Restoration of roof and drainage system of church building, cracks repair and repaint to the exterior and interior wall	1,000,000
xxii)	Tao Fong Shan Christian Centre (Christ Temple), Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	931,420
xxiii)	Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of roof, walls, floors and upgrading of electrical system	789,000
xxiv)	No.71 San Wai Tsuen, San Tin, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works	390,000
xxv)	Municipal Services Staff Recreation Club, King's Park, Kowloon	Restoration of roof and drainage system, repaint walls and ceiling, floor cracks repair	991,000

xxvi)	Ancestral Hall (Middle Hall) of Tsang Tai Uk, Shatin	Restoration of roof, repair ceremonial screens and upgrading of electrical system	1,000,000
xxvii)	No.60 Kat Hing Street, Tai O, Lantau	Repair of spalled concrete, brickwork, rendering and roof waterproofing	1,000,000
xxviii)	Man San Ye Ancestral Hall, San Tin, Yuen Long	Restoration of roof and upgrading of electrical system	1,000,000
xxix)	Tat Yan Study Hall, Yuen Long, Phase II	Restoration of roof and shrine	810,000

**Approved Applications in 2014/15**

xxx)	Lo Pan Temple	Clean and repair roof ridge, altar and murals; external wall water leakage repair and electrical installation rectification works	987,500
xxxi)	Kwong Yuet Tong Public Office	Clean and repair render of building façade; repair of defective rain water pipes; re-roofing to main roof, spalling concrete repair and upgrading of electrical system	895,500
xxxii)	Tin Hau Temple, Kat O	Repair of roof, spalled concrete, roof drainage and other maintenance works	1,000,000
xxxiii)	No.21 San Lung Tsuen	Repair of roof, main door, brick wall, floor finishes and other maintenance works	965,000
xxxiv)	No.22 San Lung Tsuen	Repair of roof, main door, brick wall, floor finishes and other maintenance works	1,000,000
xxxv)	Lai Mansion	Restoration of roof of entrance hall, repair roof ridges and other maintenance works	1,000,000
xxxvi)	Shrine of Tin Sam Tsuen	Repair of roof, main door, brick wall, altar and other maintenance works	936,000
xxxvii)	No.26 Cheung Shing Street	Repair of roof and other maintenance works	991,200
xxxviii)	Kowloon Bowling Green Club	Repair of roofs and other maintenance works	1,000,000
xxxix)	No.14 Tai O Market Street	Repair of roof, doors and windows, concrete repair and other maintenance works	1,000,000
xl)	Sik Lo	Repair of roof of Main Hall and Side Hall, restoration of murals at Main Hall and Entrance Hall	1,000,000

In implementing FAS, DEVB is the co-ordinator and the Technical and Advisory Unit (TAU) of the Antiquities and Monuments Office provides conservation and technical advice to the approved applicants throughout the delivery of the works projects. The concerned expenditure and manpower involved by DEVB were absorbed within its existing resources. TAU is led by a Senior Heritage Officer and supported by four technical staff. The estimated expenditure in 2015-16 is approximately \$4.8 million with the number of staff deployed to work on FAS remaining unchanged in 2015-16. The public can obtain information and make enquiry regarding FAS via the website of the Commissioner for Heritage's Office of DEVB. We do not conduct public consultation on FAS projects.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)174**

**(Question Serial No. 7090)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Development Bureau (DEVB) took forward the transformation of the former Police Married Quarters on Hollywood Road into a creative industries landmark in partnership with the selected non-profit-making organisation. What were the expenditure and manpower involved? What were the details of the public consultations launched by the DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

The approved project estimate of the project 3400IO "Transformation of the former Police Married Quarters on Hollywood Road into a creative industries landmark" is \$560.1 million in money-of-the-day prices. The manpower involved in the project would be absorbed within the existing resources.

In order to gauge the community's views on how best the site should be revitalised, DEVB conducted a three-month public consultation exercise between February and May 2008. During this period, DEVB held a total of eight meetings with relevant organisations and members of the public to collect their views. These include the Heritage Conservation Subcommittee of the Legislative Council, the Central and Western District Council (C&WDC), the Hong Kong Tourism Board, the Travel Industry Council, the Tourism Strategy Group, the Antiquities Advisory Board (AAB), the Hong Kong Institute of Architects, and the Urban Renewal Authority, etc. DEVB also organised public seminars and open days.



After extensive consultation with the public, the Government and the Musketeers Education and Culture Charitable Foundation Limited (Musketeers Foundation) consulted C&WDC on 3 March 2011 and 15 March 2011 and obtained members' support for the proposed project. Moreover, the Government and the Musketeers Foundation also consulted AAB and the Legislative Council Panel on Development on 22 March 2011 and 20 April 2011 respectively and obtained members' support. Public consultation was also conducted under the Town Planning Ordinance (Cap. 131) on the project proposal. After considering the public views collected, the Metro Planning Committee of the Town Planning Board granted the planning permission on 15 April 2011.

Furthermore, DEVB has regularly reported to the Legislative Council Panel on Development, C&WDC, the AAB and the relevant Working Group of C&WDC about the latest development of this project. This revitalised site was commissioned in April 2014. We would continue to report to the Legislative Council Panel on Development, C&WDC and AAB about the latest development of this project in 2015-16 as and when required, and the concerned expenditure and manpower involved would be absorbed within the existing resources of DEVB.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)175**

**(Question Serial No. 7091)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

DEVB has carried out grading exercise for about 1 444 historic buildings and other buildings suggested for grading by the public and sought the Antiquities Advisory Board's confirmation of the proposed grading. What are the progress and manpower involved? What are the estimated number of public consultations to be held by DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

Since 2009, the Antiquities Advisory Board (AAB) has been reviewing the grading of 1 444 historic buildings in the territory. Apart from these 1 444 buildings, some 200 suggestions for grading other new items have been received from the public. As at its last meeting held on 4 March 2015, AAB finalised the grading of 1 307 buildings. The work is absorbed within the existing manpower resources.

AAB agreed at its meeting on 20 February 2013 that it will proceed to examine new items alongside the remaining items from the list of 1 444 buildings. Such arrangement was reported to the Legislative Council Panel on Development on 26 February 2013. According to the established practice, after agreeing on a proposed grading for an individual item, AAB will conduct public consultation through its website before finalising the grading. The expenditure and manpower involved in 2015-16 will be absorbed within the existing resources.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)176**

**(Question Serial No. 7092)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What are the numbers of participants in the “New Life @ Heritage” roving exhibition, roving photo exhibitions on “TIMELESS archiCULTURE–UNESCO Asia-Pacific Awards for Cultural Heritage Conservation: 14 Award-winning Projects of Hong Kong” and “Heritage Fiesta 2014” cum photo exhibition? What is the expenditure involved and how successful are the activities? Will similar activities be launched by the DEVB in 2015-16? What are the details as well as the estimated expenditure and manpower involved?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

The number of participants and expenditures for the three promotional and educational activities during 2014-15 are as follows -

Activities	No. of Participants	Actual Expenditure
“New Life @ Heritage” roving exhibition	37 120	\$161,800
Roving photo exhibitions on “TIMELESS archiCULTURE – UNESCO Asia-Pacific Awards for Cultural Heritage Conservation: 14 Award-winning Projects of Hong Kong”	139 115	\$641,108

“Heritage Fiesta 2014” cum photo exhibition	53 035	\$838,006
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In 2015-16, we will continue to organise similar promotional and educational activities for the public, including a roving exhibition and Heritage Fiesta 2015. The estimated budget is around \$2.5 million. These activities will mainly be organised by existing staff of the Commissioner for Heritage’s Office of the Development Bureau.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)177**

**(Question Serial No. 7093)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In the past 5 years, the Development Bureau (DEVB) has conducted consultancy studies on the feasibility of setting up a heritage trust in Hong Kong. What were the details of the studies as well as the expenditure and manpower involved? What were the details of the public consultations launched by DEVB on this matter in the past 5 years? What are the estimated number of public consultations to be held by the DEVB on this matter, as well as the expenditure and manpower involved in 2015-16?

Asked by: Hon KWOK Ka-ki (Member Question No. 175)

Reply:

DEVB commissioned a consultancy study in 2011-12 to investigate the feasibility, framework and implementation of setting up a statutory heritage trust in Hong Kong to take forward heritage conservation efforts. The cost of the consultancy study is around \$1.3 million. The consultancy study is handled by staff of DEVB.

The Antiquities Advisory Board (AAB) accepted the invitation of DEVB to assist in conducting a policy review on the conservation of built heritage (Policy Review) in February 2013. One of the key issues examined in the Policy Review concerned the setting up of a heritage fund for the conservation of built heritage. AAB launched a public consultation exercise for the Policy Review between June and August 2014. Public views were mainly gauged through (a) publication of a consultation document, in response to which around 100 written submissions were received; (b) engagement sessions for briefing Members of the Legislative Council Panel on Development, the Heung Yee Kuk as well as the Chairmen and Vice-Chairmen of the 18 District Councils and some District Councils; (c) a public forum and three thematic discussion sessions to proactively engage the general public and the relevant stakeholders (including professional bodies, the owners of the

graded historic buildings, concerned groups, etc.); and (d) four rounds of telephone survey covering around 4 000 respondents.

AAB has completed the Policy Review in December 2014. The Administration will follow-up the recommendations of AAB which are drawn up making reference to the views received in the public consultation exercise described above.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)178**

**(Question Serial No. 3606)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is mentioned under Matters Requiring Special Attention in 2015-16 that studies will be carried out to select an operator for the vacant sites underneath Kwun Tong Bypass for arts, culture and creative uses. Regarding Fly the Flyover 01 (FF01), will the Administration provide the relevant information as follows:

1. The total number of hours available for the use of various organisations per year since its opening;
2. The total number of hours approved for the use of various organisations per year since its opening;
3. Details of events which have been granted approval for using the venue since its opening, including the names and nature of the organisations, as well as the names, objectives, dates, targets, numbers of participants and numbers of hours of the events;
4. What is the operating expenditure involved for the FF01 in 2014-15, including the expenditures on manpower, repair, maintenance and other items?

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 62)

Reply:

FF01 has an open design without any boundary fencing. It welcomes the use by the community freely at all times.

For organised events which require our support for electricity, back stage facilities, etc., the organisers will contact the Energizing Kowloon East Office to book the venue and make the arrangement. The total number of hours used by such organised events since the opening of FF01 in January 2013 is about 2 600 hours up to end 2014.

Among the organised events, 35 events were related to arts, culture and creative activities, 39 events were related to youth activities and 13 events were for family groups and others. Nature of the organisations includes non-profit making organisations, organisations promoting arts, culture, creativity and sports events, professional institutes and also social enterprises. About 100 000 persons have participated in these events/activities since the opening of FF01. All the events in FF01 are published on the EKEO website for public information.

The operating expenditure for FF01 in 2014-15, including the expenditure on manpower, cleaning, repair, maintenance and other sundries items is around \$190,000.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)179**

**(Question Serial No. 3607)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

It is mentioned under the Programme that the Administration will explore the feasibility of developing Kowloon East into a “Smart City” through a number of initiatives. Will the Administration provide information on the initiatives in tabular form, including the specific details of the projects, commencement dates of preparation, details of preparation work completed in the past, details of outstanding preparation work, implementation dates, the expenditures required and expected results?

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 63)

Reply:

Under the “Smart City” initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the

consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)180**

**(Question Serial No. 5671)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): (000) Operational Expenses

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the work to “facilitate conservation of privately owned historic buildings”, what kind of assistance was provided in the past 3 years, and the specific amount? How many cases were there of the conservation of privately owned historic buildings?

Asked by: Hon LEUNG Kwok-hung (Member Question No. 546)

Reply:

Since 2008, the Commissioner for Heritage's Office (CHO) of the Development Bureau has launched a Financial Assistance for Maintenance Scheme to help owners of privately-owned graded historic buildings to carry out maintenance works for their buildings. In the past three years, CHO had approved 29 applications and granted a total amount of \$27.6 million for carrying out the maintenance works.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)181**

**(Question Serial No. 4347)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In paragraph 46 of the Budget Speech, it is mentioned that from this year onwards, free online government information will be released in digital formats.

- (1) Please provide in the table below details about the free online government information released in digital formats by your bureau/department for download by the public:

Bureau/ Department	Free information/ data released to the public	Description of the information	Period of the information	Is it currently listed in Data.One	Date of release and the updating frequency	Format of information available for download (please choose)			
						JSON, XML, or CSV	XLS, DOC	TIF, JPG, PDF, PNG	RSS

- (2) In 2015-16, what are the manpower and expenditure involved in releasing online government information by your bureau/department?
- (3) Did your bureau/department review all non-classified information that your bureau/department own or possess, draw up priorities for their release, and compile them into digital data formats to facilitate retrieval/inspection, research or application development, and the creation of more industries through innovative reuse of data? If so, what are the details? If not, what are the reasons?

Asked by: Hon MOK Charles Peter (Member Question No. 76)

Reply:

- (1) The Works Branch of the Development Bureau and its housekeeping departments make available free information for public inspection through the respective websites. These include information on the approved lists of public works contractors, tender notices, press release, publications, technical manuals, circulars and papers, public works project data, figures and statistics, etc, in the relevant XML, CSV, DOC, XLS, JPG, RSS, and PDF formats. Given the wide range and large quantity of information, we are unable to list out the information exhaustively. The following items are the information listed in DATA.GOV.HK:

Bureau/ Department	Free information/ data released to the public	Description of the information	Period of the information	Is it currently listed in DATA.GOV. HK	Date of release and the updating frequency	Format of information available for download (please choose)			
						JSON, XML, or CSV	XLS, DOC	TIF, JPG, PDF, PNG	RSS
ArchSD	Exhibition gallery of government building projects - <a href="https://data.gov.hk/en-data/dataset/hk-archsd-archsd01-exhibition-gallery-of-government-building-projects">https://data.gov.hk/en-data/dataset/hk-archsd-archsd01-exhibition-gallery-of-government-building-projects</a>	Information and images of selected government building projects (Total 45 nos. of project which were completed since 2000)	Not applicable as those project images are time-insensitive	Yes	Since 2012, Quarterly			JPG	
EMSD	Registers of Personnel on Gas	Lists of competent persons under the Code of Practice for Hong Kong LPG Industry / Gas Safety (Gasholders Examination) Regulation	Latest status as at the time of release	Yes	31 Dec 2014. It will be updated as and when necessary.		XLS		
EMSD	Registers of Personnel/ Contractors on Builder's Lifts and Tower Working Platforms	Lists of registered examiners / contractors under the Builders' Lifts and Tower Working Platforms (Safety) Ordinance	Latest status as at the time of release	Yes	31 Dec 2014. It will be updated on quarterly basis.		XLS		

EMSD	Register of Personnel on Amusement Rides	Surveyors and Qualified Persons under the Amusement Rides (Safety) (Operation and Maintenance) Regulation (Safety) Ordinance	Latest status as at the time of release	Yes	31 Dec 2014. It will be updated on quarterly basis.		XLS		
EMSD	Registers of Personnel on Vehicle Mechanics	List of registered vehicle mechanics and list of competent persons qualified in servicing LPG vehicle	Latest status as at the time of release	Yes	31 Dec 2014. It will be updated on monthly / yearly basis.		XLS		
EMSD	Hong Kong Energy End-use Data	Hong Kong Energy End-use Data 2014	2002 to 2012	Yes	31 Dec 2014. It will be updated on yearly basis.		XLS		
EMSD	Performance Rating of Lift and Escalator Contractors	Performance rating in safety and service quality aspects of the registered lift and escalator contractors	October 2013 to September 2014	Yes	31 Dec 2014. It will be updated on quarterly basis.		XLS		

- (2) The manpower and expenditure involved in releasing online government information on our websites are absorbed as part of our in-house resources.
- (3) We review our non-classified information and take actions for their appropriate release in accordance with the Government Chief Information Officer's relevant circular "Release of Public Sector Information in Digital Format" issued in January 2015.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)182**

**(Question Serial No. 4348)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: Not Specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In connection with the provision of public information and gathering of public opinions by means of the Internet, please advise of the particulars, in tabulated forms (see Annex 1), regarding the social media platforms set up and operated by your bureau/department/public bodies or their agents (such as out-sourced contractors or consultants) for the past year.

Commencement of operation (Month/ Year)	Status (keeps on updating / ceased updating ) (as at 28 February 2015)	Government agencies (including policy bureaux/ departments/ public bodies/ government consultants)	Name	Social media (Facebook/ Flickr/ Google+/ LinkedIn/ Sina Weibo/ Twitter/ YouTube)	Purpose of establishment and no. of updates (as at 28 February 2015)	No. of "Likes"/ subscribers/ average monthly visits (as at 28 February 2015)	Compilation of summary of comments and follow-up on a regular basis (Yes/ No)	Rank and No. of officers responsible for the operation (as at 28 February 2015)	Financial resources involved in the establishment and daily operation (as at 28 February 2015)

Asked by: Hon MOK Charles Peter (Member Question No. 77)

Reply:

The table below provides the information in respect of Works Branch, Development Bureau, the Works group of Departments and the Construction Industry Council -

Commencement of operation (Month/ Year)	Status (keeps on updating / ceased updating ) (as at 28 February 2015)	Government agencies (including policy bureaux/ departments/ public bodies/ government consultants)	Name	Social media (Facebook/ Flickr/ Google+/ LinkedIn/ Sina Weibo/ Twitter/ YouTube)	Purpose of establishment and no. of updates (as at 28 February 2015)	No. of "Likes"/ subscribers/ average monthly visits (as at 28 February 2015)	Compilation of summary of comments and follow-up on a regular basis (Yes/ No)	Rank and No. of officers responsible for the operation (as at 28 February 2015)	Financial resources involved in the establishment and daily operation (as at 28 February 2015)
April 2014	Ceased updating	Development Bureau (Works Branch)  (DEVB (WB))	"Conservation of Historic Buildings"	Facebook	To collect public views for the policy review on conservation of built heritage (Policy Review) during the public consultation period (No. of updates: 6)	A total of 127 "Likes" (as at 12.3.2015)	Comments on the Facebook page had been duly considered in conducting the Policy Review	One agency worker comparable to Clerical Assistant rank	Not applicable
March 2014	Ceased updating	DEVB (WB)	"Conservation of Historic Buildings" (4 video clips)	YouTube	To promote the Policy Review (No. of updates: 0)	A total of 535 viewers and 1 subscriber (as at 12.3.2015)	Not applicable	Not applicable	Not applicable
February 2013	Keeps on updating	DEVB (WB)	DEVB's YouTube channel	YouTube	To post interesting coverage of Energizing Kowloon East Office events. Ten videos have been uploaded.	No. of video views (total): 1 723	No	1 Place Making Manager on non-civil service contract (NCSC) terms comparable to Executive Officer I (EOI) rank	Not applicable
June 2014	Ceased updating	DEVB (WB)	Kai Tak Fantasy International Ideas Competition - Public Engagement	Facebook	To make use of social media in public engagement between 5 June and 5 August 2014. No. of updates: 17	No. of views: 757	No	Out-sourced to the Social Sciences Research Centre of The University of Hong Kong, the public engagement consultant of the Kai Tak Fantasy project	Not applicable
June 2012	Keeps on updating	DEVB (WB)	Greening Projects' YouTube channel	YouTube	To provide general information on greening and tree management. (5 updates).	No. of video views (total): 6 590	No	1 Senior Executive Assistant on NCSC terms comparable to EO I	Not applicable



August 2013	Keeps on updating	DEVB (WB)	Be Our Greening Partner Campaign	Facebook	To post information and activities that are of interest to Greening Partners on the Facebook. Over 160 posts have been issued in total.	No. of "Like" (Total): 269	No	1 Senior Executive Assistant on NCSC terms comparable to EO I	Not applicable
July 2014	Ceased updating	DEVB (WB)	"Our Favourite Old and Valuable Trees" Contest	Facebook	To promote the contest. 4 posts have been issued.	Number of "Likes": 32	No	1 Executive Assistant on NCSC terms comparable to EO II	Not applicable
April 2014	Updating as needed	Architectural Services Department	Facebook of 'Architour (築印)'	Facebook	For the promotion and sharing of the ArchSD mobile application 'Architour (築印)'	About 100 number of facebook friends	Yes	1 professional officer	Not applicable
July 2012	Keeps on updating	Electrical and Mechanical Services Department	EMSD Channel	YouTube	To disseminate publicity and educational videos to public and trade through internet. Uploaded videos: 11 (DEVB(W) related)	No. of video views: about 27 300	Yes	Task shared by different teams of staff and no dedicated staff solely responsible for the task	Not applicable
November 2012	Keeps on updating	Drainage Services Department	Relocation of Sha Tin Sewage Treatment Works to Caverns	Facebook	To disseminate information of the project and the public engagement activities.  One time of major update has been made.	Number of "Like": 169 (up to 13 March 2015).	No	Not applicable	Included in the lump sum consultancy fee.
August 2011	Keeps on updating	Civil Engineering and Development Department (CEDD)	Geotechnical Engineering Office CEDD	Facebook	To facilitate public education and promote awareness of slope safety.  43 posts issued.	Number of "Like": 321	No	One Senior Geotechnical Engineer	Not applicable

August 2011	Keeps on updating	CEDD	Geotechnical Engineering Office CEDD	YouTube	To facilitate public education and promote awareness of slope safety.  30 videos uploaded.	Number of views (total): 63 831	No	One Senior Geotechnical Engineer	Not applicable
December 2011	Keeps on updating	Construction Industry Council (CIC)	CIC Construction JobsNet's Facebook	Facebook	To promote the JobsNet and to provide information on construction worker recruitment activities.  Over 104 posts have been issued.	No. of "Likes": 371	Yes	1 officer under CIC	Not applicable
October 2011	Keeps on updating	Zero Carbon Building (ZCB), CIC	ZCB, CIC's Facebook	Facebook	To provide information on ZCB, CIC and its events.  Over 230 posts have been issued.	No. of "Likes": 2 923	Yes	1 officer under CIC	Not applicable
January 2010	Keeps on updating	CIC	CIC Training Courses and Trade Tests Facebook Page	Facebook	To provide information on new construction training courses, photo gallery, roving exhibition and recruitment day etc.  Over 608 posts have been issued.	No. of "Likes": 757	Yes	1 officer under CIC	Not applicable
August 2013	Keeps on updating	CIC	CIC Channel	YouTube	To post promotion videos of CIC.  13 videos have been uploaded.	No. of video views (total): 6 336	Yes	1 officer under CIC	Not applicable

May 2012	Keeps on updating	CIC	CIC's Facebook	Facebook	To provide information on CIC's major events, updates and photo gallery.  Over 271 posts have been issued.	No. of "Likes": 4 272	Yes	1 officer under CIC	Not applicable
May 2012	Keeps on updating	CIC	CIC's Twitter	Twitter	To post top stories of CIC.  Over 271 tweets have been issued.	No. of subscribers: 36	Yes	1 officer under CIC	Not applicable
September 2013	Keeps on updating	CIC	CIC's Instagram	Instagram	To provide CIC's photos.  Over 23 posts had been issued.	No. of "Likes": 41	Yes	1 officer under CIC	Not applicable
January 2014	Keeps on updating	CIC	CIC's LinkedIn	LinkedIn	To provide information on CIC's major events, updates to provide information on job recruitment.  3 posts had been issued.	No. of "Likes": 507	Yes	3 staff under CIC	Not applicable
February 2012	Keeps on updating	CIC	CIC Construction Industry Resource Centre's (CIRC) Facebook	Facebook	To promote the CIRC.  Over 131 posts have been issued.	No. of "Likes": 974	Yes	1 officer under CIC	Not applicable

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)183**

**(Question Serial No. 4829)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Regarding the Bureau's expenditure on the procurement of computer software and hardware, will the Administration inform this Committee of the following:

- (a) Has the Government developed standardised internal guidelines on procurement for all departments setting out the criteria for procuring or renewing computer software and hardware? If yes, what are the details? Are government departments required to renew their computer software and hardware in a timely manner according to the guidelines?
- (b) Given that Microsoft, a computer software and hardware provider, will terminate support services for its Windows XP operating system, please provide information on the respective numbers of computers that are using (i) Microsoft Windows XP operating system; (ii) other operating systems launched before 2001 by Microsoft; (iii) other operating systems (please state the version) in government departments, the respective percentages of the numbers of computers of the above 3 types against the total number of computers in government departments. Do government departments have any plans to renew the outdated version of the above operating systems?
- (c) What are the expenditure and criteria for procuring different kinds of tablet computers by the Bureau? What are the models and work purposes of these tablet computers? Is there any confidential information stored in these tablet computers? If yes, what are the details? Are the tablet computers used by government departments installed with information security software? If yes, what is the expenditure involved?
- (d) What are the respective numbers and operating systems of off-line computer terminals of government departments? Are there standardised requirements for information

security or anti-virus software used by government departments? If yes, what are the version numbers of software used? If no, what are the respective version numbers of software used?

Asked by: Hon MOK Charles Peter (Member Question No. 121)

Reply:

(a) According to current guidelines of the Administration, the Works Branch of the Development Bureau prepares an annual Departmental Information Technology (IT) Project Portfolio and Departmental IT Plan for the rolling next three years in order to ensure that IT projects cope with our business and operational needs. In considering the upgrading of IT systems, we review and assess the potential risks, including products compatibility, maintenance and support, subsequent product replacement and market supply, etc. and arrange for procurement based on their importance and priority in consideration with other IT projects.

(b) The Works Branch has already upgraded the operating platforms of all 350 computers to Microsoft Windows 7. The computers are installed with security tools and connected with our network with a full range of security devices, which provide protection of our computers against information security risks.

(c) In the financial year 2014-15, the expenditure for procurement of tablet computers is about \$170,000. The models currently used by the Works Branch are iPad and iPad mini. Provision of tablet computers to users is on an operational basis. Users make use of tablet computers mainly for emails, except classified emails, using their official email accounts; reading meeting documents, access to Internet, etc. There is no confidential information stored on tablet computers in accordance with the Security Policy. Whilst there is no information security software installed in tablet computers, all of them are protected by password and auto-screen lock. Besides, all information in tablet computers will be completely wiped out if wrong passwords are entered continuously. Moreover, anti-virus system and anti-spam system are installed in the backend email servers which can guard against virus in the emails communicated through tablet computers.

(d) The Works Branch has around 120 laptop computers for remote connection to the email system. The laptop computers are running on the standard software of operating system of Microsoft Windows 7 and Virtual Private Network connection software of Juniper Network Connect 8.0 R6, protected by the Symantec Endpoint Protection version 12.1 anti-virus software.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)184****(Question Serial No. 3353)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C K HON)

Director of Bureau: Secretary for Development

Question:

Under Matters Requiring Special Attention in 2015–16, the branch says it will continue to closely monitor the delivery of the Public Works Programme to ensure timely completion of projects and keep its underspending, if any, to below five per cent. In this connection, will the Administration inform this Committee its performance in timely completion of public works projects and keeping its underspending to below five per cent in tabular form below?

Financial year	Number of public works projects completed on schedule (number of projects behind schedule)	Amount of underspending and (%)
2010/11		
2011/12		
2012/13		
2013/14		
2014/15		

Asked by: Hon. Abraham SHEK Lai-him (Member Question No. 56)

Reply:

For the public works projects with works substantially completed in the past five financial years, a summary on the comparison between actual completion dates and scheduled completion dates specified in the Public Works Subcommittee (PWSC) submissions is shown in the table below -

Financial year	Number of public works projects completed by the completion date specified in PWSC submission	Number of public works projects completed after the completion date specified in PWSC submission
2010-11	31	28
2011-12	16	35
2012-13	21	44
2013-14	13	31
2014-15	16	27

For the public works projects with account finalised in the past five financial years, the details of unspent provisions are shown in the table below -

Financial year	Amount of unspent provisions (\$ million)	Percentage of unspent provisions (%)
2010-11	4,447	11
2011-12	2,781	21
2012-13	2,331	14
2013-14	2,549	18
2014-15	1,400	11

--End--

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)185**

**(Question Serial No. 3766)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to promote the construction and related professional services and to pursue further market access in the Mainland with focus on extending the existing scope of the professional services and effective implementation of pilot schemes for construction and related engineering professionals to register to practise and set up enterprises in the Guangdong Province including its key development areas. In this connection, will the Government inform this Committee of -

1. the results of the work to pursue market access in the Mainland and the expenditure involved in 2014-15; and
2. the specific work programme and estimated expenditure in 2015-16.

Asked by: Hon TIEN Pei-chun, James (Member Question No. 68)

Reply:

1. Under the Mainland and Hong Kong Closer Economic Partnership Arrangement (CEPA), the Development Bureau collaborates closely with the Mainland authorities to promote the construction and related professional services and to pursue further market access in the Mainland. Through the Agreement between the Mainland and Hong Kong on Achieving Basic Liberalization of Trade in Services in Guangdong (the Agreement) under the framework of CEPA signed on 18 December 2014, the Mainland has opened up 11 sub-sectors of construction and related engineering services in Guangdong to participation by Hong Kong enterprises and professionals by way of a negative list, i.e. the offering of national treatment unless otherwise specified in the Agreement. In November 2014, we also co-organised a Mainland-Hong Kong



construction industry forum in Nanning to promote professional exchange among industry stakeholders with very positive feedback from participants.

Through collaboration with the Ministry of Commerce, we opened up opportunities for Hong Kong professional firms to take up supervision work on a pilot basis for two Mainland foreign aid construction projects in Cambodia and Nepal. The two contracts were successfully awarded to Hong Kong firms in early 2015.

Since the Cooperation Agreement with the Qianhai Authority signed in 2013, we have kept further close collaboration with Qianhai Authority on implementation of the framework for Hong Kong professionals and enterprises in the construction and engineering sectors to participate in Qianhai development and provide a full range of services including engineering design, project management and works supervision services. The expenditure involved, including staff costs, in 2014-15 is \$2.7 million.

2. In 2015-16, we will continue to pursue more liberalisation measures for the construction and related engineering services, such as, mutual recognition of professional qualifications for more professional disciplines, including electrical engineer and building services engineer. We will continue to collaborate closely with the Qianhai Authority with a view to exploring the possibility of direct provision of professional services by the Hong Kong's related professionals and enterprises in Qianhai. The expenditure involved is estimated to be \$2.7 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)186**

**(Question Serial No. 3767)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to work in conjunction with other bureaux to facilitate the implementation of the remaining post-quake reconstruction support work in Sichuan. In this connection, will the Administration inform this Committee of -

1. the results of the reconstruction support work and the expenditure involved in 2014-15; and
2. the work plan, manpower involved and estimated expenditure for 2015-16?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 69)

Reply:

1. The Legislative Council approved the injection of a total of \$9 billion into the Trust Fund in Support of Reconstruction in the Sichuan Earthquake Stricken Areas of the Hong Kong Special Administrative Region (HKSAR) on three separate occasions in July 2008, February 2009 and July 2009 to support a total of 183 reconstruction projects. The HKSAR Government is responsible for 151 of these projects, while non-governmental organisations are responsible for the remaining 32. The government projects comprise five categories, namely transport infrastructure, education, social welfare/rehabilitation, medical and health as well as reconstruction in the Wolong Natural Reserve (Wolong). The Development Bureau (DEVB) is responsible for liaising with the Sichuan authorities, taking forward two transport infrastructure projects and 23 projects in Wolong, as well as providing technical support services for other relevant bureaux.

As at March this year, except for the two highway projects (Provincial Road 303 and Mianmao Road) which have not been completed due to natural disasters, all the other projects have been completed and commenced operation. Regarding DEVB's work in support of reconstruction in 2014-15, for projects under construction, DEVB mainly monitored the works' progress, quality and use of fund. For completed projects, DEVB mainly monitored the acceptance of works projects upon completion and their implementation, including the operation and management of facilities, as well as the financial accounts and auditing of projects. As at February this year, DEVB's expenditure on its work in support of reconstruction\* was around \$6.2 million in 2014-15.

2. In 2015-16, DEVB will continue to monitor the implementation of the two projects of Provincial Road 303 and Mianmao Road, and urge the Sichuan side to complete the remaining works as soon as possible while ensuring their quality and safety. Meanwhile, DEVB will also enhance its liaison with the Sichuan authorities to complete the acceptance process for all completed projects at an early date, and follow up on the continuous co-operation between Sichuan and Hong Kong. In 2015-16, DEVB will have to retain four posts for its work in support of reconstruction and its estimated expenditure\* is around \$5.6 million.

(\*Including salaries, engagement of "independent professional consultants" to conduct technical audits, sending engineering professionals of DEVB to Sichuan to co-ordinate and monitor the implementation of projects, as well as the organisation of activities related to the reconstruction work.)

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)187**

**(Question Serial No. 3768)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue the preparatory work for introducing a new legislation to enhance payment practice in the construction industry. Will the Administration consult the industry in this regard? What are the proposed payment practice, implementation date and estimated expenditure?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 70)

Reply:

We set up a Working Group on Security of Payment Legislation for the Construction Industry consisting of representatives from the key stakeholders of the industry in October 2012. The Working Group has reached consensus on the draft framework of the proposed legislation. It aims to ensure that contractors, consultants, subcontractors and suppliers along the supply chain of the construction industry will receive payment on time for the works and services carried out. It also proposes a speedy resolution of disputes by adjudication.

We plan to conduct public consultation including for the construction industry on the proposed legislation in the second quarter of 2015 and introduce the Bill to the Legislative Council in 2017-18. The estimated expenditure on the proposed consultation in 2015-16 is \$2 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)188**

**(Question Serial No. 4317)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

In 2015-16, the Works Branch will continue to review the public works procurement system and oversee the implementation of the enhancement measures. In this connection, will the Administration inform this Committee of the following -

1. Were there any reviews of the existing public works procurement system in the past? If yes, please briefly state the results of the reviews.
2. When will the current review be completed and the results announced?
3. What are the manpower and estimated expenditure involved in the review?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 88)

Reply:

- 1.&2. Review of public works procurement system is an on-going process to update the existing procedures to tie in with the changing market conditions. We have been looking for opportunities to attract more contractors and consultants to participate in the public works construction market thereby bringing in new expertise, building up the industry capacity and capability, encouraging innovation and creativity, and ensuring market competition for a quality and cost effective delivery of government infrastructure projects.

For example, in end 2013, we updated the rules for admission and management of the List of Approved Contractors for Public Works. Under the revised rules, we

raised the tender limits for various groups of listed contractors to help enhance the tendering opportunity for medium to small sized contractors. The revised rules also facilitate probationary contractors with relevant experience to seek a confirmed status on the list. In addition, we have also implemented measures to enhance site safety performance, constructability of works and construction productivity, and to encourage innovation and creativity in the design and construction of projects in 2014. These revised rules and updated guidelines have already been incorporated into the Contractor Management Handbook or promulgated via technical circulars which are accessible by the public on the website of the Development Bureau.

3. The review is carried out by inhouse staff. The resources involved constitute part of the operating expenses of the Works Branch.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)189**

**(Question Serial No. 3733)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the work to spearhead the Kai Tak Development (KTD), please inform this Committee of the following based on the actual estimates for 2011-12, 2012-13 and 2013-14, the revised estimate for 2014-15 and the estimate for 2015-16:

- (1) The detailed design of the KTD, the original expected and actual dates of completion, progress and related expenditure; and
- (2) The reasons why a number of sites are still vacant even over 10 years have lapsed since the relocation of the airport in Kai Tak.

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. 67)

Reply:

- (1) KTD projects are being implemented according to the approved Kai Tak Outline Zoning Plan ("OZP") No. S/K22/4 in phases with reference to their priorities and readiness to proceed. Following the completion of the stage 3 public engagement, KTD was planned to be completed in three phases with overall completion in 2021. We now aim to complete the majority of the KTD projects broadly in line with the programme.

Major KTD projects that have been substantially completed include –

<b>PWP Item</b>	<b>Project Title</b>
172BF	Construction of fire station-cum-ambulance facility at Cheung Yip Street, Kowloon Bay

<b>PWP Item</b>	<b>Project Title</b>
443RO	Runway Park at Kai Tak, Kowloon City District – Phase 1
439RO	Kwun Tong promenade (stage 2)
7GA	Cruise terminal building and ancillary facilities for the Kai Tak cruise terminal development
736CL	Site formation for Kai Tak cruise terminal development
739CL	Kai Tak development – stage 1 infrastructure works at north apron area of Kai Tak Airport
741CL	Kai Tak development – stage 1 advance infrastructure works for developments at the southern part of the former runway
745CL	Kai Tak development – Kai Tak approach channel and Kwun Tong typhoon shelter improvement works (Phase 1)
749CL	Kai Tak development – re-provisioning of radar on top of the cruise terminal building
45CG (part)	District Cooling System at the Kai Tak Development – Phases I & II

Major KTD projects under construction include –

<b>PWP Item</b>	<b>Project Title</b>
109KA	Construction of Trade and Industry Tower in Kai Tak Development Area
167CD	Kai Tak development – reconstruction and upgrading of Kai Tak Nullah
349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development, Kowloon
350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development, Kowloon
746CL	Kai Tak development – stage 2 infrastructure at north apron area of Kai Tak Airport
761CL	Kai Tak Development – stages 3A and 4 infrastructure at north apron area of Kai Tak Airport
76MM	Hong Kong Children’s Hospital (formerly known as Establishment of the Centre of Excellence in Paediatrics)
61TR (part)	Shatin to Central Link – construction of railway works – remaining works
45CG (part)	District Cooling System at the Kai Tak Development – Phase III (Package A)

Since 2009, we have obtained funding approval from the Finance Committee for implementation of public works projects relating to KTD with an aggregate Approved Project Estimate of about \$40 billion. The remaining projects in KTD are under active planning and design.

- (2) KTD, spanning a total planning area of over 320 hectares, is a mega-sized and highly complex development project in the urban area. We completed a comprehensive feasibility study in 1998 arriving at a development scheme with reclamation. Following the ruling given by the Court of Final Appeal in January 2004 on the legal



principle regarding reclamation in the harbour, we commissioned the Kai Tak Planning Review study with the proposal of no reclamation. After three stages of public engagement, a revised development scheme of KTD with a mix of community, housing, business, tourism and infrastructural uses was incorporated into the Kai Tak OZP, which was approved by the Chief Executive in Council in 2007 and subsequently amended in 2012. Given the scale and complexity of KTD, the projects are being implemented in phases. Much of the land in KTD is already in use or planned for construction of essential infrastructure works, including the Shatin-to-Central Link, to tie in with the development programme of KTD.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)190**

**(Question Serial No. 3741)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The provision for the Works Branch in 2015-16 will be used to oversee the strategic studies for artificial islands in the central waters, and the Chief Executive stated in paragraph 100 of the Policy Address that the Government is “looking into the development of artificial islands in the eastern waters off Lantau, including the provision of ancillary transport infrastructure to link up to the western part of the New Territories and Hong Kong Island.” In this connection, will the Government inform this Committee of the following:

- a) As regards the transport infrastructure now under consideration by the Government, what does it comprise?
- b) As the strategic studies for artificial islands in the central waters had to be withdrawn in the Public Works Subcommittee (PWSC) on 26 November 2014, when does the Government plan to seek Members’ support again in the PWSC?
- c) Will the ancillary transport infrastructure now under consideration be included in the project papers to seek Members’ support again in the PWSC?

Asked by: Hon TIEN Puk-sun, Michael (Member Question No. 43)

Reply:

We will look into the need for appropriate transport infrastructure to link up the proposed East Lantau Metropolis to the western part of the New Territories and also to Hong Kong Island, including road and/or railway connections. Taking account of the urgency of other works projects, we withdrew from the PWSC the item for funding approval for conducting strategic studies for establishing artificial islands in the central waters on 26 November 2014. We are still looking for an appropriate time to re-introduce the funding application

to the Legislative Council without causing delay to other more urgent projects. The study of transport infrastructure is already included as part of the strategic studies.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)191**

**(Question Serial No. 3463)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Development Bureau oversees the investigation and detailed design of the relocation of Sha Tin Sewage Treatment Works (STSTW) to caverns, as well as the study on long-term strategy for cavern development in Hong Kong. Will the Administration inform this Committee of the following:

- A: Will the Administration publicise the findings of the investigation and feasibility study regarding the STSTW? If yes, what are the manpower and expenditure involved? When will they be carried out? If no, what are the reasons?
- B: Has the Administration studied the land use in connection with the relocation of the STSTW to caverns? If yes, what are the manpower and expenditure involved? If no, what are the reasons?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 88)

Reply:

- A. During the feasibility study of the relocation of Sha Tin sewage treatment works to caverns project, we carried out preliminary impact assessments on various aspects including environment, traffic, geology, blasting, etc. We subsequently disseminated the outcome to the public in the second-stage public engagement conducted in 2013 and also through the webpage of the Drainage Services Department (DSD). We will continue to communicate with the local residents, the Sha Tin District Council and other stakeholders to keep them informed of the latest project information and consult them on further technical and impact assessments at an appropriate time. There is no

dedicated manpower or budget for the public communication work which forms an integral part of the consultancy services and the work of DSD's project team.

- B. The results of a preliminary planning review during the feasibility study of the project indicated that the site to be vacated could be used for residential development, commercial developments, and/or community facilities. Detailed planning of the land use of the site of the existing Sha Tin sewage treatment works will be conducted at an appropriate time well before its vacation to take account of the latest needs of the community.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)192**

**(Question Serial No. 4598)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (3) Greening, Landscape and Tree Management

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

The Administration states that it will build up the tree management capacity of the tree management departments through training and research. In this connection, please advise this Committee of the number of staff in the relevant departments who have acquired internationally recognised professional tree management qualifications; details of the respective professional qualifications; details of the relevant research projects completed in the past 2 years and the ongoing research projects, as well as the current situation regarding the application of research results; and whether the establishment will be expanded and the estimated expenditure for research and training be increased in 2015-16?

Asked by: Hon WONG Kwok-hing (Member Question No. 111)

Reply:

As at 31 December 2014, 260 departmental staff possessed professional qualifications on tree management such as Certified Arborist awarded by the International Society of Arboriculture (ISA), Tree Risk Assessment Qualification awarded by ISA, Certificate in Professional Tree Inspection awarded by Lantra Awards, U.K. and Technician Member of Arboriculture Association (U.K.).

Research studies undertaken or completed by the Tree Management Office (TMO) in the last two financial years are as follows -

Title of study	Status	Progress / Research results
Occurrence and distribution of common wood decay fungi on trees of Hong Kong	Completed in March 2014	The information about wood decay fungi is used for the management of fungal disease. The results have been shared with

		government departments and the industry.
Wood strength assessment of common tree species in Hong Kong	Completed in March 2014	The wood strength data is applied in reviewing tree risk assessment and management arrangement. The results have been shared with government departments and the industry.
Field and in vitro evaluation of <i>Trichoderma</i> species as a biological control agent against <i>Phellinus noxius</i> infected trees in Hong Kong	On-going	Field application of the locally isolated <i>Trichoderma</i> species on trees is being undertaken and the health conditions are being monitored.
Field trial on the feasibility of using <i>Trichoderma</i> species to rehabilitate locations contaminated with <i>Phellinus noxius</i> causing brown root rot disease on tree.	On-going	Study is in progress.

The budget for manpower training for government staff and research studies undertaken by TMO of the Development Bureau in 2015-16 is about \$2 million and \$1.5 million respectively, which are similar to those in 2014-15. There is no plan to expand the establishment of TMO in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)193**

**(Question Serial No. 3572)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (2) Heritage Conservation

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

According to the performance indicators in respect of heritage conservation provided by the Administration, the number of participants in promotional activities shows a downward trend. What is the number of activities related to heritage conservation organised in 2014-15? Will more promotional activities be organised in 2015-16 to enhance public knowledge of heritage conservation? If yes, what are the details of the related activities and the expenditures involved?

Asked by: Hon WONG Kwok-kin (Member Question No. 31)

Reply:

In 2014-15, the Commissioner for Heritage's Office (CHO) of the Development Bureau (DEVB) organised a variety of activities to enhance the public's awareness on heritage conservation and their appreciation of historic buildings. The promotional and educational activities organised with the event periods and venues for each activity during 2014-15 are tabulated below -

<b>Activities</b>	<b>Periods</b>	<b>Venues</b>
"New Life @ Heritage" roving exhibition	January to June 2014	An exhibition at the Hong Kong International Airport
Roving photo exhibitions on "TIMELESS archiCULTURE – UNESCO Asia-Pacific Awards for Cultural Heritage Conservation: 14 Award-winning Projects of Hong Kong"	June to December 2014	Exhibitions at nine venues: - Olympian City 2 - Hong Kong International Airport - International Finance Centre - Centre Star Ferry Piers



Activities	Periods	Venues
		<ul style="list-style-type: none"> <li>- Times Square</li> <li>- Hong Kong Heritage Discovery Centre</li> <li>- Citywalk</li> <li>- Hong Kong City Hall</li> <li>- Immigration Tower</li> </ul>
“Heritage Fiesta 2014” cum photo exhibition	October to November 2014	Open Days at 22 historic buildings (churches and temples) and exhibitions at two venues: <ul style="list-style-type: none"> <li>- Pacific Place</li> <li>- Hong Kong Heritage Discovery Centre</li> </ul>

In 2015-16, we will continue to organise promotional and educational activities for the public and schools, including roving exhibitions, open days and guided tours. We will work with the owners of private historic buildings who received subsidies from the Financial Assistance for Maintenance Scheme and arrange for exhibitions and open days of these historic buildings. We will also organise open days for certain art and cultural venues which are either graded historic buildings or declared monuments. The estimated budget is approximately \$4.73 million. Publicity channels will include advertisements on newspaper and magazines, government poster boxes, banners across the districts, press releases, newsletters and websites of CHO of DEVB and other supporting organisations.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)194**

**(Question Serial No. 3777)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

To explore the feasibility of developing Kowloon East into a “Smart City”, how will the Energizing Kowloon East Office promote the development of a “Smart City”? What are the specific details of the “Smart City”? How many projects are expected to be implemented this year?

Asked by: Hon WU Chi-wai (Member Question No. 52)

Reply:

Under the “Smart City” initiative, the Government will carry out a pilot study in Kowloon East to examine the feasibility of transforming the area into a sustainable core business district by (a) making use of smart data and technology, (b) creating a low carbon green community and (c) enhancing walkability and mobility. For example, we can disseminate information to the public and collect views in digital format; use technology to enhance pedestrian and vehicular accessibility; provide high-quality municipal management and public services; implement the district cooling system and other infrastructure; promote green building and urban greening etc. with a view to making the area a better place to live, work and play.

A consultancy study will be commissioned by late 2015. It aims to set directions and priorities for the implementation of the smart initiatives in Kowloon East. To draw on the state-of-the-art expertise in the market, the Information Technology Sector and/or research institutions would be engaged for the consultancy study. We would deploy internal staff resources to manage the consultancy study. Subject to the finalisation of the scope of the consultancy study, we would estimate the implementation programme and consultancy fee of the study.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)195**

**(Question Serial No. 3778)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (4) Energizing Kowloon East

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Regarding the traffic congestion in the business areas in Kowloon East as well as along Kwun Tong Road and Ngau Tau Kok Road, has the Energizing Kowloon East Office (EKEO) carried out any studies to alleviate the traffic congestion problem? Will the EKEO explore the feasibility of setting up a new bus-bus interchange in Kowloon East?

Asked by: Hon WU Chi-wai (Member Question No. 53)

Reply:

On the issue of traffic congestion in the business areas in Kowloon East, EKEO commissioned a consultancy study in February 2013 to formulate short, medium and long-term proposals to improve the pedestrian and traffic environment in the Kowloon Bay Business Area. The study is nearing completion and the recommended proposals are being progressively implemented. A similar consultancy study on the Kwun Tong Business Area, which covers Kwun Tong Road and Ngau Tau Kok Road, was commissioned in May 2014 for completion around mid-2016. Under the latter study, the feasibility and effectiveness of providing bus-bus interchange(s) will be explored with due regard to availability of land, site constraints and other relevant technical considerations. EKEO would also liaise with the Transport Department to review the bus operations in the area under the study.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)196****(Question Serial No. 3793)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What were the numbers and average ages of registered workers of the Construction Industry Council in the past 3 years? What were the numbers and average ages of persons who had become registered workers after completing relevant courses in the past 3 years? What measures were taken in 2014-15 to encourage young people to join the industry? What was the expenditure involved? What will be the relevant measures and expenditure involved in 2015-16?

Asked by: Hon WU Chi-wai (Member Question No. 88)

Reply:

According to the Construction Industry Council (CIC), the numbers and average ages of registered workers in the past three years are as follows :-

Numbers and Average Ages of Registered Workers (Approximate)

	As at end 2012	As at end 2013	As at end 2014
Number of registered workers	305 800	322 500	341 600
Average age	46	46	47

In the past three years, CIC has trained more than 10 000 semi-skilled workers. The trainees have become registered workers after graduation from relevant courses. The numbers and average ages of these graduates in the past three years are set out as follows –

Numbers and Average Ages of the CIC Graduates

	2012	2013	2014
Number of CIC Graduates	2 406	3 194	4 505
Average age	33	35	30

To cope with the manpower challenges, we have deployed a series of measures including obtaining a total of \$320 million from the Legislative Council in 2010 and 2012 to support CIC to strengthen its role in the training of local construction personnel and to enhance promotion and publicity activities to attract more people, especially for young people, to join the industry.

We have collaborated with CIC to launch the “Build Up Publicity Campaign” aiming to uplift the image of the industry since May 2011. Up to 2014-15, major initiatives included launching two series of RTHK TV drama on the construction industry, entitled “Dreams Come True”, launching the Build Up Ambassadors, displaying of selected trade and industry posters, organising roving exhibitions, outreaching to schools, arranging visits to the Construction Industry Resource Centre, etc. Under the Campaign, the expenditure funded by DEVB in 2014-15 is estimated to be about \$1.8 million and the allocated funding for promotion and publicity under the above-mentioned \$320 million has been used up. Nevertheless, CIC will continue to implement the promotion and publicity initiatives. CIC has budgeted about \$13 million in 2015-16 for various activities to encourage more young people to join the construction industry as well as enhance their retention in the industry. In addition, to attract more new blood to the industry, we have endeavored to improve the working conditions in construction sites. Various initiatives will continue to be taken to enhance the caring and safety culture in the industry, such as measures to improve site tidiness, promotion of workers’ health, measures to relieve heat stress for working in hot weather and enhanced welfare facilities, etc.

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)197</b>
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**(Question Serial No. 3794)**

Head: (159) Government Secretariat: Development Bureau  
(Works Branch)

Subhead (No. & title): Not specified

Programme: (5) Intra-Governmental Services

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What are the current numbers of construction workers in different trades of the industry? What are the average age and average retirement age of workers in each of these trades? What are the numbers of workers out of the total in the industry who are 20 to 30 years old, 30 to 40 years old, 40 to 50 years old and 50 to 60 years old? What measures will be taken by the Administration to encourage more young people to join the construction industry? What is the expenditure involved? What change is expected in the number of construction workers in the next 5 years?

Asked by: Hon WU Chi-wai (Member Question No. 89)

Reply:

According to the Construction Industry Council (CIC), there were about 342 000 registered construction workers as at end 2014 (versus about 225 000 registered workers in late 2007). The number of construction workers is increasing, and we hope that the increasing trend can be sustained in the coming five years. The numbers of registered skilled/semi-skilled workers in individual trades and general workers are available on CIC's website <http://cwr.hkcic.org/information/ctotal.asp>. The numbers and average ages for the ten trades with most registered skilled workers as at end 2014 were as follows -

Trades	Number of skilled/semi-skilled workers	Average age (Approximate)
Electrical fitter	26 422	49
General welder	6 176	54
Bar bender and fixer	4 483	48

Painter and decorator	4 440	48
Plant and Equipment Operator (Excavator)	4 409	51
Lift mechanic	3 918	47
Leveller	3 745	41
Plumber	3 648	49
Carpenter (Formwork - Building Construction)	3 614	52
Plasterer	2 439	54

At present, more than 10% of the registered construction workers are aged 60 or above. Albeit there is no specified retirement age for construction workers, most of them will probably retire in the coming ten years.

The age distribution of construction workers as at end 2014 is listed below –

Age group	Number of registered construction workers (Approximate)
20-29	45 800
30-39	60 500
40-49	82 800
50-59	103 600

To cope with the manpower challenges, we have deployed a series of measures including obtaining approval for a total of \$320 million from the Legislative Council in 2010 and 2012 to support CIC to strengthen its role in training local construction personnel and to enhance promotion and publicity activities to attract more people, especially for young people, to join the industry. The average age of the newly registered construction workers in 2014 was 38 (versus 47 for all registered construction workers in end 2014).

In 2015-16, CIC will continue to implement various promotion and publicity initiatives, such as launching the Build Up Ambassadors, displaying of selected trade and industry posters, organising roving exhibitions, outreaching to schools, arranging visits to the Construction Industry Resource Centre, etc. CIC has budgeted with about \$13 million in 2015-16 for various activities to encourage more young people to join the construction industry as well as enhance their retention in the industry. In addition, to attract more new blood to the industry, we have endeavored to improve the working conditions in construction sites. Various initiatives will continue to be taken to enhance the caring and safety culture in the industry, such as measures to improve site tidiness, promotion of workers' health, measures to relieve heat stress for working in hot weather and enhanced welfare facilities, etc.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)198**

**(Question Serial No. 3807)**

Head: (708) Capital Works Reserve Fund: Capital Subventions and Major Systems and Equipment

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

What is the progress of Subhead 8022QW “Revitalisation Scheme – Revitalisation of the Former Fanling Magistracy into The Hong Kong Federation of Youth Groups Institute of Leadership Development – pre-contract consultancy and minor investigation works”? In which area will the expenditure for 2015-16 be used? Will the entire works be completed by the scheduled date as stated when the estimate was approved?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 47)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

The pre-contract consultancy and minor investigation works for the revitalisation of the Former Fanling Magistracy are progressing well and are now at its final phase. Detailed survey and architectural design of the project have been completed. All the statutory approvals required for the project have also been acquired. Tender documents for the construction work are now being prepared.

The expenditure for 2015 -16 will cover the expenditure for the preparation and assessment of tenders, consultancy fees for monitoring the progress of works once works have commenced and payment to the appointed contractor for completed works, etc.

The target commencement and completion dates of the revitalisation project fall in the third quarter of 2015 and the third quarter of 2016 respectively.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)199**

**(Question Serial No. 3307)**

Head: Capital Works Reserve Fund Heads 703, 704, 705, 706, 707, 708, 709 and 711

Subhead (No. & title): Not specified

Programme: Not specified

Controlling Officer: Permanent Secretary for Development (Works) (C S WAI)

Director of Bureau: Secretary for Development

Question:

Please set out in terms of “man-years” the number of job opportunities for professional/technical staff and labourers provided in 2013-14 and 2014-15, as well as the estimated number for 2015-16 respectively under the Public Works Programme (Heads 703, 704, 705, 706, 707, 708 (Capital Subventions), 709 and 711).

Asked by: Hon LEE Cheuk-yan (Member Question No. 52)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

In 2013-14, the projects under Heads 703, 704, 705, 706, 707, 708 (Capital Subventions), 709 and 711 of the Capital Works Programme were estimated to have provided a total of 74 600 man-years (comprising 8 600 for professional/technical staff and 66 000 for labourers) of job opportunities.

In 2014-15 and 2015-16, job opportunities provided by the projects under these Heads of the Capital Works Programme are estimated to be 72 400 man-years (comprising 9 800 for professional/technical staff and 62 600 for labourers) and 76 500 man-years (comprising 10 100 for professional/technical staff and 66 400 for labourers) respectively.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)200**

**(Question Serial No. 4923)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (3) Facilities Development

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

According to this Programme, the Architectural Services Department is responsible for planning and implementing government facilities in Kai Tak, including hospitals, government offices, schools and recreational facilities. What are the details and progress of the relevant construction works? What are the scheduled dates of completion of the planned hospitals, government offices, schools and recreational facilities? What are the departments, manpower and expenditure involved?

Asked by: Hon CHAN Chi-chuen (Member Question No. 175)

Reply:

The details of the government facilities at Kai Tak Development projects under planning and construction by the Architectural Services Department are as follows -

Item	Project No.	Project title	Project Progress	Project Completion Date	2015-16 Estimated Expenditure (\$ million)	Bureau/ Department involved
1.	3109KA	Construction of Trade and Industry Tower in Kai Tak Development Area	Construction works in progress	Q2 2015	169.0	Government Property Agency
2.	3349EP	A 30-classroom primary school at Site 1A-3, Kai Tak Development	Construction works in progress	Q3 2015	58.2	Education Bureau

3.	3350EP	A 30-classroom primary school at Site 1A-4, Kai Tak Development	Construction works in progress	Q3 2015	67.8	Education Bureau
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Item	Project No.	Project title	Project Progress	Project Completion Date	2015-16 Estimated Expenditure (\$ million)	Bureau/ Department involved
4.	8076MM	Hong Kong Children's Hospital at Kai Tak (formerly known as Establishment of the Centre of Excellence in Paediatrics)	Construction works in progress	Q2 2017	1,488.0	Food and Health Bureau
5.	3237LP	Kowloon East Police Regional Headquarters and Operational Base-cum-Ngau Tau Kok Divisional Police Station	Review in progress	Under review	Under review	Hong Kong Police Force

Existing staff are deployed on the above projects and there is no separate breakdown of manpower involved.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)201****(Question Serial No. 3394)**Head: (25) Architectural Services DepartmentSubhead (No. & title): (000) Operational expensesProgramme: Not specifiedControlling Officer: Director of Architectural Services (K K LEUNG)Director of Bureau: Secretary for DevelopmentQuestion:

On engagement of "outsourced workers", please provide the following information:

	<b>2014-15/2015-16 (the latest position)</b>
Number of outsourced service contracts	( )
Total expenditure for outsourced service providers	( )
Duration of service for each outsourced service provider	( )
Number of workers engaged through outsourced service providers	( )
Details of the positions held by outsourced workers (e.g. customer service, property management, security, cleansing and information technology)	
Monthly salary range of outsourced workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of outsourced workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Percentage of outsourced workers against the total staff in the department	( )

	<b>2014-15/2015-16 (the latest position)</b>
Percentage of expenditure for outsourced service providers against the total staff costs in the department	( )
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 39)

Reply:

The Architectural Services Department outsources office cleansing and security, customer services, property management and information technology to service providers. Since the figures for 2015-16 are not available, information as at 31.12.2014 is provided below.

**(a) Number of outsourced service contracts**

2014-15 (as at 31.12.2014)
3 (-25%)

**(b) Total expenditure for outsourced service providers**

2014-15 (up to 31.12.2014) (\$ million)
21.72 (-1.23%)

(c) **Duration of outsourced service contracts**

<b>Duration of service</b>	2014-15 (as at 31.12.2014)	
	<b>Number of contracts</b>	
6 months or less	0	( - )
Over 6 months to 1 year	0	( - )
Over 1 year to 2 years	3	(-25%)
Over 2 years	0	( - )
<b>Total:</b>	<b>3</b>	<b>(-25%)</b>

(d) **Total number of workers engaged through outsourced service providers**

2014-15 (as at 31.12.2014)
55 (-5.2%)

(e) **Number of outsourced workers against their work nature**

<b>Nature of service contracts</b>	2014-15 (as at 31.12.2014)	
	<b>Number of workers</b>	
Customer services	4	(0%)
Property management	1	(0%)
Security	10	(0%)
Cleansing	7	(-12.5%)
Information technology	33	(-5.7%)
<b>Total:</b>	<b>55</b>	<b>(-5.2%)</b>

(f) **Salaries of outsourced workers**

After the implementation of the Statutory Minimum Wage (SMW) on 1 May 2011, for service contracts on security and cleansing, the contractors were required to pay workers wages not lower than the prevailing SMW.



For other service contracts, we specify and require only the service to be provided. We do not have information about the salaries of the workers employed by the contractors.

**(g) Length of service of outsourced workers**

The mode of using outsourced workers is that government departments and the contractor enter into a service contract under which the contractor will supply manpower as and when required. As long as the requirements of government departments (in terms of the number of outsourced workers and the qualifications and/or experience required from outsourced workers) are satisfied, the contractor may arrange any of their employees to work in the departments or arrange replacement outsourced workers during the contract period for different reasons. Therefore, we do not have information on the years of service of outsourced workers who are employees of the contractors and are at the disposal of the latter.

**(h) Percentage of outsourced workers against the total staff in the Department**

2014-15 (as at 31.12.2014)
3.1%

**(i) Percentage of expenditure for outsourced service providers against the total staff costs in the Department**

2014-15 (up to 31.12.2014)
2.9%

**(j) Severance payment / long service payment / contract gratuity paid to outsourced workers**

The department entered into contracts with the outsourced contractors for provision of services as required by the department during the contract period. The contractual relationship of the outsourced workers is with the outsourced contractors which have to fulfill the obligations of employers under the relevant laws including the Employment Ordinance (Cap. 57) and Mandatory Provident Fund Schemes Ordinance (Cap. 485). We do not have information on the severance payment/ long service payment/ contract gratuity paid by the contractors to their workers.

**(k) Meal break for outsourced workers**

The outsourced workers are employed by the contractors, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

**(l) Number of outsourced workers against working days<sup>(Note 1)</sup>**

<b>Working days</b>	2014-15 (as at 31.12.2014)	
	<b>Number of workers</b>	
5 working days per week	0	(-100%)
6 working days per week	16	(0%)
Others <sup>(Note 2)</sup>	1	(0%)
<b>Total:</b>	<b>17</b>	<b>(-5.6%)</b>

Note 1: For workers of service contracts on security and cleansing only.

Note 2: The worker is only required to provide services once a week / month.

*Percentages in ( ) denote comparison with 2013-14 except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)202**

**(Question Serial No. 3395)**

Head: (25) Architectural Services Department

Subhead (No. & title): (000) Operational expenses

Programme: Not specified

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

On engagement of agency workers, please provide the following information:

	2014-15/2015-16 (the latest position)
Number of contracts with employment agencies	( )
Contract sum paid to each employment agency	( )
Duration of service for each employment agency	( )
Number of agency workers	( )
Details of the positions held by agency workers	
Monthly salary range of agency workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of agency workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Percentage of agency workers against the total staff in the department	( )

	2014-15/2015-16 (the latest position)
Percentage of expenditure for employment agencies against the total staff costs in the department	( )
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 40)

Reply:

The figures for 2015-16 are not available, and the Architectural Services Department has not procured any agency service in 2014-15.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)203**

**(Question Serial No. 3396)**

Head: (25) Architectural Services Department

Subhead (No. & title): (000) Operational expenses

Programme: Not specified

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

Regarding the employment of non-civil service contract (NCSC) staff, please provide the following information:

	2014-15/2015-16 (the latest position)
Number of NCSC staff	( )
Details of the positions held by NCSC staff	
Total expenditure on salaries for NCSC staff	( )
Monthly salary range of NCSC staff	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of NCSC staff	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Number of NCSC staff successfully appointed as civil servants	( )
Percentage of NCSC staff against the total staff in the department	( )
Percentage of staff costs for NCSC staff against the total staff costs in the department	( )

	2014-15/2015-16 (the latest position)
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF	( )
Number of NCSC staff with paid meal break	( )
Number of NCSC staff without paid meal break	( )
Number of NCSC staff working 5 days per week	( )
Number of NCSC staff working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 41)

Reply:

Since the figures for 2015-16 are not available, information on the employment of full-time non-civil service contract (NCSC) staff as at 31.12.2014 is provided below.

**(a) Number of NCSC staff against their job nature**

<b>Job nature</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
Professional	30 (+11.1%)
Technical & inspectorate	0 (0%)
General administration	11 (0%)
<b>Total:</b>	<b>41 (+7.9%)</b>

**(b) Total expenditure on salary of NCSC staff**

2014-15 (up to 31.12.2014) (\$ million)
19.76 (+51.9%)

(c) **Number of NCSC staff against their salaries and length of service**

Monthly salary	2014-15 (as at 31.12.2014)	
	Number of NCSC staff	
\$30,001 or above	40	(+29.0%)
\$16,001 to \$30,000	1	(-85.7%)
\$8,001 to \$16,000	0	( - )
\$6,501 to \$8,000	0	( - )
\$6,241 to \$6,500	0	( - )
\$6,240 or less	0	( - )
<b>Total:</b>	<b>41</b>	<b>(+7.9%)</b>

Length of services	2014-15 (as at 31.12.2014)	
	Number of NCSC staff	
15 years or above	0	( - )
10 years to less than 15 years	0	( - )
5 years to less than 10 years	0	( - )
3 years to less than 5 years	11	(+175.0%)
1 year to less than 3 years	10	(-44.4%)
Less than 1 year	20	(+25.0%)
<b>Total:</b>	<b>41</b>	<b>(+7.9%)</b>

(d) **Number of NCSC staff appointed as civil servant** <sup>(Note 1)</sup>

2014-15 (up to 31.12.2014)
8 (0%)

Note 1: Including information on NCSC staff appointed as civil servant within the Architectural Services Department (ArchSD) only. The said NCSC staff have joined the civil service through an open, fair and competitive process.

(e) **Percentage of NCSC staff against the total staff in the Department**

2014-15 (as at 31.12.2014)
2.3%

- (f) **Percentage of staff costs for NCSC staff against the total staff costs in the Department**

2014-15 (up to 31.12.2014)
2.6%

- (g) **Number of NCSC staff who received severance payment / long service payment / contract gratuity**

2014-15 (up to 31.12.2014)
23 (0%)

- (h) **Amount of severance payment / long service payment / contract gratuity paid**

2014-15 (up to 31.12.2014) (\$ million)
1.21 (+4.3%)

- (i) **Number of NCSC staff with severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

2014-15 (up to 31.12.2014)
0

- (j) **Amount of severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

2014-15 (up to 31.12.2014) (\$ million)
0



Note 2 :According to the Civil Service Bureau’s guidelines on employment of NCSC staff, the contract gratuity for NCSC staff, plus the government’s MPF contributions in respect of the NCSC staff, should not be more than 10% (for non-skilled jobs) or 15% (for skilled jobs) of the total basic salary drawn during the contract period. The government will not make reference to accrued benefit in calculating contract gratuity for NCSC staff.

**(k) Number of NCSC staff against meal break**

<b>Meal break</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
Paid meal break	41 (+7.9%)
Unpaid meal break	0 ( - )
<b>Total:</b>	<b>41 (+7.9%)</b>

**(l) Number of NCSC staff against working days**

<b>Working days</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
5 working days per week	41 (+7.9%)
6 working days per week	0 ( - )
<b>Total:</b>	<b>41 (+7.9%)</b>

*Percentages in ( ) denote comparison with 2013-14 except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)204**

**(Question Serial No. 4320)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

Please advise this Committee whether -

- (1) the Architectural Services Department (ArchSD) has given any advice on matters relating to the cost of and the construction waste generated from the erection of resident site staff offices for public works projects over the past three years? If yes, please provide the details.
- (2) ArchSD has planned to conduct a review on relevant issues in 2015-16? If yes, what will be the manpower and expenditure involved?

Asked by: Hon WU Chi-wai (Member Question No. 73)

Reply:

- (1) ArchSD has given the following advice on the construction costs and demolition waste generated from site offices of its contracts in 2012 and 2013 -

Year	Number of offices erected	Expenditure (\$ million)	Number of offices demolished	Approximate quantity waste (tones)
2012	12	17.0	11	35
2013	12	33.0	11	28

ArchSD has not given similar advice in 2014.

- (2) ArchSD will continue to follow the policies issued by the Development Bureau (DEVB) on adoption of green site offices in public works projects and will provide input to DEVB when review of the policies is conducted. The manpower and expenditure involved in providing advice on relevant issues will be absorbed within existing resources of ArchSD.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)205**

**(Question Serial No. 4321)**

Head: (25) Architectural Services Department

Subhead (No. & title): Not specified

Programme: (1) Monitoring and Advisory Services

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

Regarding the promotion of roof greening and vertical greening, as well as the enhancement of practices on greening, landscaping and tree management in government building works, please inform this Committee details of the measures taken by the Architectural Services Department under the Programme in the past three years, and the work expected to be carried out under the Programme in the coming 12 months.

Asked by: Hon WU Chi-wai (Member Question No. 74)

Reply:

It is the established practice of the Architectural Services Department (ArchSD) to include roof greening and vertical greening in its projects. ArchSD completed 50 roof greening projects, as well as 29 vertical greening projects, on government buildings in the past three years. In 2015-16, ArchSD will complete 19 roof greening projects and ten vertical greening projects on government buildings.

On the enhancement of practices on greening, landscaping and tree management, ArchSD has been working in accordance with the policy and guiding requirements from the Development Bureau and will continue to do so in 2015-16. On greening and landscaping, ArchSD will continue to maximise greenery coverage, including roof greening and vertical greening, in government building projects. On tree management, ArchSD will continue to carry out tree risk assessment for the trees under its maintenance jurisdiction and those within the construction sites of its new works projects.

As government's technical adviser, ArchSD has been promoting best practices to government departments and quasi-government organisations of subvention projects. Guidelines on planning and design of greening systems have been prepared and regularly reviewed. ArchSD has also been liaising closely with related professional institutes and organisations to enhance partnership and collaboration in promoting greening, landscaping and tree management in the industry. ArchSD will continue these ongoing initiatives in

2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)206**

**(Question Serial No. 7084)**

Head: (703) Capital Works Reserve Fund : Buildings

Subhead (No. & title): (3013GB) Liantang / Heung Yuen Wai boundary control point and associated works – construction of boundary control point buildings and associated facilities

Programme: Not Specified

Controlling Officer: Director of Architectural Services (K K LEUNG)

Director of Bureau: Secretary for Development

Question:

In respect of the immigration facilities required for the operation of the new control point at Liantang/Heung Yuen Wai, what are the operational expenses, staffing establishment and estimated full-year remuneration expenditure for the planning of the above facilities in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 130)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund does not form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are not relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

Consultants were employed in 2013 for the design and tender documentation of “Liantang / Heung Yuen Wai boundary control point and associated works – construction of boundary control point buildings and associated facilities”. The design and tender assessment for the project are completed. The consultancy is funded under **3020GB** “Liantang/Heung Yuen Wai Boundary Control Point and associated works – Boundary Control Point buildings and the associated facilities – pre-construction consultancy services” with a forecast expenditure of \$7 million in 2015-16.

Existing staff are deployed for project management functions. There is no dedicated staff deployed for implementing this project and we have no separate breakdown of staffing

establishment and remuneration expenditure for the planning of the above facilities in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)207**

**(Question Serial No. 6020)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (4) Slope Safety and Geotechnical Standards  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

- (1) What is the number of slopes, retaining walls and natural hillside respectively maintained by the Government departments? On district basis, what is the number of slopes, retaining walls and natural hillside respectively pending stabilisation works? Are there any warning signs of "KEEP CLEAR" erected at places near those works to remind the public keeping alert of their safety?
- (2) In the next financial year, what are the estimated expenditures on the maintenance of slopes, retaining walls and natural hillside owned by the Government?
- (3) On district basis, please list the number of trees felled and trees planted for compensation during the slope maintenance works carried out by the government in the previous financial year and the associated expenditures.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 346)

Reply:

- (1) The numbers of registered slopes and retaining walls maintained by the Government and the number of natural hillsides with known hazards and close to existing buildings and important transport corridors are shown in the Table 1.

**Table 1**

<b>Slopes</b>	<b>Retaining Walls</b>	<b>Natural Hillsides</b>
37 000	5 000	2 800



The numbers of registered government slopes, retaining walls and natural hillsides included in current / scheduled works contracts under the Landslip Prevention and Mitigation Programme (LPMitP) for implementation of the landslip prevention and mitigation works, are shown in Table 2 and Table 3 respectively. Warning signboards have been erected adjacent to those substandard features subject to landslip prevention and mitigation works to remind the public of the landslide risk.

**Table 2**

<b>Government Man-made Slopes and Retaining Walls included in Current/Scheduled Works Contracts under the LPMitP</b>		
<b>District</b>	<b>Number</b>	<b>Target Completion Date</b>
Central & Western	16	2015-16
	2	2016-17
Eastern	7	2015-16
	3	2016-17
Islands	12	2015-16
	8	2016-17
	5	2017-18
Kowloon City	2	2015-16
Kwai Tsing	6	2015-16
Kwun Tong	2	2015-16
	2	2017-18
North	7	2015-16
	1	2016-17
Sai Kung	11	2015-16
	3	2016-17
	1	2017-18
Sha Tin	21	2015-16
	1	2016-17
Sham Shui Po	1	2015-16
Southern	38	2015-16
	4	2016-17
Tai Po	8	2015-16
	1	2016-17
Tsuen Wan	5	2015-16
Tuen Mun	12	2015-16
Wan Chai	5	2015-16
	4	2016-17
Wong Tai Sin	1	2015-16
Yau Tsim Mong	2	2015-16
Yuen Long	3	2015-16
<b>Total</b>	<b>194</b>	

**Table 3**

<b>Natural Hillside included in Current/Scheduled Works Contracts under the LPMitP</b>		
<b>District</b>	<b>Number</b>	<b>Target Completion Date</b>
Central & Western	6	2015-16
	6	2016-17
Eastern	0	-
Islands	23	2015-16
	6	2016-17
	24	2017-18
Kowloon City	0	-
Kwai Tsing	0	-
Kwun Tong	0	-
North	6	2015-16
	8	2016-17
Sai Kung	4	2015-16
Sha Tin	1	2015-16
Sham Shui Po	0	-
Southern	11	2015-16
	14	2016-17
Tai Po	4	2015-16
Tsuen Wan	20	2015-16
Tuen Mun	7	2015-16
Wan Chai	5	2015-16
Wong Tai Sin	2	2016-17
Yau Tsim Mong	0	-
Yuen Long	0	-
<b>Total</b>	<b>147</b>	

(2) In 2015-16, the forecast expenditure for maintenance of government slopes and retaining walls and mitigation measures for natural hillsides is about \$900 million.

(3) Routine slope maintenance works comprising mainly clearance of debris from drainage channels and repair of cracked surface covers to upkeep man-made slopes in good condition are carried out by the respective slope maintenance departments. According to the information provided by them, no tree felling was required during the implementation of routine slope maintenance works in 2014-15.

The Civil Engineering and Development Department (CEDD) also carries out landslip prevention works for man-made slopes and mitigation works for natural hillsides under the LPMitP. The numbers of trees felled and new trees planted in connection with these works under the LPMitP in 2014-15 are shown in Table 4. As tree felling and planting is part of

the landslip prevention and mitigation works, we do not have separate breakdown for the expenditures for tree felling and planting.

**Table 4**

<b>Financial year</b>	<b>District</b>	<b>Number of trees felled<sup>Note</sup></b>	<b>Number of new trees planted</b>
2014-15 (up to end of February 2015)	Hong Kong Island	111	1 313
	Kowloon	7	0
	New Territories	235	1 500
	Outlying Islands	37	0
<b>Total</b>		<b>390</b>	<b>2 813</b>

Note: These trees were felled due to poor health condition or to facilitate landslip prevention and mitigation works. None of the trees felled are old and valuable trees.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)208**

**(Question Serial No. 6021)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not Specified  
Programme: (4) Slope Safety and Geotechnical Standards  
Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)  
Director of Bureau: Secretary for Development

Question:

- (1) In the past financial year, what was the quantity of slope improvements works completed by various District Council Areas by means of shotcrete, soil nail or other methods respectively? What was the average expenditure of each type of works?
- (2) How many slopes without immediate danger underwent improvement works by way of shotcrete last year? Of these slopes, how many slopes were provided with appearance mitigation measures (e.g. colour shotcrete, greening, etc.) following the completion of upgrading works? Please provide the relevant data and detailed expenditures by types of mitigation measures.
- (3) During the past year, did the Government receive from the public any comment or complaint on the slope appearance? Did the Government accordingly adopt any other appearance mitigation measures or enhance the greening work by other means? What are the related details and expenditures?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 347)

Reply:

(1) The Civil Engineering and Development Department (CEDD) carries out slope upgrading works under the Landslip Prevention and Mitigation Programme (LPMitP). In 2014-15, 154 man-made slopes were upgraded with 147 slopes by soil nails and seven slopes by other means such as fill re-compaction. Vegetation cover was provided to 105 of the slopes whereas shotcrete was applied to the other 49 slopes where the application of vegetation cover was not feasible, such as on steep or rocky slopes. For those slopes applied with shotcrete, planter holes were provided if practical and agreeable by the local residents.

The distribution of the 154 slopes upgraded in 2014-15 by districts is provided in the following table:

<b>Financial year</b>	<b>District</b>	<b>Number of Upgraded Slopes</b>
2014-2015	Hong Kong Island	46
	Kowloon	7
	New Territories	82
	Outlying Islands	19
<b>Total</b>		<b>154</b>

Note: Distribution by individual District Council areas is not readily available.

For slopes upgraded by soil nails, the average cost of soil nailing was about \$2.35 million per slope. For slopes that involved the use of shotcrete as the principal means of surface protection, the average cost of provision of shotcrete cover (including colour pigment and planter holes with plants) was about \$0.35 million per slope. For slopes provided with vegetation cover, the average cost of provision of vegetation cover was about \$0.1 million per slope.

(2) All the 154 man-made slopes upgraded under the LPMitP in 2014-15 were of safety concern although they had no immediate or obvious danger. For the 49 slopes applied with shotcrete, colour pigment was added to the shotcrete and planter holes were provided if practical and agreeable by the local residents. The total cost for provision of coloured shotcrete and planter holes for the slopes concerned was about \$17.2 million.

(3) We receive suggestions from the public on slope appearance from time to time. We welcome suggestions and will implement them when we carry out slope upgrading works so long as they are practicable, with no significant impact on slope stability and the programme of ongoing works, and are agreeable by the local residents. In the past year, suggestions implemented include adjusting the area of hard cover, selection of plant species, etc. The financial implications arising from these changes were comparatively minimal in the overall expenditure for the slope upgrading works.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)209**

**(Question Serial No. 6023)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

- (1) What is the respective relocation situation of the Cheuk Yuen Village indigenous and non-indigenous villagers affected by the Liantang/Heung Yuen Wai Boundary Crossing Point project?
- (2) How many indigenous villagers moved into the resite houses constructed by the government? Regarding the resite houses, has the Government allocated additional resources for the rectification of defects complained by the villagers, what are the details?
- (3) How many resite houses are still vacant now? What is the expenditure in maintaining these houses?

Asked by: Hon. CHAN Ka-lok, Kenneth (Member Question No. 349)

Reply:

- (1) All the villagers of Chuk Yuen Village have already moved out of their original houses voluntarily. The resumption of all houses has been completed.
- (2) There are altogether 14 resite houses built by the Government and all of them have been handed over to villagers. Other resite houses are built by villagers themselves. For the 14 government-built resite houses, the contractor is responsible for rectifying defects not in conformance with the contract specifications. The Government needs to pay no cost for those rectification works.
- (3) There are no Government-built resite houses not yet handed over to villagers.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)210**

**(Question Serial No. 3667)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

- (1) What are the operational expenses, staff establishment and the estimated full-year personal emoluments in 2015-16 under Programme (3)?
- (2) The Administration has indicated that there will be a net increase of 15 posts in 2015-16 under Programme (3). What are the titles, functions and the estimated full-year personal emoluments of the posts concerned?

Asked by: Hon CHAN Wai-yip, Albert (Member Question Number: 76)

Reply:

1. For Programme (3), the estimated financial provision in 2015-16 is \$463 million. The number of staff involved is 605 (as at 31 March 2016) and the estimated full-year personal emoluments are \$407.8 million.
2. The 15 posts concerned consist of 3 Senior Engineers, 7 Engineers/Assistant Engineers, 1 Senior Technical Officer (Civil), 2 Technical Officers/Technical Officer Trainees (Civil), 1 Executive Officer I and 1 Motor Driver. They will provide support mainly for land supply initiatives and proposals including associated infrastructures. The annual staff cost for the net increase of the 15 posts is \$10.2 million in terms of notional annual mid-point salary value.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)211**

**(Question Serial No. 7068)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (5) Greening and Technical Services  
Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)  
Director of Bureau: Secretary for Development

Question:

What is the current status of the project **5047CG** "Greening master plans for New Territories Southeast and Northwest – priority greening works"? What scope does the expenditure of the project in 2015-16 cover? Will the project be completed at the estimated completion date according to that stated in the PWSC paper?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 42)

Reply:

The project 5047CG "Greening master plans for New Territories Southeast and Northwest - priority greening works" commenced in December 2014. The expenditure of the project in 2015-16 will cover the greening works, consultants' fees and remuneration of resident site staff. We aim to complete the project by the estimated completion date of late 2017 as stated in the PWSC paper.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)212**

**(Question Serial No. 3387 )**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

Regarding the infrastructure at north apron area of Kai Tak Airport, can the Government advise this Committee:

What is the current latest progress of major road works at the above location? When will such roads be expected to be commissioned, so that the traffic on Prince Edward Road East can be diverted to them and that both vehicles and pedestrians can travel via To Kwa Wan Road directly to and from the former airport runway and towards Kwun Tong?

Asked by: Hon FUNG Kin Kee (Member Question No. 64)

Reply:

Infrastructure works at the former north apron area of Kai Tak Development (KTD) are being implemented in stages according to their priorities and readiness to proceed. Details of the related major road projects are given in the table below:

<b>Public Works Programme (PWP) Item No.</b>	<b>Project Title</b>	<b>Actual / Anticipated Completion Date</b>	<b>Major Roads to be Constructed</b>	<b>Remarks</b>
739CL	KTD - Stage 1 infrastructure works at north apron area of Kai Tak Airport	December 2013	Shing Kai Road, Muk Hung Street, Muk Chui Street, and Muk On Street	Works substantially completed

<b>Public Works Programme (PWP) Item No.</b>	<b>Project Title</b>	<b>Actual / Anticipated Completion Date</b>	<b>Major Roads to be Constructed</b>	<b>Remarks</b>
746CL	KTD - Stage 2 infrastructure at north apron area of Kai Tak Airport	October 2015	Muk On Street (extension) and Muk Ning Street	Works in progress
761CL	KTD - Stages 3A and 4 infrastructure at north apron area of Kai Tak Airport	June 2017	Concorde Road, vehicular underpass across Prince Edward Road East, and Road D2	Works in progress

The remaining stages of infrastructure works at the former north apron area are under active planning and design to dovetail with the development pace and growth of traffic demand.

Upon completion of Road D2 under PWP Item no. 761CL in mid-2017, the vehicular and pedestrian traffic from To Kwa Wan Road can access Kowloon Bay/Kwun Tong areas directly via Road D2 without the need to route through Prince Edward Road East. Road D2 will also be connected with the proposed Road D3 in the former runway. Upon completion of Road D3 (now targeted in 2021), traffic from To Kwa Wan Road can directly access the former runway via Road D2 and Road D3.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)213****(Question Serial No. 5370)**Head: (33) Civil Engineering and Development DepartmentSubhead (No. & title): Not specifiedProgramme: (3) Provision of Land and InfrastructureControlling Officer: Acting Director of Civil Engineering and Development (F M LUK)Director of Bureau: Secretary for DevelopmentQuestion:

Over the past 5 years, what was the amount paid by the Government for Liantang/Heung Yuen Wai (HYW) Boundary Control Point (BCP) and associated works? In 2015-16, what will be the estimated amount of payment for Liantang/HYW BCP and associated works?

Asked by: Hon KWOK Ka-ki (Member Question No. 190)Reply:

1. The expenditure of the Liantang / Heung Yuen Wai Boundary Control Point (LT/HYW BCP) project under all related Project Works Programme (PWP) items over the past five years, from April 2010 to March 2015, is given in Table 1 below.

<b>Table 1</b>		
<b>PWP Item No.</b>	<b>Project Title</b>	<b>Expenditure (\$ million)</b>
3020GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – Boundary Control Point buildings and the associated facilities – pre-construction consultancy services	127.0
5014GB	Liantang/Heung Yuen Wai Boundary Control Point and Associated Works – investigation and preliminary design	60.9
5016GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – village reprovisioning works	51.3
5017GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – detailed design and ground investigation	221.7

<b>PWP Item No.</b>	<b>Project Title</b>	<b>Expenditure (\$ million)</b>
5018GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – reprovisioning of boundary patrol road and associated security facilities.	233.8
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	2,101.9
5168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works – regulation of Shenzhen River stage IV	73.4
<b>Total :</b>		<b>2,870.0</b>

2. The forecast expenditure in 2015-16 for the LT/HYW BCP project under related PWP items is given in Table 2 below.

<b>Table 2</b>		
<b>PWP Item No.</b>	<b>Project Title</b>	<b>Estimate (\$ million)</b>
3013GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – construction of boundary control point buildings and associated facilities	212.0 (subject to approval of the funding application by the Finance Committee (FC) in LegCo Year 2014-15)
3020GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – Boundary Control Point buildings and the associated facilities – pre-construction consultancy services	7.0
5017GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – detailed design and ground investigation	5.1
5018GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – reprovisioning of boundary patrol road and associated security facilities.	40.0
5019GB	Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works	1,843.0 (out of which \$380 million is subject to approval of the increase in the Approved Project Estimate by the FC in LegCo Year 2014-15)

<b>PWP Item No.</b>	<b>Project Title</b>	<b>Estimate (\$ million)</b>
5168CD	Liantang/Heung Yuen Wai Boundary Control Point and associated works – regulation of Shenzhen River stage IV	60.0
<b>Total :</b>		<b>2,167.1</b> <b>(out of which \$592 million is subject to funding approval by the FC in LegCo Year 2014-15)</b>

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)214**

**(Question Serial No. 6128)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

Please give a detailed list of completed project items of Liantang/Heung Yuen Wai (HYW) Boundary Control Point (BCP) and associated works. If the overrun funding application of Liantang/HYW and other associated works cannot be approved, has the Government studied how to make use of those completed project items for other uses?

Asked by: Hon KWOK Ka-kee (Member Question No. 229)

Reply:

There are three works items completed so far for the Liantang / Heung Yuen Wai Boundary Control Point (BCP) project, as listed below -

- (i) Head 705, Sub-Head 5014GB  
Contract No. CV/2009/12 – Liantang / Heung Yuen Wai Boundary Control Point - Ground Investigation
- (ii) Head 705, Sub-Head 5016GB  
Contract No. CV/2009/14 – Resite for Chuk Yuen Village
- (iii) Head 705, Sub-Head 5017GB  
Contract No. CV/2011/03 – Liantang / Heung Yuen Wai Boundary Control Point - Ground Investigation for Site Formation and Infrastructure Works

Items (i) and (iii) above are ground investigation (GI) works. The results of these GI works have been used for the design of the infrastructure of the BCP project. Item (ii) above is for the construction of the Chuk Yuen resite village for the sole use of the Chuk Yuen villagers. There is no other alternative use of the above completed items.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)215**

**(Question Serial No. 6129)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)  
Director of Bureau: Secretary for Development

Question:

If the overrun funding application of Liantang/Heung Yuen Wai (HYW) and other associated works cannot be approved, will the Government hire consultant to study how to make use of those completed project items for other uses? If yes, what is the estimated amount in 2015-2016?

Asked by: Hon KWOK Ka-kee (Member Question No. 230)

Reply:

There are three completed items under the Liantang/ Heung Yuen Wai Boundary Control Point (BCP) project. Two of them are ground investigation works and their results have been used for the design of the BCP project. The remaining item is the construction of the Chuk Yuen resite village for the sole use of the Chuk Yuen villagers. There is no other alternative use of the completed items.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)216**

**(Question Serial No. 6130)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): Not specified

Programme: (3) Provision of Land and Infrastructure

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

If the overrun funding application of Liantang/Heung Yuen Wai (HYW) and other associated works cannot be approved, what is the amount of default compensation incurred?

Asked by: Hon KWOK Ka-ki (Member Question No. 231)

Reply:

We have awarded three works contracts with an aggregate contract value within the Approved Project Estimate (APE) under Sub-head 5019GB – Liantang/Heung Yuen Wai Boundary Control Point and associated works – site formation and infrastructure works. Award of the remaining contracts is subject to Finance Committee's approval of the increase in the APE of 5019GB. The current plan is to continue with the three awarded works contracts and there is thus no default compensation to be incurred.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)217**

**(Question Serial No. 3760)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Acting Director of Civil Engineering and Development  
(F M LUK)  
Director of Bureau: Secretary for Development

Question:

Regarding the study on improving the water quality at Kai Tak Approach Channel and Kwun Tong Typhoon Shelter, can the Government advise the present water quality at the above location, details of the work planned, targets, anticipated completion dates and estimated expenditure?

Asked by: Hon TIEN Pei-chun, James (Member Question No. 62)

Reply:

- (1) The first phase of improvement works (including dredging and bio-remediation treatment works) at Kai Tak Approach Channel (KTAC) and Kwun Tong Typhoon Shelter (KTTS) was substantially completed in 2014, with recent data indicating that the water quality at KTAC and KTTS has improved.
- (2) We are conducting a review under PWP item no. 738CL to explore alternative ways of implementing the remaining phase of the improvement works, in particular the option of 600-metre opening at the former runway as set out in the approved Environmental Impact Assessment Report for the Kai Tak Development. We aim to complete the review in 2015 for public consultation on the way forward. The estimated expenditure under PWP item no. 738CL in 2015-16 is about \$3.71 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)218**

**(Question Serial No. 3466)**

Head: (33) Civil Engineering and Development Department  
Subhead (No. & title): Not specified  
Programme: (3) Provision of Land and Infrastructure  
Controlling Officer: Director of Civil Engineering and Development (C K HON)  
Director of Bureau: Secretary for Development

Question:

According to Subhead 5751CL the planning and engineering study for reclamation at Sunny Bay:

The Government proposed five nearshore reclamation sites, including Lung Kwu Tan at Tuen Mun, Siu Ho Wan on North Lantau, Sunny Bay, Ma Liu Shui and southwest of Tsing Yi at the end of 2013. Can it advise:

1. Are there any feasibility assessment and environmental impact assessment conducted for the reclamation at Sunny Bay? If yes, what are the manpower and expenditure? If no, what are the reasons?
2. What is the expenditure for the planning and engineering study for the other four potential sites?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 91)

Reply:

1. The Civil Engineering and Development Department has completed the cumulative environmental impact assessment for the three potential reclamation sites in the western waters (viz. Sunny Bay, Lung Kwu Tan and Siu Ho Wan). At its meeting on 9 January 2015, the Public Works Subcommittee did not support the funding application for conducting the planning and engineering (P&E) study on Sunny Bay reclamation, which comprises feasibility assessment and environmental impact assessment. The estimated cost of the P&E study is about \$100 million in money-of-the-day prices. This Department will deploy two in-house professional staff to manage the study. We are now considering the way forward of the study.

2. The P&E study on Lung Kwu Tan reclamation is estimated to cost about \$78 million, while the estimated costs of the P&E studies for the other three potential reclamation sites are yet to be determined.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)219**

**(Question Serial No. 3400)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): (000) Operational Expenses

Programme: Not specified

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

On engagement of “outsourced workers”, please provide the following information:

	<b>2015-16 (the latest position)</b>
Number of outsourced service contracts	( )
Total expenditure for outsourced service providers	( )
Duration of service for each outsourced service provider	( )
Number of workers engaged through outsourced service providers	( )
Details of the positions held by outsourced workers (e.g. customer service, property management, security, cleansing and information technology)	
Monthly salary range of outsourced workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of outsourced workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )

	<b>2015-16 (the latest position)</b>
Percentage of outsourced workers against the total staff in the department	( )
Percentage of expenditure for outsourced service providers against the total staff costs in the department	( )
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 45)

Reply:

The Civil Engineering and Development Department uses a wide range of outsourced services, such as cleansing and security, information technology, etc. Since the latest figures for 2015-16 are not available, information as at 31.12.2014 is provided below.

**(a) Number of outsourced service contracts**

2014-15 (as at 31.12.2014)
68 (+19.3%)

**(b) Total expenditure for outsourced service contracts**

2014-15 (up to 31.12.2014) (\$million)
34.6 (+40.7%)

(c) **Duration of outsourced service contracts**

<b>Duration of service</b>	2014-15 (as at 31.12.2014)
	<b>Number of contracts</b>
6 months or less	4 (-20.0%)
Over 6 months to 1 year	31 (+10.7%)
Over 1 year to 2 years	24 (+60.0%)
Over 2 years	9 (0%)
<b>Total:</b>	68 (+19.3%)

(d) **Total number of workers engaged through outsourced service providers**

2014-15 (as at 31.12.2014)
198 (+15.1%)

(e) **Number of outsourced workers against their work nature**

<b>Nature of service contracts</b>	2014-15 (as at 31.12.2014)
	<b>Number of workers</b>
Cleansing	17 (+13.3%)
Security	83 (0%)
Information technology	16 (+700.0%)
Technical service	29 (+45.0%)
General administration support	49 (+11.4%)
Others (e.g. staff training)	4 (-50.0%)
<b>Total:</b>	198 (+15.1%)

(f) **Salaries of outsourced workers**

After the implementation of the Statutory Minimum Wage (SMW) on 1 May 2011, for service contracts on security and cleansing, the contractors have been required to pay workers wages not lower than the prevailing SMW.

For other service contracts, we specify and require only the service to be provided. We do not have information about the salaries of the workers employed by the contractors.

**(g) Length of service of outsourced workers**

The mode of using outsourced workers is that government departments and the contractor enter into a service contract under which the contractor will supply manpower as and when required. As long as the requirements of the government departments (in terms of the number of outsourced workers and the qualifications and/or experience required from outsourced workers) are satisfied, the contractor may arrange any of their employees to work in the department or arrange replacement outsourced workers during the contract period for different reasons. Therefore, we do not have information on the years of service of outsourced workers who are employees of the contractors and are at the disposal of the latter.

**(h) Percentage of outsourced workers against the total staff in the Department**

2014-15 (as at 31.12.2014)
10.7%

**(i) Percentage of expenditure of outsourced service providers against the total staff costs in the Department**

2014-15 (up to 31.12.2014)
4.4%

**(j) Severance payment / long service payment / contract gratuity paid to outsourced workers**

The department entered into contracts with the outsourced contractors for provision of services as required by the department during the contract period. The contractual relationship of the outsourced workers is with the outsourced contractors which have to fulfil the obligations of employers under the relevant laws including the Employment Ordinance (Cap. 57) and Mandatory Provident Fund Schemes Ordinance (Cap. 485). We do not have information on the severance payment/ long service payment/ contract gratuity paid by the contractors to their workers.

**(k) Meal break for outsourced workers**

The outsourced workers are employed by the outsourced contractors, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.



(I) **Number of outsourced workers against working days**<sup>(Note)</sup>

<b>Working days</b>	<b>2014-15</b> <b>(as at 31.12.2014)</b>	
	<b>Number of workers</b>	
5 working days per week	1	(-50.0%)
6 working days per week	99	(+3.1%)
<b>Total:</b>	100	(+2.0%)

Note: For workers of service contracts on security and cleansing only

*Percentages in ( ) denote comparison with 2013-14 except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)220**

**(Question Serial No. 3401)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): (000) Operational Expenses

Programme: Not specified

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

On engagement of agency workers, please provide the following information:

	2015-16 (the latest position)
Number of contracts with employment agencies	( )
Contract sum paid to each employment agency	( )
Duration of service for each employment agency	( )
Number of agency workers	( )
Details of the positions held by agency workers	
Monthly salary range of agency workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of agency workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )

	2015-16 (the latest position)
Percentage of agency workers against the total staff in the department	( )
Percentage of expenditure for employment agencies against the total staff costs in the department	( )
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 46)

Reply:

Since the latest figures for 2015-16 are not available, the information in respect of the use of agency workers as at 30.9.2014 is provided below. This information excludes services provided under term contracts centrally administered by the Office of the Government Chief Information Officer.

**(a) The number of contracts with employment agencies (EAs)**

2014-15 (as at 30.9.2014)
2 (-60%)

**(b) Contract sum and duration of services**

<b>Contract sum</b>	2014-15 (as at 30.9.2014)
	<b>Number of contracts</b>
Less than \$0.5 million	2 (-60%)
\$0.5 million to \$1 million	0 (-)
Over \$1 million	0 (-)
<b>Total:</b>	<b>2 (-60%)</b>

<b>Duration of services</b>	2014-15 (as at 30.9.2014)
	<b>Number of contracts</b>
6 months or less	0 (-100%)
Over 6 months to 1 year	2 (+100%)
Over 1 year to 2 years	0 (-)
Over 2 years	0 (-)
<b>Total:</b>	<b>2 (-60%)</b>

**(c) Number of workers against their job categories**

<b>Number of workers</b>	2014-15 (as at 30.9.2014)
	2 (-60%)

<b>Job category of workers</b>	2014-15 (as at 30.9.2014)
	<b>Number of workers</b>
Backend office support	1 (-80%)
Technical services	1 (-)
<b>Total:</b>	<b>2 (-60%)</b>

**(d) Monthly salary range of agency workers**

As at 30 September 2014, the department procured two contracts and the monthly wages of the agency workers were \$9,625 and \$18,500 respectively.

**(e) Length of service of agency workers**

The mode of using agency workers is that a government department and an EA enter into a service contract under which the agency will supply manpower as and when required. As long as the requirements of the government department (in terms of the number of agency workers and the qualifications and/or experience required from agency workers) are satisfied, the EA may arrange any of their employees to work in

the department or arrange replacement agency workers during the contract period for different reasons. Therefore, we do not keep information on the years of service of agency workers who are employees of the EAs and are at the disposal of the latter.

**(f) Percentage of workers against the total staff in the Department**

2014-15 (as at 30.9.2014)
0.11%

**(g) Percentage of expenditure for EAs against the total staff costs in the Department**

2014-15 (as at 30.9.2014)
0.06%

**(h) Severance payment / long service payment / contract gratuity paid to agency worker by employment agency**

The department entered into contracts with the EAs for provision of services as required by the department during the contract period. The contractual relationship of the agency workers is with the EAs which have to fulfil the obligations of employers under the relevant laws including the Employment Ordinance (Cap. 57) and Mandatory Provident Fund Schemes Ordinance (Cap. 485). We do not have information on the severance payment/ long service payment/ contract gratuity paid by the EAs to their workers.

**(i) Meal break for workers**

The agency workers are employed by the EAs, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

**(j) Number of workers against working days**

<b>Working days</b>	2014-15 (as at 30.9.2014) <b>Number of workers</b>
5 working days per week	2 (-60%)
6 working days per week	0 (-)
<b>Total:</b>	<b>2 (-60%)</b>

*Percentage in ( ) denotes comparison with 2013-14 except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)221**

**(Question Serial No. 3402)**

Head: (33) Civil Engineering and Development Department

Subhead (No. & title): (000) Operational Expenses

Programme: Not specified

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

Regarding the employment of non-civil service contract (NCSC) staff, please provide the following information:

	2015-16 (the latest position)
Number of NCSC staff	( )
Details of the positions held by NCSC staff	
Total expenditure on salaries for NCSC staff	( )
Monthly salary range of NCSC staff	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of NCSC staff	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Number of NCSC staff successfully appointed as civil servants	( )
Percentage of NCSC staff against the total staff in the department	( )

	2015-16 (the latest position)
Percentage of staff costs for NCSC staff against the total staff costs in the department	( )
Number of workers who received severance payment/long service payment/contract gratuity	( )
Amount of severance payment/long service payment/contract gratuity paid	( )
Number of workers with severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF	( )
Number of NCSC staff with paid meal break	( )
Number of NCSC staff without paid meal break	( )
Number of NCSC staff working 5 days per week	( )
Number of NCSC staff working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon. WONG Kwok-hing (Member Question No. 47)

Reply:

Since the latest figures for 2015-16 are not available, information on the employment of full-time non-civil service contract (NCSC) staff employed under the recurrent expenditure of the Civil Engineering and Development Department (CEDD) as at 31.12.2014 is provided below.

**(a) Number of NCSC staff against their job nature**

<b>Job nature</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
Professional	17 (-32%)
Technical and inspectorate	4 (-20%)
General administration	14 (+100%)
<b>Total:</b>	<b>35 (-5.4%)</b>

**(b) Total expenditure on salary of NCSC staff**

2014-15 (up to 31.12.2014) (\$million)
14.8 (+35.8%)



(c) **Number of NCSC staff against their salaries and length of service**

	2014-15 (as at 31.12.2014)
<b>Monthly salary</b>	<b>Number of NCSC staff</b>
\$30,001 or above	16 (+6.7%)
\$16,001 to \$30,000	7 (-58.8%)
\$8,001 to \$16,000	12 (+140%)
\$6,501 to \$8,000	0 (-)
\$6,240 to \$6,500	0 (-)
Less than \$6,240	0 (-)
<b>Total:</b>	<b>35 (-5.4%)</b>

	2014-15 (as at 31.12.2014)
<b>Length of services</b>	<b>Number of NCSC staff</b>
Over 15 years	0 (-)
10 years to 15 years	0 (-)
5 years to 10 years	2 (+100%)
3 years to 5 years	3 (-50%)
1 year to 3 years	8 (0%)
Less than 1 year	22 (0%)
<b>Total:</b>	<b>35 (-5.4%)</b>

(d) **Number of NCSC staff appointed as civil servant** <sup>(Note 1)</sup>

2014-15 (up to 31.12.2014)
18 (+100%)

Note 1: Including Information on NCSC staff appointed as civil servant within the CEDD only. The said NCSC staff have joined the civil service through an open, fair and competitive process.

(e) **Percentage of NCSC staff against the total staff in the Department**

2014-15 (as at 31.12.2014)
1.9%

- (f) **Percentage of staff costs for NCSC staff against the total staff costs in the Department**

2014-15 (up to 31.12.2014)
1.9%

- (g) **Number of workers who received severance payment/long service payment/contract gratuity**

2014-15 (up to 31.12.2014)
34 (-41.4%)

- (h) **Amount of severance payment/long service payment/contract gratuity paid**

2014-15 (up to 31.12.2014) (\$million)
1.9 (-26.9%)

- (i) **Number of workers with severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

2014-15 (up to 31.12.2014)
33 (-43.1%)

- (j) **Amount of severance payment/long service payment offset by or contract gratuity calculated from the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

2014-15 (up to 31.12.2014) (\$million)
0.5 (-28.6%)

Note 2: According to the Civil Service Bureau's guidelines on employment of NCSC staff, the contract gratuity for NCSC staff, plus the Government's MPF contributions in respect of the NCSC staff, should not be more than 10% (for non-skilled jobs) or 15% (for skilled jobs) of the total basic salary drawn during the contract period. The Government will not make reference to accrued benefit in calculating contract gratuity for NCSC staff.

**(k) Number of NCSC staff against meal break**

<b>Meal Break</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
Paid meal break	32 (-3%)
Unpaid meal break	3 (-25%)
<b>Total:</b>	<b>35 (-5.4%)</b>

**(l) Number of NCSC staff against working days**

<b>Working days</b>	2014-15 (as at 31.12.2014)
	<b>Number of NCSC staff</b>
5 working days per week	32 (-3%)
6 working days per week	3 (-25%)
<b>Total:</b>	<b>35 (-5.4%)</b>

*Percentage in ( ) denote comparison with 2013-14 except where the relevant figures in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)222****(Question Serial No. 3795)**Head: (33) Civil Engineering and Development DepartmentSubhead (No. & title): Not SpecifiedProgramme: (3) Provision of Land and InfrastructureControlling Officer: Acting Director of Civil Engineering and Development (F M LUK)Director of Bureau: Secretary for DevelopmentQuestion:

Regarding the cycle track network in the New Territories (NT), what is the current progress of the works? Which sections have not yet been connected so far? When is the whole project expected to be completed? What are the expenditures involved?

Asked by: Hon WU Chi-wai (Member Question No. 90)Reply:

The comprehensive cycle track network in the New Territories mainly comprises two backbone sections, namely (i) Ma On Shan to Tuen Mun section via Sha Tin, Tai Po, Fanling, Sheung Shui and Yuen Long; and (ii) Tsuen Wan to Tuen Mun section. To enable early enjoyment by the public, we have been implementing the cycle track network in phases. The current status of the various sub-sections of the cycle track network is as follows -

<b>Section</b>	<b>Sub-section</b>	<b>Current status</b>	<b>Anticipated completion date</b>	<b>Estimated expenditure in 2015-16 (\$ million)</b>
Ma On Shan to Tuen Mun	Ma On Shan to Sheung Shui	Completed	March 2014 (Actual completion date)	2.5 (Subhead 271RS)
	Sheung Shui to Tuen Mun - stage 1 works	Construction in progress	End 2016	60.2 (Subhead 279RS)
	Sheung Shui to Tuen Mun - remaining works	Detailed design in progress and construction	End 2019	22.0 (Subhead 259RS subject

<b>Section</b>	<b>Sub-section</b>	<b>Current status</b>	<b>Anticipated completion date</b>	<b>Estimated expenditure in 2015-16 (\$ million)</b>
		scheduled to commence in end 2015 subject to funding approval of Finance Committee		to funding approval)
Tsuen Wan to Tuen Mun	Advance works (Tsing Tsuen Bridge to Bayview Garden in Tsuen Wan)	Detailed design in progress	Under review	1.0 (Subhead 276RS)
	Stage 1 works (Bayview Garden to Ting Kau) and Stage 2 works (Ting Kau to Tuen Mun)	Alignment review in progress	Under review	

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)223**

**(Question Serial No. 3608)**

Head: (705) Capital Works Reserve Fund: Civil Engineering  
Subhead (No. & title): Not Specified  
Programme: Not Specified  
Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)  
Director of Bureau: Secretary for Development  
Question:

1. How many tender invitations have the government made for the construction and related works of Liantang/Heung Yuen Wai (HYW) Boundary Crossing Point (BCP), counting from the date on which the Legislative Council (Legco) approved the funding? Please list out the breakdown in time sequence about the project names and the value involved in these works tender invitations.

2. In the several invitations mentioned above for the construction and related works of Liantang/HYW BCP, how many construction works contracts has the government awarded? Please list out the breakdown in time sequence about the project names, the commencement and completion dates of the works and the up-to date actual expenditures for these projects.

Asked by: Hon LEONG Kah-kit, Alan (Member Question No. 64)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

1. The Government has invited tenders for 12 works contracts for the Liantang / Heung Yuen Wai Boundary Control Point (BCP) project under Head 703 and 705. The details of the tenders listed in chronological order are given in Table 1 below.

2. The Government has awarded 9 works contracts, the details of which are listed in chronological order in Table 2 below.

**Table 1 -- Liantang/Heung Yuen Wai Boundary Control Point & Associated Works  
Details of Tenders Invited**

<b>PWP Item</b>	<b>Contract</b>	<b>Tender Invitation Date</b>	<b>Awarded Tender Sum (\$ million)</b>
5014GB	CV/2009/12 Liantang/Heung Yuen Wai Boundary Control Point - Ground Investigation	10/2009	33.82
5016GB	CV/2009/14 Resite for Chuk Yuen Village	5/2010	43.30
5017GB	CV/2011/03 Liantang/Heung Yuen Wai Boundary Control Point - Ground Investigation for Site Formation and Infrastructure Works	7/2011	146.80
5018GB	DC/2011/06 Reprovisioning of boundary patrol road and associated security facilities between Ping Yuen River and Pak Fu Shan and Drainage Works in North District	12/2011	312.22
5019GB	CV/2012/06 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 1	7/2012	N/A (Tender cancelled)
5019GB	CV/2012/09 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 3	9/2012	1,604.33
5019GB	CV/2012/08 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 2	11/2012	10,244.24
5019GB	CV/2013/03 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 5	1/2013	491.00
5168CD	Regulation of Shenzhen River Stage IV (Contract A)	4/2013	106.73
5168CD	Regulation of Shenzhen River Stage IV (Contract B)	6/2013	140.25
5019GB	CV/2013/08 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 6	7/2013	Not yet awarded
3013GB	SSC505 Construction of Liantang/Heung Yuen Wai Boundary Control Point (BCP) - BCP Buildings and Associated Facilities	8/2014	Not yet awarded

**Table 2 -- Liantang/Heung Yuen Wai Boundary Control Point & Associated Works  
Details of Awarded Works Contracts**

<b>PWP Item</b>	<b>Contract</b>	<b>Commencement Date</b>	<b>Completion Date</b>	<b>Expenditure up to 28 Feb 2015 (\$ million)</b>
5014GB	CV/2009/12 Liantang/Heung Yuen Wai Boundary Control Point - Ground Investigation	12/2009	7/2010*	26.30
5016GB	CV/2009/14 Resite for Chuk Yuen Village	8/2010	12/2011*	43.49
5017GB	CV/2011/03 Liantang/Heung Yuen Wai Boundary Control Point - Ground Investigation for Site Formation and Infrastructure Works	10/2011	1/2013*	124.36
5018GB	DC/2011/06 Reprovisioning of boundary patrol road and associated security facilities between Ping Yuen River and Pak Fu Shan and Drainage Works in North District	2/2012	2/2015*	233.90
5019GB	CV/2013/03 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 5	4/2013	10/2015	232.20
5019GB	CV/2012/09 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 3	7/2013	8/2018	348.94
5168CD	Regulation of Shenzhen River Stage IV (Contract A)	8/2013	1/2017	21.42
5168CD	Regulation of Shenzhen River Stage IV (Contract B)	12/2013	7/2017	13.75
5019GB	CV/2012/08 Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 2	12/2013	6/2018	1,301.29

Note : \*Contract substantially completed.

--End--



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)224**

**(Question Serial No. 4558)**

Head: (707) Capital Works Reserved Fund - New Towns and Urban Areas Development

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Acting Director of Civil Engineering and Development (F M LUK)

Director of Bureau: Secretary for Development

Question:

Please inform this Committee of the expenditure involved in and details of the Detailed Feasibility Study for the Environmentally Friendly Linkage System for Kowloon East, and the expected completion date of the study.

Asked by: Hon WONG Pik-wan, Helena (Member Question No. 100)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The estimated project cost for conducting the Detailed Feasibility Study (DFS) for the Environmentally Friendly Linkage System (EFLS) is about \$92 million in money-of-the-day prices. Subject to funding approval of the Finance Committee to commence the DFS, the study is targeted for completion in mid-2017. The DFS will mainly cover the following scope:

- (a) evaluation of the most suitable transport mode for EFLS and formulation of a well-planned integrated multi-modal linkage system (comprising the Mass Transit Railway, EFLS, green road-based transport and improved pedestrian facilities) for enhancing the connectivity of Kowloon East;

- (b) examination of financial viability, environmental acceptability as well as technical feasibility for EFLS covering alignment, system design and implementation programme; and
- (c) examination of the impact of the proposed Kwun Tong Transportation Link, which will link up Kwun Tong with the former runway tip, on the use of the water body at the Kwun Tong Typhoon Shelter and Kai Tak Approach Channel, and formulation of mitigation measures.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)225**

**(Question Serial No. 6026)**

Head: (39) Drainage Services Department

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

- (1) How many flooding cases occurred on Hong Kong Island over the past year? Please list in chronological order these cases by location, amount of rainfall on that day and cause(s) of flooding.
- (2) What is the progress of improvement works for each flooding blackspot on Hong Kong Island? Please advise on the details of the works, progress and estimated expenditure involved; and
- (3) Will the Government commence any improvement works in respect of the flooding blackspots in the coming year? What are the work plan and estimated expenditure?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 352)

Reply:

1. In 2014, there were a total of 14 flooding cases on Hong Kong Island. All these cases were minor and happened at localised areas. They were mainly due to blockage of roadside gullies or surface channels resulting in ineffective discharge to cope with the large quantity of rainwater. Twelve of the flooding cases were recorded when Black/Red Rainstorm Warnings were issued. The other two cases were recorded when the Tropical Cyclone Warning Signal No. 8 of Typhoon "Kalmaegi" was issued. Hourly rainfall intensity exceeding 70 millimetres was recorded on Hong Kong Island on the days of these cases. Locations of the 14 cases are as follows -

<b>Date of Rainstorm Event / Typhoon</b>	<b>Number of cases</b>	<b>District</b>
30 March 2014	1	North Point
8 to 9 May 2014	6	Sai Ying Pun, Happy Valley, Mid-levels and Central

11 May 2014	1	Southern District
8 June 2014	1	Happy Valley
12 to 13 August 2014	3	Wan Chai, Ap Lei Chau and Mid-levels
16 September 2014	2	Shau Kei Wan and Mid-levels

2. & 3. There are currently three flooding blackspots on Hong Kong Island. The details of the drainage improvement works for the flooding blackspots together with the progress and expenditure involved are as follows –

<b>Flooding Blackspot</b>	<b>Details of Drainage Improvement Works</b>
(i) Pok Fu Lam Village	<p>Upgrading works to the drainage system in Pok Fu Lam Village commenced in March 2009 and were completed in June 2009. The cost of the works was \$5.9 million.</p> <p>Further drainage improvement works for Pok Fu Lam Village are under planning.</p>
(ii) Wong Chuk Hang Road, junction with Nam Long Shan Road	<p>Construction of stormwater drains along Wong Chuk Hang Road, Yip Kan Street and Tong Bin Lane commenced in March 2009 and was completed in October 2010. The cost of the works was \$7.5 million.</p> <p>Further drainage improvement works at the junction of Wong Chuk Hang Road and Nam Long Shan Road commenced in January 2013 and were completed in March 2014. The cost of the works was \$6 million.</p> <p>The performance of the improved drainage system is under monitoring.</p>
(iii) Morrison Hill Road, junction with Lap Tak Lane	<p>Construction of the Hong Kong West Drainage Tunnel commenced in November 2007 and was completed in June 2012. The cost of the project was \$3,381.3 million.</p> <p>Construction of stormwater drains along Sung Tak Street and Morrison Hill Road commenced in May 2010 and was completed in November 2013. The cost of the works was \$6.5 million.</p> <p>Construction of an underground stormwater storage tank in Happy Valley commenced in</p>

	<p>September 2011 for completion by 2018 in two stages. Stage 1 of the works was completed in end of March 2015 while Stage 2 of the works is scheduled for completion in early 2018. The estimated expenditure in 2015-16 is \$115 million.</p> <p>Construction of stormwater drains along Lap Tak Lane and Yat Sin Street commenced in January 2014 for completion by 2016. The estimated expenditure in 2015-16 is \$2 million.</p>
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- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)226**

**(Question Serial No. 6027)**

Head: (39) Drainage Services Department

Subhead (No. & title): (000) Operational Expenses

Programme: Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

- (1) What is the progress of the construction of Happy Valley Underground Stormwater Storage Scheme? What is the Department's anticipated percentage of completion of the project this year? Are the works progressing as scheduled? Has the project cost overrun? If yes, what are the amount and reasons? and
- (2) Any complaints (e.g. traffic congestion and noise) in relation to, or arising from the above project received last year? Please provide the number, details and follow-up work of these complaints.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 353)

Reply:

- (1) The construction of the Happy Valley Underground Stormwater Storage Scheme commenced in September 2011 and the progress is on schedule. Stage 1 of the works was completed in end of March 2015. The Drainage Services Department anticipates that about 65% of the works will be completed by end 2015 and the expenditure of the project will be within budget.
- (2) In 2014, we received one complaint of the project about noise nuisance caused by rock breaking operation. The contractor took immediate remedial measures including installation of additional noise barriers and change of construction method. No further complaint has been received since then.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)227**

**(Question Serial No. 4063)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Will the Government deck the nullah section with recently completed railway works near Wong Chuk Hang Sports Centre to provide more road space and a better traffic and pedestrian environment? If yes, what are the details? If not, what are the reasons? What is the estimated expenditure involved in the relevant works?

Asked by: Hon SIN Chung-kai (Member Question No. 39)

Reply:

The decking of a section of the Wong Chuk Hang Nullah which was incorporated into the South Island Line (East) project of the Mass Transit Railway Corporation Limited has already been completed. The Drainage Services Department (DSD) currently has no plan to deck the remaining sections of the nullah including the section near Wong Chuk Hang Sports Centre at this stage. DSD will conduct a drainage review for Wong Chuk Hang district which may recommend further improvement works to these sections of the nullah.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)228**

**(Question Serial No. 3759)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum-wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Regarding the review of the drainage master plans for Tai Po, Sha Tin and Sai Kung, please advise on the work progress, objectives, planned completion dates and estimated expenditure.

Asked by: Hon TIEN Pei-chun, James (Member Question No. 61)

Reply:

Two drainage master plan review studies are being conducted for Tai Po, and Sha Tin and Sai Kung. The estimated expenditures in 2015-16 for the two review studies are \$3 million and \$3.5 million respectively.

The studies aim at reviewing the performance of the existing drainage systems in the study areas taking into account the latest and planned developments in the areas and effect of climate change. Drainage improvement measures will be formulated as necessary. Both studies commenced in February 2013 for completion in end 2015.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)229**

**(Question Serial No. 3570)**

Head: (39) Drainage Services Department

Subhead (No. & title): (-) Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

It is stated that the Department will commence the investigation and planning of transforming King Yip Street nullah into Tsui Ping River. In this connection, please advise this Committee on:

- (1) specific details such as the current annual average volume and water quality of Tsui Ping River;
- (2) the re-planning work schedule, as well as the estimated expenditure and staff establishment for the relevant work in 2015-16.

Asked by: Hon WONG Kwok-kin (Member Question No. 34)

Reply:

- (1) King Yip Street nullah is one of the major storm water channels in East Kowloon, serving a catchment of 520 hectare covering Kwun Tong, Sau Mau Ping and Lam Tin. The nullah is under tidal influence and the daily flow fluctuates greatly with the season and the weather. During severe rainstorms, the nullah could convey a discharge up to 150 cubic metre per second. The nullah is subject to pollution from various sources including expedient connections of effluent discharges from upstream developments and tidal effect, etc. We shall carry out surveys in the investigation study to collect more information for further study with a view to improving the water quality.
- (2) We schedule to commence the investigation consultancy study in mid-2015 for completion in the first quarter of 2017. The estimated expenditure of the study in 2015-16 is \$6.5 million in money-of-the-day prices. The study is managed by a Chief Engineer and a Senior Engineer on a part-time basis, and supported by an Engineer and a Landscape Architect in time-limited posts.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)230**

**(Question Serial No. 4333)**

Head: (39) Drainage Services Department

Subhead (No. & title): Not Specified

Programme: (1) Stormwater Drainage

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

Please provide a breakdown of the capital projects under detailed design with a value of \$8,436,000,000 in 2015-16 under this programme, including the estimated expenditure of each project and expected completion dates of the design.

Asked by: Hon WU Chi-wai (Member Question No. 87)

Reply:

The stormwater drainage projects under detailed design are listed below. Since these projects are subject to further investigation, design evolution, site availability, statutory and administrative requirements, public consultations as well as other planning considerations, their details including project estimates and programmes could not be confirmed at this stage.

1.	West Kowloon drainage improvement – Inter-Reservoirs Transfer Scheme
2.	Drainage improvement in Northern New Territories – Drainage improvement works in San Tin – remaining works
3.	Drainage improvement in Northern New Territories – package B (remaining works)
4.	Drainage improvement in Northern New Territories – package C (remaining works)
5.	Drainage improvement in Southern Hong Kong Island – package 2
6.	Reconstruction and rehabilitation of Kai Tak nullah from Tung Kwong Road to Prince Edward Road East (remaining works)
7.	Improvement of Yuen Long town nullah (Town centre section)
8.	Drainage improvement works at Ngong Ping
9.	Drainage improvement works at North District
10.	Drainage improvement works at Yuen Long

11.	Energizing Kowloon East – Revitalisation of Tsui Ping River
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- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)231**

**(Question Serial No. 3804)**

Head: (704) Capital Works Reserve Fund: Drainage

Subhead (No. & title): Not Specified

Programme: Not Specified

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

What is the progress of Subhead 4407DS “Relocation of Sha Tin sewage treatment works to caverns—consultants’ fees and investigation”? On what areas will the expenditure in 2015-16 be spent? Will the whole project be completed as scheduled when the project estimate was approved?

Asked by: Hon FAN Kwok-wai, Gary (Member Question No. 39)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

The project for the investigation and design work for the relocation of Sha Tin sewage treatment works to caverns under Subhead No. 4407DS commenced in September 2014. The estimated expenditure in 2015-16 covers ground investigation works to be undertaken by a contractor and the design work to be undertaken by consultants, including relevant technical and impact assessments, and the supervision of the ground investigation works. The investigation and design are expected to be completed by end 2022 as scheduled.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)232**

**(Question Serial No. 4553)**

Head: (704) Capital Works Reserve Fund: Drainage

Subhead (No. & title): (4155CD) West Kowloon drainage improvement – Lai Chi Kok drainage tunnel

Programme: Not Specified

Controlling Officer: Director of Drainage Services (CHUNG Kum Wah, Daniel)

Director of Bureau: Secretary for Development

Question:

What are the details, works schedule and expenditure involved for “West Kowloon drainage improvement—Lai Chi Kok drainage tunnel”?

Asked by: Hon WONG Pik-wan, Helena (Member Question No. 95)

Reply:

According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.

Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.

“West Kowloon drainage improvement – Lai Chi Kok drainage tunnel” is for the construction of the Lai Chi Kok Drainage Tunnel (LCKDT) with an approved project estimate of \$1,669.1 million. LCKDT comprises a 2.5 km long mid-hill branch tunnel that runs from Tai Wo Ping to Butterfly Valley, and a 1.2 km long main tunnel that extends underneath Lai Chi Kok’s urban area to the coast. Both tunnels are of 4.9 m internal diameter. LCKDT is to relieve the flooding risk in Lai Chi Kok, Cheung Sha Wan and Sham Shui Po areas by intercepting stormwater runoff from the uphill catchment through six intakes along the branch tunnel, thereby significantly reducing the volume of stormwater flow entering the urban drainage system downstream. Construction of LCKDT commenced in November 2008 and it was commissioned in October 2012. The estimated

expenditure under the project in 2015-16 is \$2 million for payment of the final accounts of the relevant consultancy agreement and works contract.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)233**

**(Question Serial No. 5333)**

Head: (42) Electrical and Mechanical Services Department

Subhead (No. & title): Not Specified

Programme: (2) Mechanical Installations Safety

Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)

Director of Bureau: Secretary for Development

Question:

Please list the numbers of prosecution and disciplinary actions taken by the Electrical and Mechanical Services Department in the past five years.

Asked by: Hon KWOK Ka-ki (Member Question No. 171)

Reply:

The numbers of prosecution and disciplinary actions completed by the Electrical and Mechanical Services Department on mechanical installations safety in the past five years are listed in the following table -

Financial Year	Number of Prosecution Cases	Number of Disciplinary Cases
2014-15 (up to February 2015)	2	0
2013-14	1	2
2012-13	1	0
2011-12	4	2
2010-11	9	0

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)234**

**(Question Serial No. 5334)**

Head: (42) Electrical and Mechanical Services Department  
Subhead (No. & title): Not Specified  
Programme: (2) Mechanical Installations Safety  
Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)  
Director of Bureau: Secretary for Development

Question:

Please list the expenditure of the Electrical and Mechanical Services Department on inspection and enforcement actions, public education and publicity for lifts and escalators in the past five years. Please also list the estimated expenditure of the Department on inspection and enforcement actions, public education and publicity for lifts and escalators in 2015-16.

Asked by: Hon KWOK Ka-ki (Member Question No. 172)

Reply:

The expenditure of the Electrical and Mechanical Services Department on inspection and enforcement actions, public education and publicity for lifts and escalators in the past five years are listed below:

Financial Year	Expenditure (\$million)
2010-11	25.9
2011-12	25.4
2012-13	32.0
2013-14	35.5
2014-15	36.0*

\* Estimated 2014-15 year end expenditure

In 2015-16, the estimated expenditure on the above work for lifts and escalators is \$36.0 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)235**

**(Question Serial No. 4517)**

Head: (42) Electrical and Mechanical Services Department  
Subhead (No. & title): Not Specified  
Programme: (2) Mechanical Installations Safety  
Controlling Officer: Director of Electrical and Mechanical Services (CHAN Fan)  
Director of Bureau: Secretary for Development

Question:

Please provide this Committee with the following information on lift and escalator inspection work:

- (1) What is the establishment involved in lift and escalator inspection work in 2013 and 2014?
- (2) In the past three years, what is the number of staff recruited for lift and escalator inspection work and the number of staff left each year?
- (3) In 2015-16, will the Government plan to increase the establishment to carry out additional lift and escalator inspection work? If yes, what are the details?

Asked by: Hon WU Chi-wai (Member Question No. 94)

Reply:

- (1) In 2013-14, a team of four professional engineers and 19 inspectors was responsible for lift and escalator safety including the carrying out of audit inspection and incident investigation. In 2014-15, the establishment was increased by one professional engineer and nine inspectors. The team therefore comprises a total of five professional engineers and 28 inspectors.
- (2) The professional engineers and inspectors forming the team for lift and escalator safety are deployed through staff posting within the Electrical and Mechanical Services Department (EMSD). Recruitment of professional engineers and inspectors were conducted by EMSD in the past three years for filling vacancies arising from retirement and additional posts created for delivering new services.

- (3) The establishment of the team on lift and escalator safety in 2015-16 will be the same as that in 2014-15.

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)236****(Question Serial No. 4940)**Head: (95) Leisure and Cultural Services DepartmentSubhead (No. & title): Not specifiedProgramme: (3) Heritage and MuseumsControlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)Director of Bureau: Secretary for DevelopmentQuestion:

Archaeological features and relics have been discovered on a number of occasions at the construction site of the Shatin to Central Link (SCL) of the Mass Transit Railway. Will the Government provide details of the number, period, type and value of the relics discovered? As some archaeological features of a significant scale were also previously discovered at the same site, please list the details of the features and the conservation methods adopted.

Asked by: Hon CHAN Chi-chuen (Member Question No. 233)Reply:

The relics unearthed at the construction site of the To Kwa Wan Station of SCL include objects of Song-Yuan period such as pottery pots, bowls, incense burners, coins and roof tiles. They are being studied by the archaeological team commissioned by the MTR Corporation Limited (MTRCL). MTRCL will consider displaying part of them in the concourse of the future To Kwa Wan Station. On the other hand, details of the archaeological features discovered and the conservation methods adopted are listed below –

<b>Archaeological Discoveries</b>	<b>Locations</b>	<b>Conservation Method</b>
1. Well J5	Part 1 Archaeological Area	Preserve in-situ
2. Stone building features	Part 3 Archaeological Area, Zone A	Preserve in-situ
3. Well J1	Part 2 Archaeological Area, T1 Area	Preserve in-situ
4. Building remains	Part 2 Archaeological Area, T1 Area	Preserve in-situ

<b>Archaeological Discoveries</b>	<b>Locations</b>	<b>Conservation Method</b>
5. Stone footpath and stone structure which forms the riverbanks of the former Ma Tau Chung	Part 3 Archaeological Area, northern end of Zone C	Preserve in-situ
6. Stone building features and Well J3	Part 3 Archaeological Area, Zone D	Preserve in-situ
7. Stone building features	Part 3 Archaeological Area, Zone B, and northern end of Zone C	Preserve in-situ
8. Stone structure	Part 3 Archaeological Area, southern end of Zone C	To retain the features at this moment
9. Well J2 and water channel	Part 3 Archaeological Area, Zone A	Remove by hand after recording and reassemble later
10. Red brick well	Part 3 Archaeological Area, Zone A	Preserve by record
11. Wooden structure in a pit	Part 3 Archaeological Area, Zone A	Retrieved off site for conservation treatment

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)237**

**(Question Serial No. 4941)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Please list the assessments conducted for historic buildings in the past three years with information on their assessment results, location, historic value and conservation methods.

Asked by: Hon CHAN Chi-chuen (Member Question No. 234)

Reply:

The grading assessments of historic buildings completed or confirmed in the past three financial years (FY) are set out at the Annex.

As regards conservation method, the actual arrangement for any graded historic building would have to depend on such factors as the structure, condition and features of individual building as well as the technical feasibility.

For government-owned monuments and graded historic buildings, the Antiquities and Monuments Office (AMO) will provide advice to the concerned user bureau/department on the appropriate method for conserving the monuments/historic buildings under their management. Moreover, all the new government capital works projects which would affect monuments/graded historic buildings are required to undergo the Heritage Impact Assessment process to ensure that appropriate mitigation measures will be implemented to minimise the impact of the projects on the concerned monuments/historic buildings.

For privately-owned graded historic buildings, the Commissioner for Heritage's Office (CHO) of the Development Bureau has launched the Financial Assistance for Maintenance Scheme to provide funding to owners of private historic buildings to carry out maintenance works. We have also put in place an internal monitoring mechanism whereby relevant government departments such as the Buildings Department, the Planning Department and the Lands Department will alert CHO and AMO if they receive any applications for development, alteration or use which may affect privately-owned graded historic buildings.

On receipt of such notification, CHO and AMO will explore with the concerned private owners on appropriate conservation options for conserving their historic buildings.



**Grading Assessment of Historic Buildings Confirmed/Completed  
in 2012-13, 2013-14 and 2014-15**

**FY2012-13**

<b>No.</b>	<b>Name and Address</b>	<b>Assessment Results</b>
1.	Former Central Government Offices (CGO), Site, Central, Hong Kong	Grade 1
2.	Former CGO, Main Wing, Central, Hong Kong	Grade 1
3.	Former CGO, East Wing, Central, Hong Kong	Grade 1
4.	Former CGO, West Wing, Central, Hong Kong	Grade 1
5.	No. 3 San Lau Street, Sha Tau Kok, New Territories	Grade 2
6.	No. 4 San Lau Street, Sha Tau Kok, New Territories	Grade 2
7.	No. 7 San Lau Street, Sha Tau Kok, New Territories	Grade 2
8.	No. 9 San Lau Street, Sha Tau Kok, New Territories	Grade 2
9.	No. 11 San Lau Street, Sha Tau Kok, New Territories	Grade 2
10.	No. 12 San Lau Street, Sha Tau Kok, New Territories	Grade 2
11.	No. 13 San Lau Street, Sha Tau Kok, New Territories	Grade 2
12.	No. 14 San Lau Street, Sha Tau Kok, New Territories	Grade 2
13.	No. 16 San Lau Street, Sha Tau Kok, New Territories	Grade 2
14.	No. 17 San Lau Street, Sha Tau Kok, New Territories	Grade 2
15.	No. 19 San Lau Street, Sha Tau Kok, New Territories	Grade 2
16.	No. 21 San Lau Street, Sha Tau Kok, New Territories	Grade 2
17.	No. 22 San Lau Street, Sha Tau Kok, New Territories	Grade 2
18.	St. Paul's Primary Catholic School, Wong Nai Chung Road, Happy Valley, Hong Kong	Grade 2
19.	St. John's Chapel, No. 2 Cheung Po, Pat Heung, Yuen Long, New Territories	Grade 2
20.	Chai Wan Factory Estate, No. 2 Kut Shing Street, Hong Kong	Grade 2

No.	Name and Address	Assessment Results
21.	Immaculate Conception Chapel, Tai Long, Sai Kung, New Territories	Grade 3
22.	Kong Ha Wai, Main Building, near Kam Tsin Wai, Pat Heung, Yuen Long, New Territories	Grade 3
23.	Kong Ha Wai, Entrance Gate, near Kam Tsin Wai, Pat Heung, Yuen Long, New Territories	Grade 3
24.	Immaculate Heart of Mary Chapel, Pak Sha O, Tai Po, New Territories	Grade 3
25.	Kong Ha Wai, Servants' Quarters, near Kam Tsin Wai, Pat Heung, Yuen Long, New Territories	Grade 3
26.	No. 23 Fung Fai Terrace, Wan Chai, Hong Kong	Grade 3
27.	No. 8 Pat Kan, Stanley, Hong Kong	Grade 3

### **FY2013-14**

No.	Name and Address	Assessment Results
1.	Yuen Kwan Tai Temple, Mong Tseng Wai, Ping Shan, Yuen Long, New Territories	Grade 1
2.	Kowloon Union Church, No. 4 Jordan Road, Yau Ma Tei, Kowloon	Grade 1
3.	No. 31 Lee Yick Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 2
4.	Holy Family Chapel, Chek Keng, Tai Po, New Territories	Grade 2
5.	Rosary Mission Centre, No. 1 Wong Mo Ying, Sai Kung, New Territories	Grade 2
6.	Salesian Mission House, Main Building, No. 18 Chai Wan Road, Hong Kong	Grade 2
7.	Salesian Mission House, Villa, No. 18 Chai Wan Road, Hong Kong	Grade 2
8.	No. 27 Lugard Road, The Peak, Hong Kong	Grade 2
9.	No. 1 Tai O Market Street, Tai O, Lantau Island	Grade 2
10.	Nos. 7, 9, 11 & 13 Tai O Market Street, Tai O, Lantau Island	Grade 2
11.	No. 14 Tai O Market Street, Tai O, Lantau Island	Grade 2
12.	No. 17 Tai O Market Street, Tai O, Lantau Island	Grade 2
13.	No. 60 Kat Hing Street, Tai O, Lantau Island	Grade 2
14.	Shek O Bus Terminus building, Shek O, Hong Kong	Grade 2

No.	Name and Address	Assessment Results
15.	Zonta White House, No. 4010 Tai Po Road - Yuen Chau Tsai, New Territories	Grade 2
16.	Old British Military Hospital, Gatehouse & Gate Pillars, Nos. 8 & 12 Borrett Road, Hong Kong	Grade 2
17.	No. 96 Apliu Street, Sham Shui Po, Kowloon	Grade 2
18.	No. 15 Lee Yick Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 2
19.	No. 14 Tung Mun Hau (East Entrance Gate), Yuen Long Kau Hui, Yuen Long, New Territories	Grade 2
20.	Hip Tin Temple (Kwan Tai Temple), Po Sam Pai, Tai Po, New Territories	Grade 3
21.	Tam Kung Temple, Tam Kung Temple Road, Shau Kei Wan, Hong Kong	Grade 3
22.	Kwun Yam Temple, Ta Tit Yan, Tai Po, New Territories	Grade 3
23.	The Manse of Kowloon Union Church, No. 2 Jordan Road, Yau Ma Tei, Kowloon	Grade 3
24.	No. 28 Lugard Road, The Peak, Hong Kong	Grade 3
25.	Shrine with Stone Dog, Kat Hing Back Street, Tai O, Lantau Island	Grade 3
26.	Village houses, Nos. 35-37, Fung Wong Wu, Ta Kwu Ling, New Territories	Grade 3
27.	Meng Tak Primary School, Old Portion, No. 1 Cheung Man Road, Chai Wan, Hong Kong	Grade 3
28.	No. 65 Ha Heung Road, To Kwa Wan, Kowloon	Grade 3
29.	No. 62 Fuk Wing Street, Sham Shui Po, Kowloon	Grade 3
30.	Nos. 109 & 111 Lockhart Road, Wan Chai, Hong Kong	Grade 3
31.	Nga Tsin Wai Village, Entrance Gate, Kowloon	Grade 3
32.	Nga Tsin Wai Village, Ng Ancestral Hall, Kowloon	Grade 3
33.	Nga Tsin Wai Village, Tin Hau Temple, Kowloon	Grade 3
34.	Nos. 1166 & 1168 Canton Road, Mong Kok, Kowloon	Grade 3
35.	Former Lau Fau Shan Police Station, No. 1 Shan Tung Street, Yuen Long, New Territories	Grade 3
36.	No. 4 Cheung Shing Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3

No.	Name and Address	Assessment Results
37.	No. 26 Cheung Shing Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
38.	No. 1A Lee Yick Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
39.	No. 30 Lee Yick Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
40.	No. 32 Lee Yick Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
41.	No. 13 Wine Street, Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
42.	Remnant of Nam Mun Hau (South Entrance Gate), Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
43.	Nos. 36A, 36B, 36C & 38 Nam Mun Hau (South Entrance Gate), Yuen Long Kau Hui, Yuen Long, New Territories	Grade 3
44.	No. 23 Argyle Street, Mong Kok, Kowloon	Nil grade
45.	No. 24 Mong Kok Road, Mong Kok, Kowloon	Nil grade
46.	Nos. 327 & 329 Portland Street, Mong Kok, Kowloon	Nil grade

### **FY2014-15**

No.	Name and Address	Assessment Results
1.	Fanling Lodge, Kwu Tung, Sheung Shui, New Territories	Grade 1
2.	Kowloon City Ferry Piers, Passenger Pier, To Kwa Wan, Kowloon	Grade 2
3.	Clubhouse, The Hong Kong Golf Club Fanling Golf Course, Fan Kam Road, Fanling, New Territories	Grade 2
4.	Kowloon City Vehicular Ferry Pier, To Kwa Wan, Kowloon	Grade 2
5.	Former Yuen Long Public Middle School, No. 3 Yau Shin Street, Au Tau, Yuen Long, New Territories	Grade 2
6.	Sai Kung Lok Yuk Kindergarten, No. 19E Po Tung Road, Sai Kung, New Territories	Grade 2
7.	Ceramic Kiln, Hin Fat Lane, Castle Peak Road, Tuen Mun, New Territories	Grade 3
8.	Former Perowne Barracks, Gurkha Temple, No. 2 Castle Peak Road - Castle	Grade 3

No.	Name and Address	Assessment Results
	Peak Bay, Tuen Mun, New Territories	
9.	Former Perowne Barracks, Kesarbahadur Hall, No. 2 Castle Peak Road - Castle Peak Bay, Tuen Mun, New Territories	Grade 3
10.	Old village school, No. 1 Tung Tau Tsuen, Ha Tsuen, Yuen Long, New Territories	Grade 3
11.	Village house, No. 34 Lin Ma Hang, Sha Tau Kok, New Territories	Grade 3
12.	Yuk Yin Study Hall, No.1A Sha Kok Mei Second Lane, Sai Kung, New Territories	Grade 3
13.	No. 118 Wellington Street, Central, Hong Kong	Grade 3
14.	Nos. 86 and 88 Stanley Main Street, Stanley, Hong Kong	Grade 3
15.	Entrance Gate of Sai Lam Temple, No. 198 Sheung Wo Che, Sha Tin, New Territories	Nil grade

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)238**

**(Question Serial No. 6464)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Chapter One of the Director of Audit's Report No. 60 criticised the Government on its conservation policies on monuments and historic buildings in various aspects, including declaration of monuments, assessment of historic buildings, government monuments and graded buildings, private monuments and graded buildings as well as promotion of heritage conservation. Have the Antiquities and Monuments Office and the Antiquities Advisory Board conducted a thorough review of the above issues and made improvement accordingly? What are the details and expenditures involved? If not, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 397)

Reply:

The Commissioner for Heritage's Office of the Development Bureau (DEVB) and the Antiquities and Monuments Office of this Department have taken appropriate follow-up actions in response to the recommendations of Report No. 60 of the Director of Audit. As reported in the Government Minute submitted to the Legislative Council Public Accounts Committee on 23 October 2013, the majority of the recommendations have been implemented. The annual estimated expenditure is \$10.6 million. The remaining recommendations had been broadly examined under the policy review on conservation of built heritage (Policy Review), which was conducted by the Antiquities Advisory Board on the invitation of the Government. The report of the Policy Review was released in January 2015. Relevant expenses pertaining to the Policy Review were met by DEVB under its respective Head.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)239**

**(Question Serial No. 6467)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

- (1) What are the principles of appointments to the Antiquities Advisory Board (AAB)? Which sectors do its members come from? How many of them have an academic background in local history?
- (2) Please provide the number of AAB meetings convened in each of the past two years and the total number of meeting hours. How many conservation proposals were discussed by AAB? How many resolutions were made based on these discussions?
- (3) How many conservation proposals were endorsed by AAB by circulation of papers in the past two years? What are the justifications for adopting this procedure to reach decisions?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 398)

Reply:

- (1) AAB is an advisory body appointed by the Chief Executive under the Antiquities and Monuments Ordinance (Cap. 53). In making appointments to advisory boards and committees such as AAB, due regard has been made to the statutory provisions relating to the establishment, functions and nature of business of the boards and committees concerned, as well as the merits of individual members concerned (such as their expertise, experience and commitment).

At present, AAB comprises 23 members from different fields and professions, including professionals from the architecture, planning, engineering, surveying, legal, business and social services fields, historians, and other community leaders. Three of the members possess an academic background in local history.

- (2) For regular AAB meetings, five (with a total meeting time of 14 hours 15 minutes) were convened in financial year (FY) 2013-14 and six (with a total meeting time of 17 hours 25 minutes) in FY2014-15. As regards AAB's special meetings on the policy review on conservation of built heritage, four (with a total meeting time of 14 hours 50 minutes) were held in FY2013-14 and seven (with a total meeting time of 19 hours 30 minutes) in FY2014-15. A total of ten conservation proposals including nine projects under the Heritage Impact Assessment (HIA) mechanism and a conservation plan were discussed by AAB and seven out of these conservation proposals were endorsed in FY2013-14 and FY2014-15.
- (3) In the past two years, only one of the nine projects under HIA mechanism was discussed at AAB meeting and subsequently endorsed by circulation of papers. In accordance with the Meeting Procedures and House Rules for AAB, the Board may transact any business by circulation of papers, and a resolution in writing which is approved shall be as valid and as effectual as if it had been passed at a meeting of the Board.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)240**

**(Question Serial No. 6468)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

- (1) Regarding the grading confirmation of historic buildings, how many items are still pending? How long will it take to complete the related work?
- (2) Did the Antiquities Advisory Board (AAB) note and agree on the alteration, addition and demolition of all graded historic buildings for the past two years? How many cases were involved? If not, why was AAB not being notified or consulted?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 399)

Reply:

- (1) As at March 2015, AAB has finalised the grading of 1 307 buildings, including 1 241 from the original list of 1 444 buildings and 66 from the list of 208 new items suggested by the public. As the assessment and grading exercise involves a series of processes, including detailed study and research, site inspection, discussions with owners/stakeholders (e.g. seeking clarification on the status of the buildings, handling objections) etc., AAB has adopted a "step-by-step" approach and has not set a specific deadline for the completion of the grading exercise.
- (2) In accordance with the Development Bureau (DEVB) Technical Circular (Works) No. 6/2009, government capital works projects which may affect declared monuments and graded buildings are required to carry out a heritage impact assessment (HIA). AAB will be consulted to comment and advise on the findings of the HIA. In 2013-14 and 2014-15, a total of nine projects which had undergone the HIA process were brought up to the AAB for consultation. As for private development projects, the Buildings Department, the Lands Department and the Planning Department will alert the Commissioner for Heritage's Office of the DEVB and the Antiquities and Monuments Office on any demolition of, or alterations to, monuments/proposed monuments or graded buildings/buildings proposed to be graded that have been brought to

departments' attention through applications and enquiries received as well as regular inspections. AAB will then be alerted as appropriate.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)241**

**(Question Serial No. 6472)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the discovery of relics/archaeological features/archaeological sites during construction, how many reports were received by the Antiquities Advisory Board (AAB) in the past two years? Please give the number of occasions where construction works were halted pending site visits or recommendations of AAB. Please list the details of such cases. If there are cases where notification is not received or site visits not arranged for AAB, what would be the reasons? Will the Government review the existing notification mechanism so that AAB could advise on more items? If so, what are the details? If not, what are the reasons?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 720)

Reply:

Since 2012, the notification system for reporting archaeological discoveries to AAB has been enhanced. In addition to reporting archaeological discoveries to AAB through progress reports, site visits and presentations, the Antiquities and Monuments Office (AMO) would submit the relevant sections on archaeology in Environment Impact Assessment Reports to AAB. Furthermore, once AMO has been notified of archaeological discoveries identified through development projects and has completed preliminary assessment on the heritage value of such discoveries, AMO would inform AAB as soon as possible before informing the project proponent/archaeologist concerned of the agreed preservation method.

In the past two years, a total of seven reports on archaeological findings identified in the course of construction works have been reported to AAB by AMO under the enhanced notification system. Of these seven cases, there are two and five cases related to water mains work and the Shatin to Central Link respectively. Regarding the Shatin to Central Link, AAB was fully apprised of the discovery of significant Song-Yuan archaeological remains at the works site of To Kwa Wan Station. In particular, AMO submitted to AAB

three briefs and eight briefs on the progress of the archaeological work on the site in 2013 and 2014 respectively. AAB was also apprised of and consulted on the conservation of the archaeological finds at its five meetings in 2013 and 2014. Furthermore, a few site visits were arranged for AAB members to understand the archaeological discoveries and the corresponding conservation methods. The process to consult AAB on archaeological discoveries may have bearing on the time frame of the projects concerned.

The enhanced notification system has been operating smoothly in providing AAB with an early opportunity to be kept informed of major archaeological discoveries so that AAB can render advice as appropriate.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)242**

**(Question Serial No. 6479)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

As of February 2013, the grading of 175 of the total 1 444 historic buildings had not yet been confirmed. Among them, 58 are military sites and structures managed by the People's Liberation Army (PLA). Has the Antiquities and Monuments Office (AMO) discussed their grading with the Hong Kong Garrison of the PLA via the Security Bureau in the past year? What are the details? What is the progress of the grading assessment of the 58 historic buildings? If the related work is not yet completed, please provide specific information on follow-up actions to be taken by AMO in the coming year.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 721)

Reply:

In accordance with the established mechanism, AMO has been discussing with relevant parties including PLA to exchange views on the grading assessment of the 58 military items. The grading exercise will be conducted taking into account the discussions.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)243**

**(Question Serial No. 5829)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Please provide information on the maintenance and related conservation costs incurred by the grading of historic buildings for the past five years. Please provide a detailed breakdown of these conservation-related costs and state the expenditure involved. How many graded historic buildings were involved? What is the estimated expenditure on the conservation of graded historic buildings for the coming year? How many buildings will be involved?

Asked by: Hon CHEUNG Chiu-hung, Fernando (Member Question No. 209)

Reply:

Under the Financial Assistance for Maintenance Scheme (FAS) launched by the Development Bureau (DEVB) since 2008, owners of privately-owned graded historic buildings can apply for financial assistance to repair and maintain their properties. The ceiling for each application approved is \$1 million with payment made on a reimbursement basis. The expenditure under FAS in the past five years is detailed as follows -

<b>Years</b>	<b>Expenditure (\$ million)</b>
2010-11	3.788
2011-12	2.826
2012-13	3.913
2013-14	4.876
2014-15	4.500 (Estimated)

The estimated expenditure for providing financial assistance under FAS in 2015-16 is around \$4.8 million.

Since launching FAS in 2008, DEVB has approved 48 applications for repair and maintenance of privately-owned graded historic buildings. Seven applications are being processed and it is anticipated that they may be approved in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)244**

**(Question Serial No. 6867)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

Regarding the restoration, repair and maintenance projects for historic buildings, structures and sites completed in the past three years or to be completed in the coming year, what are the provisions for these projects as well as the details and the dates of commencement and completion of the works?

Asked by: Hon CHEUNG Kwok-che (Member Question No. 693)

Reply:

The Development Bureau has launched the Financial Assistance for Maintenance Scheme (FAS) since 2008 under which owners of privately-owned graded historic buildings can apply for financial assistance to repair and maintain their properties. Each approved application will be given a grant of not more than \$1 million with payment made on reimbursement basis. The vote for FAS is controlled by the Leisure and Cultural Services Department under Head 95.

Projects completed in the past three years (2012-13 to 2014-15) and projects expected to be completed under FAS in 2015-16 are set out at the **Annex**.



**Projects completed/expected to be completed under  
the Financial Assistance for Maintenance Scheme (2012-13 to 2015-16)**

**A. Projects completed in the past three years (2012-13 to 2014-15)**

<b>Name of Building</b>	<b>Scope of Work</b>	<b>Works Commencement Date</b>	<b>Works Completion Date</b>	<b>Approved Amount (\$)</b>
Tin Hau Temple, Kam Tin, Yuen Long	Restoration of the roof and external walls	September 2010	May 2012	985,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long	Restoration of the roof and upgrading of electrical system	January 2012	June 2012	1,000,000
Kau Yan Church, Sai Ying Pun	Restoration of the roof	March 2012	October 2012	1,000,000
Tsang's Ancestral Hall, Chun Lung Village, Tsuen Wan	Restoration of the roof, walls, floor, doors, plaques and murals	May 2012	November 2012	950,000
Leung Ancestral Hall, Tai Po	Restoration of the roof, walls, floor, doors and ancestral altars	October 2012	February 2013	1,000,000
Lim House, Shap Pat Heung, Yuen Long	Restoration of the roof, walls, doors, windows and balconies	December 2012	April 2013	1,000,000
Hung Shing Temple, Ping Shan, Yuen Long, Phase II	Restoration of the roof and wall at the entrance hall and main hall	March 2013	July 2013	1,000,000
Jamia Mosque, Sheung Wan, Phase II	Installation of new waterproofing system at the roof	March 2013	July 2013	950,000
Kau Yan Church, Sai Ying Pun, Phase II	Repair of the spalling concrete	July 2013	November 2013	1,000,000

<b>Name of Building</b>	<b>Scope of Work</b>	<b>Works Commencement Date</b>	<b>Works Completion Date</b>	<b>Approved Amount (\$)</b>
Earth God Shrine, Sheung Shui	Restoration of the walls and ground slab of the shrine	November 2013	December 2013	390,000
Kowloon Union Church, Jordan	Upgrading of the storm water and waste water systems	August 2012	July 2014	1,000,000
Tin Hau Temple, Kam Tin, Yuen Long, Phase II	Restoration of the eaves boards and granite plaque	August 2013	July 2014	980,000
Holy Trinity Cathedral, Kowloon City	Restoration of the higher roof	September 2013	July 2014	958,000
Entrance gate of Mong Tseng Wai, Yuen Long	Restoration of roof, walls, floors and upgrading of electrical system	June 2014	October 2014	789,000
Holy Spirit Seminary, Wong Chuk Hang	Installation of new waterproofing system at roof	September 2014	December 2014	999,960
Tin Hau Temple, Lam Tsuen, Tai Po	Restoration of roof	July 2014	January 2015	1,000,000
Tao Fong Shan Christ Temple, Shatin	Paint works to door, windows, timber structures, internal and external walls, cracks repair at exterior circular columns	January 2015	February 2015	931,420

#### **B. Projects expected to be completed in 2015-16**

<b>Name of Building</b>	<b>Scope of Works</b>	<b>Works Status</b>	<b>Approved Amount (\$)</b>
No. 8 San Lau Street, Sha Tau Kok	Restoration of roof, structural repair to slab and beam	In progress	1,000,000

<b>Name of Building</b>	<b>Scope of Works</b>	<b>Works Status</b>	<b>Approved Amount (\$)</b>
Tin Hau Temple, Fung Chi Tsuen, Yuen Long	Restoration of roof of Gate house, Main Hall and Incense Pavilion	In progress	1,000,000
First Church of Christ Scientist, Mid-levels	Restoration of roof and drainage system of Church building, cracks repair and repaint to the exterior and interior wall	In progress	1,000,000
Yuen Kwan Tei Temple, Mong Tseng Wai, Yuen Long	Restoration of roof of Main Hall and Incense Pavilion	To be carried out	1,000,000
Ip Ancestral Hall, Lin Ma Hang Tsuen, Sha Tau Kok	Restoration of the roof, walls, entrance door, timber cockloft and the shrine, and remove the concrete eaves and purlins	To be carried out	1,000,000
Tat Yan Study Hall, Shan Ha Tsuen, Yuen Long (Phase II)	Restoration of roof and shrine	To be carried out	810,000
71 San Wai Tsuen, Yuen Long	Repair and waterproofing works on the roof and related drainage rectification works and other maintenance works	To be carried out	390,000
Lai Mansion, Lai Uk Tsuen, Pat Heung, Yuen Long	Restoration of roof of entrance hall; Repair roof ridges and other maintenance works	To be carried out	1,000,000

- End -

**CONTROLLING OFFICER'S REPLY****DEVB(W)245****(Question Serial No. 6868)****Head:** (95) Leisure and Cultural Services Department**Subhead (No. & title):** (694) Archaeological excavations (block vote)**Programme:** (3) Heritage and Museums**Controlling Officer:** Director of Leisure and Cultural Services (Ms Michelle LI)**Director of Bureau:** Secretary for Development**Question:**

What are the project names, locations and duration of the archaeological surveys and excavations conducted in the past three years (i.e. from 2011-12 to 2013-14) and expected to be conducted in the coming year (i.e. 2014-15)? What are the respective expenditures involved?

**Asked by:** Hon Cheung Kwok Che (Member Question No. 694)**Reply:**

The Antiquities and Monuments Office (AMO) under the Leisure and Cultural Services Department (LCSD) conducts archaeological surveys and excavations necessitated by small-scale development projects such as housing development in the New Territories. The number of archaeological surveys and excavations carried out and the expenditure incurred in a particular year depend on the number of small-scale development projects that necessitate archaeological excavations. The total expenditures incurred in this respect in the past three years are listed below -

<b>Year</b>	<b>No. of archaeological surveys and excavations arising from small-scale development projects</b>	<b>Districts</b>	<b>Expenditure (\$'000)</b>
2012-13	12	Tuen Mun, Yuen Long, Sai Kung and Islands	881
2013-14	8	Sai Kung and Islands	733
2014-15	10	Tai Po, Sai Kung, Tuen Mun and Islands	881 (Estimated)

As the surveys and excavations are carried out with the support of service contractors engaged by AMO under several service contracts, LCSD is unable to provide a breakdown of the expenditure for the individual surveys/excavations.

It is anticipated that nine archaeological surveys and excavations necessitated by small-scale development projects in Tuen Mun, Sai Kung, Islands and Yuen Long districts will be arranged in 2015-16 at an estimated expenditure of \$880,000.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)246**

**(Question Serial No. 3323)**

Head: (95) Leisure and Cultural Services Department

Subhead (No. & title): Not specified

Programme: (3) Heritage and Museums

Controlling Officer: Director of Leisure and Cultural Services (Ms Michelle LI)

Director of Bureau: Secretary for Development

Question:

When will the Government provide details of the daily maintenance programmes for the conservation of various abandoned military facilities of World War II in the Southern District and conduct studies on their revitalisation plans? What is the estimated expenditure involved?

Asked by: Hon TO Kun-sun, James (Member Question No. 66)

Reply:

The Antiquities and Monuments Office has commissioned a study to survey the military structures and relics in Hong Kong which came into being from the 1840s to World War II to help understand their heritage value and formulate appropriate measures for their conservation. Phase I of the study, which focuses on those on Hong Kong Island, has just been completed. The expenditure incurred in 2014-15 is \$90,000. The estimated expenditure for the conservation of the military structures in the Southern District will be worked out after the conservation plan is finalised.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)247**

**(Question Serial No. 4942)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not Specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

How effective are the Total Water Management Strategy implemented by the Government at present, and its mainlaying works in association with the replacement of fresh water with salt water supply for flushing?

It is noted that more cost effective desalination technologies have emerged in the market. Some local businessmen have even invested in the desalination technology of Israel. Will the Government adopt the new technologies in the construction of the desalination plant?

Asked by: Hon CHAN Chi-chuen (Member Question No. 235)

Reply:

Under the Total Water Management (TWM) strategy promulgated in 2008, we have been implementing a number of water demand and supply management measures. Water demand management measures include expanding the salt water supply network for flushing, enhancing water leakage control including replacement and rehabilitation of aged water mains, and stepping up water conservation initiatives. Water supply management measures include carrying out studies on new water resources such as seawater desalination and water reclamation.

We have completed the construction of the salt water flushing supply system in Pokfulam and the north-western New Territories and will carry out the conversion of flushing supply to consumers in these districts from fresh water to salt water in stages such that the overall coverage of the salt water supply network would increase from 80% to 85%. The programme to replace and rehabilitate aged water mains, which is expected to further reduce the water mains leakage rate to 15% by 2015, will be substantially completed this year. We have also completed technical studies including water quality standard and the pilot test for production of reclaimed water using treated effluent of the Shek Wu Hui sewage

treatment works for flushing and other non-potable uses in the north-eastern part of the New Territories. We have started planning of the infrastructure and target to commence the supply of reclaimed water starting from 2022. We have largely completed the planning and investigation study for the construction of a desalination plant in Tseung Kwan O (TKO). We plan to seek funding in 2015 for the review of the latest desalination technology, detailed design and associated site investigation works for the first stage of the proposed desalination plant with output capacity of 135 000 cubic metres per day with a view to commencing its operation in 2020.

We commenced a consultancy study for the review of the TWM Strategy in October 2014 for completion by mid 2017. The study is to review the TWM Strategy promulgated in 2008 including the water demand and supply management measures implemented, to formulate an updated strategy and to recommend new initiatives to strengthen our resilience and preparedness against uncertainties and challenges.

During the design stage of the proposed desalination plant at TKO, we will look into details of various options of reducing the cost of desalination. We will adopt the latest state-of-the-art desalination technology as appropriate including optimal pre-treatment process, thinner membrane, larger sized reverse osmosis modules and advanced recovery system for greater energy efficiency.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)248**

**(Question Serial No. 7081)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: Not specified  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Please tabulate the amounts of water consumption of the Government Secretariat, Government offices and departmental buildings in the past 3 years. Does the Government intend to take any measures to reduce unnecessary water consumption?

Asked by: Hon CHAN Chi-chuen (Member Question No. 176)

Reply:

The total water consumption of government facilities (including offices, swimming pools, sports centres, parks, prisons, etc.) in 2012, 2013 and 2014 was maintained at a steady level of about 41 million cubic metres (mcm) each year. Amongst others, the water consumption of the Central Government Offices in the three years was 0.026 mcm, 0.028 mcm and 0.026 mcm respectively.

The Water Supplies Department (WSD) has been implementing software and hardware measures for enhancing the water use efficiency in government facilities.

On the software side, WSD has completed water efficiency audit (WEA) studies with the Leisure and Cultural Services Department (LCSD) and the Food and Environmental Hygiene Department (FEHD) and will continue the WEA study with the Correctional Services Department (CSD) in the coming year. WSD has issued the best water-using guidelines to LCSD and FEHD and will issue similar guidelines to CSD upon completion of the WEA study.

For the hardware measures, WSD has completed retrofitting works to replace about 51 500 plumbing appurtenances with water saving devices in 630 government facilities and schools. WSD has also commenced a plan to install about 100 000 flow controllers onto existing taps and showers in other government facilities and schools.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)249**

**(Question Serial No. 3525)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

According to Programme 1, the water main leakage rate reached 16% in 2014. What were the reasons? Please tabulate the quantities of fresh water leakage in cubic metres by 18 districts. The Government has proposed the establishment of Water Intelligent Network to improve the above problem. What are the progress, details and expenditure involved?

Asked by: Hon CHAN Hak-kan (Member Question No. 56)

Reply:

With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints. Leakages for individual districts are not available as the measurement of the leakage of our water supply network is not district based.

The Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will make use of the some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractor to set

up DMAs is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full implementation of WIN.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)250**

**(Question Serial No. 3904)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

In the summer last year, several water main burst incidents had occurred in areas near Wo Yi Hop Road, affecting the traffic of that district. In this regard, could the Government advise on whether it will consider replacing the aged water mains in that district; if yes, the manpower, expenditure and details involved; and if no, the reasons for that?

Asked by: Hon CHAN Han-pan (Member Question No. 67)

Reply:

The 15-year Replacement and Rehabilitation (R&R) of water mains programme has covered the R&R of aged water mains in Kwai Tsing District including areas near Wo Yi Hop Road. Up to February 2015, the progress of the R&R works in Kwai Tsing District is 82% completed with 124 km of water mains replaced or rehabilitated.

The estimated expenditure of the R&R works in Kwai Tsing District in 2014-15 is about \$298 million, of which \$44 million is for the engagement of consultants including the employment of resident site staff for site supervision of the construction works.

- End -

**CONTROLLING OFFICER'S REPLY**

**(Question Serial No. 6028)**

Head: (194) Water Supplies Department

Subhead (No. & title): (000) Operational Expenses

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

- (1) How many cases of underground salt water main bursts have occurred since January 2014? Please list in chronological order these cases by the location of occurrence, cause of the water main burst and damage caused by such burst (e.g. road subsidence).
- (2) Referring to the above question, what are the length of the salt water mains replaced due to water main bursts and the expenditure involved?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 354)

Reply:

- (1) The number of salt water main bursts from 1 January 2014 up to 28 February 2015 is 100. The cause of the water main bursts is commonly due to a confluence of factors, including ageing of water mains, ground settlement or upheaval and external loading or vibration. The main consequences of the salt water main bursts are interruption of flushing water supply and traffic whilst road subsidence might occur in isolated cases. The information of the salt water main bursts in chronological order on location, interruption of flushing water supply and traffic is shown in the table below:

No.	Date	Location	Flushing Water Supply Interrupted (Y/N)	Traffic Interrupted (Y/N)
1	Jan 2014	Kansu Street Near Ferry Street	Y	Y
2		Tai Wing Avenue No.3	Y	N
3		Chung Nga Road, Tai Po	Y	N
4	Feb 2014	Sheung Yuet Road Near Wang Tai Road	N	N

No.	Date	Location	Flushing Water Supply Interrupted (Y/N)	Traffic Interrupted (Y/N)
5		Wong Tai Sin Road Near Shatin Pass Road	Y	Y
6		To Kwa Wan Road Near Lok Shan Road	N	Y
7		J/O Tai Wo Road and Yuen Shin Road, Tai Po	Y	N
8	Feb 2014	Pine Tree Hill Road No.7	Y	N
9		Ting Kok Road Near Ha Hang Government Staff Quarters, Ha Hang	Y	N
10		C/W of Pak Wan Street J/O Pak Tin Street	Y	Y
11	Mar 2014	Connaught Road Central J/O Pottinger Street (C/W)	Y	Y
12		C/W of Beech Street Near Ivy Street	Y	Y
13		Nam Wan Road Near L/P N8858	Y	N
14		Cha Kwo Ling Road Near Yau Tong Road	Y	Y
15		Austin Road Near Temple Street	Y	Y
16		Tai Ha Street Near L/P FA4792, Kwai Chung	Y	Y
17	Apr 2014	Container Port Road Near Kwai Fung Crescent, Kwai Chung	Y	Y
18		F/P Chik Wan Street, Tai Wai	Y	N
19		C/W Of Castle Peak Road J/O Tonkin Street.	Y	Y
20		Sau Mau Ping Road Near Sau Fung Street	N	N
21		Third Street Near Anthony's Catholic Church	N	Y
22		Fleming Road Near Harbour Road (F/P) Wan Chai	Y	Y
23		100 Texaco Road, Kwai Chung	N	Y
24		May 2014	Kwai Hing Road Near Wo Tong Tsui Street, Kwai Chung	Y
25		Bus Terminus of Chun Shek Estate	Y	N
26		J/O Ting Kok Road and Fung Yuen Road Near L/P AB2816B, Tai Po	Y	N
27		Mei Tin Road, Tai Wai	Y	Y
28		Temple Street Near Hi Lung Lane	Y	Y
29		Fung Shue Wo Road Near L/P W4053, Tsing Yi	N	Y
30		Wang Kwong Road Near Kai Wah Street	Y	Y
31		Pak Tai Street Near Mok Cheong Street	Y	N
32	Jun 2014	Sha Kok Street	Y	Y
33		Kwai Chung Road Near L/P FA6279, Kwai Chung	Y	Y
34		Inside Paul Y Site At Yuk Wah Street Near Tsz Wan Shan Road	Y	N
35		Near L/P N6426, On Pong Road, Tai Po	Y	Y
36		Yuen Chau Kok Road Near Regal Riverside Hotel, Shatin	Y	N
37		39 Tsing Yi Road, Tsing Yi	Y	Y
38		Near Jockey Club Ti-I College Fo Tan	Y	N
39	Jul 2014	Saigon Street Near Ferry Street	Y	Y
40		Connaught Road Central J/O Gilman Street, Central	Y	Y
41		Robinson Road No. 80, Mid-Level, Central	Y	N
42		Sha Tin Centre Street Near Scenery Court and HK Red Cross Bradbury Shatin Centre, Shatin	Y	Y

No.	Date	Location	Flushing Water Supply Interrupted (Y/N)	Traffic Interrupted (Y/N)
43		Hong Ning Road Near Hip Wo Street	Y	Y
44		Che Kung Miu Road Near Hing Keng Estate, Tai Wai	N	N
45		Tsun Yip Street Near Hoi Bun Road	Y	Y
46		Ting Lai Road Near L/P EA7476, Tai Po	Y	Y
47		Wo Yi Hop Road Near L/P FB2893, Kwai Chung	N	Y
48	Aug 2014	Granville Road Near Chatham Road South	Y	Y
49		Mid-Level, No.13-27 & 58-68 Bonham Road	Y	N
50		Po Hong Road F/P Near L/P EB:0185 flower bed, Tseung Kwan O	Y	N
51		Fu Ning Street Near Chi Chun House	Y	Y
52		Wang Kwong Road Near Kai Cheung Road	N	Y
53		Queen Elizabeth Hospital Road Near Gascoigne Road	Y	Y
54		Wai Yip Street Near Siu Yip Street	Y	Y
55		Kwai Fuk Road Near L/P FA9716, Kwai Chung	Y	Y
56		C/W of Tonkin Street Near Cheung Sha Wan Rd.	Y	Y
57		On Wah Street Near On Tak Road	Y	Y
58	Sep 2014	Lei Yue Mun Road Near Lei On Court	Y	Y
59		Po Lam Road Near Po Tat Estate	N	N
60		Tuen Mun Heung Sze Mui Road Near L/P DD0067 Siu Lun Court	Y	Y
61		Wang Kwong Road Near Kai Wah Street	N	Y
62		Queen Elizabeth Hospital Road Near Gascoigne Road of F/P	Y	N
63	Oct 2014	Boundary Street J/O Waterloo Road	Y	N
64		O/S No. 61 Carpenter Road	Y	Y
65		Siu Yip Street J/O Tai Yip Street	Y	Y
66		W/B Carpenter Road Near Hau Wong Road	Y	Y
67		King's Park Rise No.23	Y	N
68	Nov 2014	Wang Kwong Road Near Kai Wah Street	N	Y
69		Cha Kwo Ling Road Near Lei Yue Mun Road	N	Y
70		Ting Kok Road Near Lamp Post DE0234, Tai Po	Y	Y
71		Hoi Bun Road Near Kei Yip Street	Y	Y
72		King's Park Rise No.23	Y	N
73		B/L of 186 Fuk Wing Street	Y	N
74		Tsun Yip Street J/O Hung To Road	Y	Y
75		Near L/P AB2465 Wang Chiu Road	Y	N
76		Kwai Fuk Road Near L/P DC0093, Kwai Chung	Y	Y
77	Nov 2014	Fat Kwong Street Near Chung Hau Street (Site)	Y	N
78	Dec 2014	Yuen Wo Road Near Sha Tin Sports Ground, Shatin	Y	N
79		Kwei Chow Street Near Yuk Yat Street	Y	N
80		Sheung Ning Road Near L/P EA1432, Tseung Kwan O	Y	N



No.	Date	Location	Flushing Water Supply Interrupted (Y/N)	Traffic Interrupted (Y/N)
81		Waterloo Road No.72	Y	N
82		L/P 34972, Chai Wan Road, Chai Wan	Y	Y
83		Near No.12, Dai Kwai Street, Tai Po	Y	N
84		Tung Choi Street No.7	N	Y
85		Siu Yip Street Near Tai Yip Street	Y	N

No.	Date	Location	Flushing Water Supply Interrupted (Y/N)	Traffic Interrupted (Y/N)
86		Dundas Street Near Portland Street	N	N
87		Sheung Yee Road Near Wang Chiu Road	N	Y
88	Jan 2015	Mody Road No.48	Y	N
89		Near L/P N6671, On Po Road, Tai Po	Y	N
90		Mong Kok Road No.39	Y	Y
91		Near No.11 Tsing Yi Heung Sze Wui Road, Tsing Yi	N	N
92		Pak Hoi Street Near Canton Road	Y	Y
93		E/B Choi Hung Road Near Rhythm Garden	Y	Y
94		Near No 31-32, Chui Yi Street, Tai Po	Y	N
95		Opp L/P 26178, Aberdeen Main Road, Aberdeen	Y	N
96		Connaught Road Central Near Gilman Street C/W, Central	Y	Y
97	Feb 2015	Tsun Wen Road Near L/P FB9415	Y	Y
98		Canton Road Near Haiphong Road	Y	N
99		Waterloo Road No.1	Y	Y
100		No.51 Container Port Road, Kwai Chung	Y	Y

- (2) Among these 100 salt water mains bursts, we have replaced about 400m burst salt water mains during urgent repair works and the expenditure is about \$12 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)252**

**(Question Serial No. 6440)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

(1) Please advise on the number of water main burst and leakage cases last year by district in accordance with the demarcation of District Councils, the estimated total quantity of fresh water lost and leakage rate in connection with such incidents, and the expenditure on urgent repairs of these water mains.

(2) What are the details of the work plans and estimated expenditure involved in the implementation of the Total Water Management Strategy for water loss management?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 393)

Reply:

(1) The numbers of water main burst and leakage cases in 2014 by district in accordance with the demarcation of District Councils are tabulated below –

District	Burst	Leakage
Central and Western	5	560
Eastern	3	421
Islands	6	345
Kowloon City	15	553
Kwai Tsing	17	380
Kwun Tong	28	486
North	4	811
Sai Kung	4	670
Sha Tin	18	441

District	Burst	Leakage
Sham Shui Po	6	318
Southern	3	381
Tai Po	16	557
Tsuen Wan	4	417
Tuen Mun	4	484
Wan Chai	4	402
Wong Tai Sin	5	187
Yau Tsim Mong	19	522
Yuen Long	12	1 887
Total	173	9 822

In 2014, the leakage rate of fresh water mains was 16% and the water drained away due to water main bursts was less than 0.02% of the total water supplied. The expenditures on urgent repairs of the above-mentioned water main burst and leakage cases in 2014 were about \$133 million.

(2) The current Replacement and Rehabilitation (R&R) Programme of about 3 000 km of water mains will be substantially completed by the end of 2015 and the estimated expenditure of the works in 2015-16 will be \$2,392 million. To enable continuous monitoring on the health conditions of the water supply networks, the Water Supplies Department (WSD) plans to progressively establish the Water Intelligent Network (WIN) by installation of sensors for setting up District Metering Areas (DMAs) in the water supply networks. There will be about 2 000 DMAs over the entire territory under WIN. WSD will also make use of some 650 existing DMAs for establishment of WIN. A computer system will be put in place to enable intelligent (and where necessary real-time) network performance analysis of the data collected from the sensors for monitoring the conditions of the water supply networks. We will in parallel explore the latest data mining technique in predicting burst of water mains for assisting in the early identification of defective water mains for repair and/or replacement.

In regard to the development of WIN, WSD is conducting studies and trials and will continue to set up DMAs. WSD will also explore the applications of the data mining techniques in predicting burst of water mains using in-house resources at the initial stage. The estimated expenditure for engaging solution providers/equipment vendors to conduct studies and trials and employing contractors to set up DMA is \$150 million in 2015-16. Upon completion of the studies and trials, WSD will ascertain the timetable for the full implementation of WIN.

Prior to the WIN being fully put in place, the existing water supply networks will continue to age and deteriorate and it is still necessary to replace or rehabilitate those aged water mains with higher risk of failure in the interim. As a transitional arrangement, we will continue to identify water mains of higher risk for replacement and rehabilitation in order to sustain the healthiness of the water supply networks. In 2015-16, WSD will commission

consultants to undertake investigation and design for replacement and rehabilitation of 21 km of water mains and the estimated expenditure is about \$4 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)253**

**(Question Serial No. 6441)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (2) Water Quality Control  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

What was the number of complaints on fresh water quality (e.g. strange odour) received from the public by the Water Supplies Department last year? Please provide information on the number of cases, reason for poor quality of fresh water, and follow-up action taken by the Department and the expenditure involved with a breakdown by type of complaints.

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 394)

Reply:

The number of enquiries and complaints on fresh water quality received by the Water Supplies Department last year are tabulated below:

Type	Number of cases	Possible Reasons
Dirty and discoloured water	2 104	(a) Corrosion of water pipes in the complainant's premises or plumbing system of the concerned building; (b) Lack of proper/frequent cleansing of water storage tanks of the concerned building; or (c) After resuming water supply from suspension, the sediments inside water mains may be stirred up resulting in slightly high turbidity in water supply. However, these sediments will not pose risk to health or safety of water supply.

Taste and odour in water	210	<ul style="list-style-type: none"> <li>(a) Lack of proper/frequent cleansing of water storage tanks of the concerned building; or</li> <li>(b) The presence of small amount of residual chlorine in the water supply may sometimes cause taste and odour complaints or enquiries from users. It is necessary to maintain a small amount of residual chlorine in the water supply so as to keep it free from bacteria. It will not pose risk to health and will disappear when the water is boiled.</li> </ul>
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The Department endeavours to deal with all enquiries and complaints on water quality expeditiously by site inspection, investigation, water sampling and testing as appropriate. In 2014, about 250 staff of various ranks (including engineers, inspectors, consumer services inspectors and works supervisors) were involved in dealing with enquiries and complaints on water quality. As they are also responsible for carrying out other work on customer services, there is no separate breakdown of the staff cost for dealing with the enquiries and complaints on water quality. Other expenditure for dealing with the enquiries and complaints on water quality such as the cost of the chemical for testing the water samples is insignificant.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)254**

**(Question Serial No. 6480)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Water Supplies Department has proposed to relocate the Harcourt Road Fresh Water Pumping Station to Hong Kong Park and has engaged a heritage consultant to conduct a heritage impact assessment in this connection. Please provide information on the name of the consultant engaged, the consultant's fee and the work covered by the contract. What is the mechanism for selecting the consultant?

Asked by: Hon CHAN Ka-lok, Kenneth (Member Question No. 722)

Reply:

The consultant of the heritage impact assessment for the project for relocation of Harcourt Road Fresh Water Pumping Station was AGC Design Limited (AGC) and the consultancy fee was \$280,000. The scope of the consultancy included baseline study, impact assessment, development of methodology, mitigation measures and conservation proposal for heritage sites affected by the project. The consultants were selected in accordance with the Stores and Procurement Regulations. The Water Supplies Department identified five consultants who satisfied the basic requirements and they were invited to submit bids. The basic requirements included the consultants having at least five years experience in conducting heritage impact assessment and preparing the associated report(s) for approval by Antiquities Advisory Board, and being an expert in local heritage. The consultancy was awarded to AGC who was the most competitive bidder.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)255**

**(Question Serial No. 4507)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

It is stated in the Indicators under this Programme that the leakage rate of water mains in 2015 is 15%. In this regard, could the Government advise this Committee on the following:

- (1) What were the quantity of fresh water lost due to water main leaks last year, and the amount of expenditure involved?
- (2) What were the operational expenses for handling water main leaks last year?
- (3) If the water main leakage rate is 15%, what will be the quantity of fresh water lost due to leakage, and the amount of expenditure involved?
- (4) What are the estimated expenditures on the operational expenses, staff establishment and annual emoluments of the Leakage Management Section under the purview of the Water Supplies Department in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 105)

Reply:

(1) & (3) With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints and it is not considered appropriate to deduce a cost for the water drained away.



(2) In handling water main leaks, we have been taking a multi-pronged approach including leakage detection, pressure management and implementation of the Replacement and Rehabilitation Programme for water mains which involves an expenditure of \$2,558 million in 2014-15.

(4) In 2015-16, the estimated expenditure (other than staff cost) of the Leakage Management Section is \$15 million. The Section has 63 staff comprising engineers, inspectors and the supporting staff and their annual emoluments are \$22 million in 2015-16.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)256**

**(Question Serial No. 4508)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational Expenses  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

The Government has indicated earlier that it will conduct a study on an upward adjustment of water charges. In this regard, could the Government advise this Committee on the staff establishment for the study on the upward adjustment of water charges and the annual estimated expenditure involved in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 106)

Reply:

The department carried out a review on the water tariff by its internal manpower resources on a sharing basis. The manpower and expenditure in 2015-16 for such purpose cannot be separately identified and estimated.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)257**

**(Question Serial No. 4707)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

In the past years, the quota for Dongjiang water was much higher than the actual consumption of fresh water. In this regard, could the Government advise this Committee on the following:

- (1) What were the annual quantities of fresh water delivered to Hong Kong under the Dongjiang (DJ) water supply agreement and the amounts of actual consumption of fresh water in the past three years?
- (2) What is the estimated quantity of fresh water delivered to Hong Kong under the DJ water supply agreement and the actual consumption of fresh water in 2015-16? What are the reasons for stipulating a water supply quantity which is much higher than the actual consumption when signing the DJ water supply agreement?
- (3) How will the Administration handle unused fresh water which cannot be stored in reservoirs? What was the expenditure involved in handling unused fresh water last year?
- (4) It is understood that the Hong Kong Government determines the water supply quantity in the DJ water supply agreement according to the assessment of the demand for water resources conducted by the Development (2) Division under the purview of the Development Branch of the Water Supplies Department (WSD). Could the Administration advise this Committee on the respective estimates for the major tasks, operational expenses, staff establishment and annual emoluments of the Development (2) Division under the purview of the Development Branch of the WSD in 2015-16?

Asked by: Hon CHAN Wai-yip, Albert (Member Question No. 107)

Reply:

- (1) In the past three years (2012 to 2014), the actual supplied quantities of Dongjiang (DJ) water and the fresh water consumptions are shown in the table below -

Year	Actual supplied quantity of DJ water (million cubic metre)	Fresh water consumption (million cubic metre)
2012	709	935
2013	612	933
2014	724	959

- (2) For DJ water supply from 2015 to 2017, we have procured the water right to import DJ water to meet our actual needs up to 820 million cubic metres (mcm) each year. The actual quantity of DJ water supplied to Hong Kong in 2015-16 will depend on the local yield collected and the water consumption during the year which cannot be ascertained at the moment.

DJ water supply agreements have adopted the “package deal lump sum” approach to ensure a reliable and flexible supply of DJ water to meet the actual needs of Hong Kong. Under this approach, we procure a water right in the form of an annual supply ceiling quantity and we are able to import DJ water as needed up to the ceiling quantity each year. This approach secures a reliable supply of fresh water for Hong Kong and avoids wastage of the DJ water resources. The annual supply ceiling quantity is determined by a detailed analysis with a view to maintaining water supply round-the-clock even under extreme drought condition with a return period of 1 in 100 years. In 2011, the local yield collected was only 103 mcm and we imported 818 mcm DJ water to meet the needs of Hong Kong during the year which was close to the annual supply ceiling quantity of 820 mcm. It should also be noted that the annual supply ceiling quantity is lower than the forecast water consumption as part of the consumption is met by the local yield collected.

- (3) Under the “package deal lump sum” approach, we will only import DJ water as needed each year up to the annual supply ceiling quantity. There was no surplus DJ water and neither overflow nor wastage of DJ water occurred in the past year. Therefore no expenditure was incurred for handling surplus DJ water.
- (4) The major tasks of the Development (2) Division under the purview of the Development Branch of Water Supplies Department in 2015-16 include (a) planning of various water resources including water reclamation and seawater desalination, (b) overseeing the review of the Total Water Management, (c) making long-term water demand forecasts and reviewing consumption characteristics, (d) system planning of water supply networks and formulating system planning proposals into capital works projects for implementation, and (e) conducting opinion surveys on customers and undertaking statistical analysis and research. For 2015-16, the estimated recurrent expenditure of the Division is about \$7 million. Its establishment comprises 40 staff

(mainly professional and technical staff) and the associated annual staff cost is \$27 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)258**

**(Question Serial No. 5332)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

1. What were the specific expenditures on purchasing Dongjiang water and the specific quantities of Dongjiang water purchased in the past 5 years? What were the specific expenditures on treating Dongjiang water in the past 5 years? What were the quantities and values of Dongjiang water discharged into the sea without being used in the past 5 years? What are the estimated expenditure on purchasing Dongjiang water and the estimated quantity of Dongjiang water purchased in 2015-2016? What is the estimated expenditure on treating Dongjiang water?

Asked by: Hon KWOK Ka-ki (Member Question No. 170)

Reply:

In the past five years, we procured the water right to import up to 820 million cubic metres (mcm) of Dongjiang (DJ) water each year and the annual expenditures are shown in the following table -

Year	Expenditure on purchasing DJ water (\$ million)
2010	3,146.00
2011	3,344.00
2012	3,538.70
2013	3,743.30
2014	3,959.34

In the past five years, there was neither discharge nor overflow of DJ water into the sea.

We have procured the water right to import up to 820 mcm of DJ water each year under the

new DJ water supply agreement for 2015 to 2017. In 2015 and 2016, the estimated expenditures on purchasing DJ water will be \$4,222.79 million and \$4,491.52 million respectively.

The inflow to water treatment works include both the locally collected fresh water and DJ water. We do not have separate breakdown on the expenditure for treating DJ water.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)259**

**(Question Serial No. 5366)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Please advise on the Government expenditures on and prices for purchasing Dongjiang (DJ) water in the past 5 years; the Government expenditure on and price for purchasing DJ water in 2015-2016; the expiry date of the current contract for purchasing DJ water; whether the Government holds regular discussions with the Mainland on the quantity and price of DJ water purchased, and if yes, the details.

Asked by: Hon KWOK Ka-ki (Member Question No. 185)

Reply:

In the past five years, the prices and expenditures on purchasing Dongjiang (DJ) water are shown in the following table -

Year	Price and expenditure on purchasing DJ water (\$ million)
2010	3,146.00
2011	3,344.00
2012	3,538.70
2013	3,743.30
2014	3,959.34

For 2015 and 2016, the prices and expenditures on purchasing DJ water will be \$4,222.79 million and \$4,491.52 million respectively.

The current agreement on the supply of DJ water is from 2015 to 2017. It is due to expire at the end of 2017. We will usually conduct negotiation with the Guangdong authorities



on the water quantity and price of DJ water to be purchased under the new agreement about one year before the expiry of the current agreement.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)260**

**(Question Serial No. 6103)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Had the Government conducted any studies on the construction of desalination facilities in the past five years? If yes, what were the details and specific expenditures? What is the estimated expenditure on the study of the construction of desalination facilities in 2015-2016? If the study findings show that the cost of seawater desalination is lower than that of purchasing Dongjiang water, will the Government review the sources of water supply in Hong Kong and construct the desalination facilities immediately?

Asked by: Hon KWOK Ka-ki (Member Question No. 202)

Reply:

The Water Supplies Department (WSD) engaged a consultant to carry out a planning and investigation study for the construction of a desalination plant in Tseung Kwan O (TKO). The study commenced in December 2012 and is now largely completed. The study has confirmed the technical feasibility including the environmental viability of the project. The 2014-15 Revised Estimate and the 2015-16 Original Estimate of the project are at \$15.723 million and \$5.074 million respectively.

The estimated unit water production cost of the proposed desalination plant is about \$12-13 per cubic metre (m<sup>3</sup>) (at 2013 price level) which is higher than the unit water production cost using Dongjiang water at \$8.6 per m<sup>3</sup> (at 2013-14 price level). Nevertheless, it is necessary for us to develop the alternative water resource of seawater desalination which is not susceptible to climate change to safeguard the water security. We plan to seek funding in 2015 for the review of the latest desalination technology, detailed design and associated site investigation works for the first stage of the proposed desalination plant in TKO with output capacity of 135 000 m<sup>3</sup> per day with a view to commencing operation of the plant in 2020.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)261**

**(Question Serial No. 3956)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding water supply and water resources management, will the Government advise on:

1. The annual expenditures, quantities and price increases in connection with the purchase of Dongjiang water from the Chinese Government in the past 5 years; and
2. The quantities of fresh water discharged to the sea due to overflow from reservoirs in the past 5 years with breakdown by reservoir?

Asked by: Hon LEUNG Kenneth (Member Question No. 4.24)

Reply:

1. In the past five years (2010 to 2014), we have procured the water right to import Dongjiang (DJ) water to meet our actual needs up to 820 million cubic metres each year. The annual expenditures for purchase of DJ water and the price increases are shown in the following table -

Year	Expenditure on purchasing DJ water (\$ million)	Percentage increase in water price (%)
2010	3,146.00	-
2011	3,344.00	6.3%
2012	3,538.70	5.8%
2013	3,743.30	5.8%
2014	3,959.34	5.8%

2. The quantities of overflow from reservoirs\* from 2010 to 2014 are as follows -

Year	Overflow quantity from reservoir/reservoir group (million cubic metre)								
	Aberdeen	Kowloon	Shek Pik	Tai Tam	Tai Lam Chung	Lower Shing Mun	Plover Cove	High Island	Total
2010	3.7	4.0	5.5	11.8	0	0	0	0	25.0
2011	0.3	0.0	0	0	0	0	0	0	0.3
2012	1.3	1.6	0.9	10.0	1.6	0	0	0	15.4
2013	3.3	5.2	15.7	15.4	0.6	0	0	0	40.2
2014	4.0	2.3	0	12.9	3.9	0	0	0	23.1

Note:

\* We have not measured the overflow at Pok Fu Lam Reservoir due to its very small capacity (only contributing 0.03% of the total reservoir capacity in Hong Kong).

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)262**

**(Question Serial No. 3707)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

The aim of the Water Supplies Department is to plan and develop water resources and to design, construct, maintain and operate water supply systems in order to provide round-the-clock supplies throughout the year to meet the demands of the territory.

However, there is frequent occurrence of bursting of old fresh water mains aged over 20 to 30 years in many developed areas of the Kowloon District due to the ageing problem, causing road subsidence and flooding, and in turn resulting in disruptions to the traffic and damages to the property of the public. In this regard, I demand the Water Supplies Department to provide the details of the bursting of fresh water mains and salt water mains for flushing in the Kowloon West District (including Sham Shui Po, Yau Tsim Mong and Kowloon City) in the past 3 years using the table below.

Date and time	Location	Duration (hours)	Type of pipe (fresh water / salt water for flushing)	Age of water mains	Are there any claims made by the public / commercial tenants due to sewer bursting; if yes, what is the amount of claims?	Estimated date of next comprehensive replacement of the pipe involved

Asked by: Hon MO Claudia (Member Question No. 57)

**Reply:**

There are a total of 175 water main burst cases in Sham Shui Po, Yau Tsim Mong and Kowloon City districts over the past three years (2012-13, 2013-14 and 2014-15 up to February 2015) as detailed below -

No.	Date and Time	Location	Duration of Water Supply Interruption (hr)	Type of Water Main	Age of Water Main (see note 1)	Included in R&R (Y/N) (see note 2)
1	3/4/2012 5:58	Princess Margaret Road near Pui Ching Road	7.75	FRESH	Unknown	Y
2	10/4/2012 15:16	Chung Hau Street near King's Park F/W S/R	7.75	SALT	Unknown	Y
3	12/4/2012 3:19	Austin Road No.103 C/W	23.25	SALT	27	Y
4	24/4/2012 2:54	Mong Kok Road near Nathan Road	15.5	SALT	Unknown	Y
5	27/4/2012 10:54	Site Tai Nan West Street near Cheung Sha Wan Road	1.58	FRESH	Unknown	Y
6	8/5/2012 13:30	F/P of 10 Cheung Yee Street	5.42	FRESH	Unknown	Y
7	8/5/2012 14:40	C/W of Cheung Yee Street near Tai Nam West Street	9.75	FRESH	Unknown	Y
8	16/5/2012 0:49	Mong Kok Road near Portland Street	Not affected	SALT	Unknown	Y
9	27/5/2012 19:21	B/L of 353-355 Castle Peak Road	0.97	FRESH	3	Y
10	1/6/2012 1:57	Shek Kip Mei Street near Woh Chai Street L/P AF3592	4.5	FRESH	Unknown	Y
11	1/6/2012 12:23	C/W of Tonkin Street near Un Chau Street	45.5	SALT	42	Y
12	2/6/2012 14:31	Site of Tai Kok Tsui Road near Ivy Street	7.55	SALT	Unknown	Y
13	4/6/2012 3:24	Fat Tseung Street near The Sparkle	19.5	SALT	Unknown	Y
14	5/6/2012 5:02	Mong Kok Road near Nathan Road	Not affected	FRESH	Unknown	Y
15	5/6/2012 5:02	Mong Kok Road near Nathan Road	Not affected	SALT	Unknown	Y
16	5/6/2012 16:25	Changsha Street B/L of No.30	3.75	SALT	2	Y
17	6/6/2012 4:04	C/W of Lai Fat Street near Fat Cheung Steet	7.48	FRESH	24	N
18	8/6/2012 6:47	C/W 163 Hai Tan Street	Not affected	FRESH	Unknown	Y
19	8/6/2012 13:56	C/W of 205 Castle Peak Road	26.17	SALT	Unknown	Y
20	13/6/2012 2:13	Tong Mi Road near Lai Chi Kok Road	Not affected	SALT	Unknown	Y
21	13/6/2012 4:21	C/W 157 Tai Kok Tsui Road	17.5	SALT	Unknown	Y
22	13/6/2012 6:44	Argyle Street near Luen Wan Street	6.33	FRESH	Unknown	Y
23	17/6/2012 23:13	Waterloo Road No.68	2.42	SALT	30	Y
24	21/6/2012 11:25	Pitt Street No.1	3.08	SALT	21	N
25	29/6/2012 1:17	C/W 75 Tai Po Road	Not affected	FRESH	25	Y
26	30/6/2012 16:54	C/W of Nam Cheong Street near Chak On Estate	15.17	SALT	Unknown	Y
27	1/7/2012 4:28	Mong Kok Road J/O Sai Yee Street	16.5	SALT	Unknown	Y
28	9/7/2012 4:12	Kansu Street J/O Woo Sung Street	12.75	SALT	Unknown	Y
29	20/7/2012 18:01	38 Chi Kiang Street	5.75	FRESH	Unknown	Y
30	30/7/2012 14:49	O/S Beacon Hill Intermediate Level FW/SR	7.17	SALT	11	N
31	1/8/2012 13:07	17 Mok Cheong Street	6.25	FRESH	Unknown	Y
32	7/8/2012 16:21	Tak Man Street near Man Tai Street	5.5	FRESH	Unknown	Y
33	10/8/2012 1:36	Hillwood Road No.23 C/W	12	SALT	Unknown	Y
34	14/8/2012 9:05	9, Shung King Street	2.42	FRESH	26	N
35	31/8/2012 3:48	Fu Ning Street near Shing Tak Street	9.17	SALT	Unknown	Y
36	5/9/2012 16:53	Tai Nan West Street near Cheung Shun Street	11.5	FRESH	Unknown	Y
37	5/9/2012 16:54	Tai Nan West Street near Cheung Shun Street	Not affected	SALT	Unknown	Y
38	10/9/2012 6:12	Fu Ning Street No.21	5	FRESH	Unknown	Y
39	20/9/2012 16:32	F/P of Tong Yam Street near Ample Building	2	SALT	Unknown	Y
40	23/9/2012 14:40	C/W of Lai Fat Street near Lai Hong Street	14.08	SALT	25	N
41	29/9/2012 19:50	Slope of Caritas Medical Centre near Wai Chun Block	21.1	SALT	Unknown	Y
42	11/10/2012 18:34	O/S of No. 59-65, Beacon Hill Road	4.92	SALT	4	Y
43	17/10/2012 9:12	Winslow Street near Chatham Road North (MTR Site)	Not affected	FRESH	Unknown	Y
44	17/10/2012 15:34	Beacon Hill Intermediate Level Salt Water S/R	4.75	SALT	10	Y
45	28/10/2012 7:06	Lancashire Road O/S House No.32 near La Salle Road	Not affected	SALT	Unknown	Y
46	1/11/2012 22:44	5 Lok Shan Road	Not affected	SALT	13	N
47	7/11/2012 5:31	F/P of Woh Chai Street near Nam Cheong Street	6.5	SALT	Unknown	Y
48	8/11/2012 11:44	Bowring Street near Pilkem Street F/P	10.33	SALT	25	N
49	12/11/2012 12:15	Fat Tseung Street near Cheung Sha Wan Road	19.42	SALT	42	Y
50	16/11/2012 9:48	Site of C/W Nam Cheong Street near Lai Chi Kok Road	Not affected	SALT	Unknown	Y
51	19/11/2012 6:54	Cameron Road No.60	6.5	FRESH	Unknown	Y
52	21/11/2012 8:43	Chung Hau Street No.55	9.5	SALT	Unknown	Y
53	21/11/2012 12:59	C/W of Verbena Road near Peony Road	4.37	FRESH	26	Y
54	28/11/2012 14:41	Jordan Road (XRL Site, 811B)	Not affected	FRESH	Unknown	N
55	5/12/2012 3:16	Ko Shan Road near Kiang Hsi Street	Not affected	FRESH	Unknown	Y
56	10/12/2012 5:47	C/W of Nan Cheong Street near Yee Kuk Street	15.17	SALT	Unknown	Y
57	12/12/2012 2:23	Cheung Shun Street near Cheung Sha Wan Plaza	10.58	SALT	Unknown	Y
58	14/12/2012 20:26	Fat Kwong Street near Sheung Foo Street	Not affected	SALT	Unknown	Y
59	20/12/2012 14:47	42 Tak Man Street	3.25	FRESH	Unknown	Y
60	23/12/2012 8:03	C/W of Tonkin Street near Po On Road	36.28	SALT	Unknown	Y

No.	Date and Time	Location	Duration of Water Supply Interruption (hr)	Type of Water Main	Age of Water Main (see note 1)	Included in R&R (Y/N) (see note 2)
61	24/12/2012 10:17	Princess Margaret Road near Pui Ching Road	25.58	SALT	Unknown	Y
62	28/12/2012 6:11	C/W of King Lam Street near Tai Nan West Street	7.58	SALT	Unknown	Y
63	8/1/2013 16:05	Hung Hom Road near Fat Kwong Street	Not affected	SALT	12	N
64	18/1/2013 11:58	O/S No. 140 Junction Road	7.75	SALT	26	N
65	31/1/2013 5:04	C/W of Pei Ho Street near Tai Po Road	18.83	SALT	26	Y
66	6/2/2013 5:22	Bulkeley Street near Kun Yam Street	Not affected	SALT	Unknown	Y
67	6/2/2013 12:59	Ma Tau Wai Road near Lok Shan Road	Not affected	SALT	20	Y
68	22/2/2013 2:13	Ma Tau Wai Road near Fat Kwong Street	9.42	SALT	25	Y
69	4/3/2013 21:13	Gascoigne Road J/O Jordan Road	13.25	SALT	26	N
70	6/3/2013 5:37	Kwun Chung Street / Bowring Street	6.42	SALT	Unknown	Y
71	20/3/2013 4:43	Mok Cheong Street near Tam Kung Road, To Kwa Wan	9.5	FRESH	Unknown	Y
72	20/3/2013 4:43	Mok Cheong Street near Tam Kung Road, To Kwa Wan	10	SALT	Unknown	Y
73	24/3/2013 21:05	Tak Shing Street near Cox's Road	14.33	SALT	23	N
74	25/3/2013 0:06	No. 193, Tai Kok Tsui Road, Kowloon.	Not affected	FRESH	Unknown	Y
75	28/3/2013 4:41	Kansu Street J/O Woo Sung Street, Yau Ma Tei, Kowloon	8.75	SALT	Unknown	Y
76	8/4/2013 17:13	Lung Cheung Road near PH(S)2379	Not affected	FRESH	Unknown	Y
77	12/4/2013 3:33	Ma Tau Chung Road near Mok Cheong Street	10.17	SALT	Unknown	Y
78	17/4/2013 10:23	Luen Wan Street near Argyle Street	6.5	FRESH	Unknown	Y
79	21/4/2013 5:39	Canton Road No.178	6.58	FRESH	28	Y
80	22/4/2013 4:36	Hereford Road near Cambridge Road	14.33	SALT	Unknown	Y
81	10/5/2013 20:50	Slope at No.10 Beacon Hill Road, Kowloon Tong.	14	FRESH	30	Y
82	13/5/2013 10:52	No.242 Argyle Street near Stirling Road	Not affected	FRESH	Unknown	Y
83	19/5/2013 5:59	Queen Elizabeth Hospital Path near Gascoigne Road	4	SALT	62	Y
84	29/5/2013 6:09	XRL Site CC820, Yuet Lun Street, Lai Chi Kok.	2.77	FRESH	Unknown	Y
85	30/5/2013 21:10	C/W of 157 Kweilin Street	Not affected	SALT	Unknown	Y
86	3/6/2013 14:02	Tak Ting Street near Tak Hong Street	Not affected	SALT	14	N
87	6/6/2013 16:12	C/W of Cheung Yee Street near Tai Nan West Street	Not affected	FRESH	Unknown	Y
88	8/6/2013 6:44	Fu Ning Street near Argyle Street	6.25	SALT	Unknown	N
89	9/6/2013 6:36	C/W of Lai Chi Kok Road near Maple Street	Not affected	SALT	Unknown	Y
90	10/6/2013 3:01	Argyle Street near Sai Yee Street	Not affected	FRESH	Unknown	Y
91	10/6/2013 3:19	Fat Kwong Street near Shung Shing Street	15.92	SALT	Unknown	Y
92	11/6/2013 8:18	B/L of 191-203 Cheung Sha Wan Road	3.37	FRESH	7	Y
93	16/6/2013 19:33	C/W of 7-19 Bedford Road	6.5	FRESH	Unknown	Y
94	17/6/2013 8:04	C/W of 127 Cheung Sha Wan Road	Not affected	FRESH	Unknown	Y
95	18/6/2013 13:44	Chatham Road South near Observatory Road	10.75	SALT	Unknown	Y
96	26/6/2013 11:01	Mok Cheong Street near 8 Degrees Hotel, To Kwa Wan, Kowloon	8.58	FRESH	Unknown	Y
97	27/6/2013 17:24	C/W of Cheung Sha Wan Road J/O Cheung Lai Street	Not affected	SALT	Unknown	Y
98	15/7/2013 18:42	Ko Shan Road No.7	7	FRESH	33	Y
99	10/8/2013 5:23	C/W of Playing Field Road near Nathan Road	Not affected	SALT	Unknown	Y
100	17/8/2013 20:35	19 Cheung Shun Street, Cheung Sha Wan.	7.75	FRESH	Unknown	Y
101	26/8/2013 9:47	C/W of Cheung Sha Wan Road J/O Tonkin Street	Not affected	SALT	Unknown	Y
102	3/9/2013 4:23	F/P of Nam Cheong Street	Not affected	SALT	Unknown	Y
103	11/9/2013 5:46	Ma Tau Wai Road No. 294-312	Not affected	SALT	Unknown	Y
104	12/9/2013 2:40	Portland Street near Argyle Street	11.5	SALT	16	Y
105	13/9/2013 2:51	Argyle Street No. 153	Not affected	SALT	Unknown	Y
106	15/9/2013 23:32	C/W of no.13 Bedford Road	6.92	FRESH	Unknown	Y
107	20/9/2013 2:51	Tsing Chau Street near Ma Tau Wai Road	13.42	SALT	Unknown	Y
108	25/9/2013 17:13	Site of Yen Chow Street J/O Sham Mong Road	Not affected	FRESH	2	N
109	26/9/2013 2:17	Cheung Yee Street, Cheung Sha Wan, Kowloon	6.58	FRESH	Unknown	Y
110	28/9/2013 11:41	C/W of Fat Tseung Street near Cheung Sha Wan Fire Station	24.42	SALT	Unknown	Y
111	29/9/2013 20:06	C/W of Kweilin Street near Un Chau Street	6.92	SALT	Unknown	Y
112	2/10/2013 4:48	Ma Tau Wai Road near Kiang Su Street	Not affected	SALT	Unknown	Y
113	4/10/2013 21:03	Yee Kuk St. near Wang Cheong Factory Est., Cheung Sha Wan	6.33	FRESH	Unknown	Y
114	7/10/2013 21:34	Jordan Road near Cox's Road	8.75	SALT	23	Y
115	9/10/2013 15:45	To Kwa Wan Road near Lok Shan Road	Not affected	SALT	14	N
116	9/10/2013 22:20	C/W of Tonkin Street near Shun Ning Road	14.33	SALT	Unknown	Y
117	21/10/2013 20:49	Pine Tree Hill Road near Hillwood Road	4	SALT	Unknown	Y
118	28/10/2013 14:11	Nga Tsin Wai Road near Hau Wong Road	Not affected	FRESH	Unknown	Y
119	30/10/2013 18:07	Nga Tsin Wai Road near Hau Wong Road	Not affected	FRESH	Unknown	Y
120	4/11/2013 23:03	Hung Hom Road near Hok Yuen Street East	Not affected	SALT	12	N
121	6/11/2013 0:06	Hung Hom Road near Peninsula Square	Not affected	SALT	14	N
122	15/11/2013 2:47	C/W of Kweilin Street near Tai Po Road	Not affected	SALT	Unknown	Y
123	16/11/2013 18:20	No. 30 Good Shepherd Street, Ho Man Tin, Kowloon	11.13	FRESH	Unknown	Y
124	16/11/2013 19:00	Good Shepherd Street No.38	11.33	SALT	Unknown	Y
125	20/11/2013 21:24	W/B Nga Tsin Wai Road near Nga Tsin Long Road	5.33	SALT	Unknown	Y
126	24/12/2013 10:56	Ma Tau Wai Road No.264	5	SALT	0.3	N
127	27/12/2013 1:27	Good Shepherd Street No.38	6.33	FRESH	Unknown	Y
128	28/12/2013 8:44	Bulkeley Street near Gillies Avenue South	Not affected	SALT	Unknown	Y
129	31/12/2013 6:27	C/W of Tai Kok Tsui Road near Chung Wui Street	Not affected	SALT	Unknown	Y
130	6/1/2014 3:44	Kansu Street near Ferry Street	14.5	SALT	28	Y



No.	Date and Time	Location	Duration of Water Supply Interruption (hr)	Type of Water Main	Age of Water Main (see note 1)	Included in R&R (Y/N) (see note 2)
131	14/1/2014 4:14	Princess Margaret Road No.83	Not affected	FRESH	Unknown	Y
132	8/2/2014 11:07	O/S No. 142 Boundary Street	Not affected	FRESH	Unknown	Y
133	15/2/2014 3:00	Waterloo Road near Ferry Street	Not affected	FRESH	Unknown	Y
134	17/2/2014 12:42	8 Cheong Hang Road	6.75	FRESH	Unknown	Y
135	18/2/2014 11:44	To Kwa Wan Road near Lok Shan Road	Not affected	SALT	15	N
136	22/2/2014 9:17	Pine Tree Hill Road No.7	8.08	SALT	Unknown	Y
137	25/2/2014 12:16	C/W of Pak Wan Street J/O Pak Tin Street	7.83	SALT	Unknown	Y
138	4/3/2014 2:23	C/W of Beech Street near Ivy Street	16.08	SALT	Unknown	Y
139	5/3/2014 7:48	C/W of Cheung Yee Street near Cheung Mou Street	5.58	FRESH	Unknown	Y
140	6/3/2014 2:04	Tai Nan West Street near Cheung Shun Street, Cheung Sha Wan	26.83	FRESH	Unknown	Y
141	26/3/2014 20:07	Austin Road near Temple Street	32.75	SALT	29	Y
142	8/4/2014 15:10	C/W of Castle Peak Road J/O Tonkin Street	14	SALT	Unknown	Y
143	19/5/2014 5:49	Temple Street near Hi Lung Lane	4.75	SALT	29	Y
144	29/5/2014 10:13	Pak Tai Street near Mok Cheong Street	10.25	SALT	Unknown	Y
145	18/6/2014 3:38	No.70 Mody Road, Tsing Sha Tsui	17.08	FRESH	Unknown	Y
146	27/6/2014 4:19	Nos.118-120 Argyle Street, Mong Kok	10.33	FRESH	Unknown	Y
147	3/7/2014 21:24	Saigon Street near Ferry Street	19.93	SALT	Unknown	Y
148	14/7/2014 4:54	Wylie Path No.4	8.35	FRESH	31	Y
149	1/8/2014 22:29	Granville Road near Chatham Road South	16.55	SALT	28	Y
150	16/8/2014 8:45	Fu Ning Street near Chi Chun House	23.33	SALT	Unknown	Y
151	22/8/2014 5:25	Queen Elizabeth Hospital Road near Gascoigne Road	20.85	SALT	Unknown	Y
152	28/8/2014 5:58	33 Mei King Street	Not affected	FRESH	Unknown	Y
153	30/8/2014 7:00	C/W of Tonkin Street near Cheung Sha Wan Road	17.83	SALT	Unknown	Y
154	27/9/2014 6:37	Queen Elizabeth Hospital Road near Gascoigne Road of F/P	8.67	SALT	Unknown	Y
155	1/10/2014 3:46	Boundary Street J/O Waterloo Road	8	SALT	12	N
156	4/10/2014 10:39	O/S No. 61 Carpenter Road	10.5	SALT	14	Y
157	20/10/2014 9:45	W/B Carpenter Road near Hau Wong Road	13	SALT	14	Y
158	31/10/2014 22:12	King's Park Rise No.23	57.42	SALT	Unknown	Y
159	16/11/2014 6:25	King's Park Rise No.23	87.83	SALT	Unknown	Y
160	18/11/2014 13:32	B/L of 186 Fuk Wing Street	4.67	SALT	7	N
161	28/11/2014 8:39	Fat Kwong Street near Chung Hau Street (Site)	7	SALT	Unknown	Y
162	29/11/2014 4:10	Nathan Road No.81	6.67	FRESH	Unknown	Y
163	2/12/2014 7:22	Kwei Chow Street near Yuk Yat Street	14	SALT	Unknown	Y
164	2/12/2014 13:19	6 Kwei Chow Street	7.97	FRESH	Unknown	Y
165	3/12/2014 17:40	Baker Street near Po Loi Street	9	FRESH	34	Y
166	6/12/2014 8:42	Waterloo Road No.72	3.45	SALT	16	Y
167	17/12/2014 3:35	Tung Choi Street No.7	Not affected	SALT	Unknown	Y
168	18/12/2014 3:40	Dundas Street near Portland Street	Not affected	SALT	16	Y
169	22/12/2014 8:13	Sheung Yee Road near Wang Chiu Road	Not affected	SALT	Unknown	Y
170	3/1/2015 13:50	Mody Road No.48	6.83	SALT	6	Y
171	6/1/2015 5:42	Mong Kok Road No.39	20.17	SALT	Unknown	Y
172	14/1/2015 3:41	Pak Hoi Street near Canton Road	25.42	SALT	32	Y
173	9/2/2015 3:52	Canton Road near Haiphong Road	16.75	SALT	38	Y
174	13/2/2015 7:43	Waterloo Road No.1	14.17	SALT	Unknown	Y
175	13/2/2015 7:45	Waterloo Road No.1	11.92	FRESH	Unknown	Y

Note 1: "Unknown" denotes no record of age of the water main, which should be over 30 years. Out of the 175 cases, there are 22 cases with age of water main between 20 and 30 years, and 130 cases over 30 years.

Note 2: R&R denotes the Replacement and Rehabilitation programme of water mains. Water mains included in the R&R programme will be substantially completed by the end of 2015. For water mains not included in the R&R programme, they will be closely monitored and leak detection will be conducted for them to reduce the risk of main burst.

Among the 175 cases, we have received four claims for damages. Two of the claims have not mentioned the claimed amount. The claimed amounts for the other two cases are \$8,000 and \$1,000,000 respectively. None of these claims is found justified after investigation.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)263**

**(Question Serial No. 3374)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding the replacement and rehabilitation programme of water mains, could the Government advise on the following:

1. What is the estimated quantity of works to be completed this year?
2. It is expected that about 3 000 kilometres of aged water mains will be replaced and rehabilitated within 15 years under the programme. Is the programme completed on schedule at present? If yes, what are the details? If no, what are the reasons?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. 78)

Reply:

1. According to the current progress of works, it is expected to complete 250 km of water mains in 2015-16 under the Replacement & Rehabilitation (R&R) programme of water mains.
2. The R&R programme is about 91% completed with 2 730 km of water mains replaced or rehabilitated as at February 2015. The programme is anticipated to be substantially completed by the end of 2015 as originally scheduled.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)264**

**(Question Serial No. 7042)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding the replacement and rehabilitation programme of water mains, could the Government advise on whether there were any statistics on the quantities of fresh water lost due to water main bursts and leaks in the recent 10 years; if yes, of the details; if not, the reasons for that?

Asked by: Hon SHEK Lai-him, Abraham (Member Question No. 78)

Reply:

With service reservoirs located at high altitude for water supply to premises at different levels, water mains at lower altitudes are operating under a relatively high water pressure. The high water pressure together with ground settlement, ground upheaval, external loading and vibration makes our ageing water distribution network prone to leakage and bursting. Therefore, water main leaks and bursts are considered more as operational constraints.

The quantity of fresh water drained away due to main bursts is between 0.01% to 0.02% over the past 10 years and the fresh water main leakage rates in this period are tabulated as follows:

Year	Fresh Water Main Leakage Rate
2005	23.6 %
2006	23 %
2007	22.5 %

2008	21.8 %
2009	21 %
2010	20 %
2011	19 %
2012	18 %
2013	17 %
2014	16 %

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)265**

**(Question Serial No. 3465)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

1. What is the additional expenditure involved in the use of fresh water for flushing in the North District at present when compared with salt water flushing in general?
2. The project on the use of reclaimed water for flushing in the North New Territories has been planned for years. What are the manpower and expenditure involved this year? What is the percentage of the use of reclaimed water for flushing in Hong Kong and the New Territories at present? What is the estimated time for the full extension of the use of reclaimed water for flushing in the North New Territories?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 90)

Reply:

1. The Northern District is an inland area far away from the sea. This geographic constraint makes installing a salt water supply system for the district very costly and less economical than using fresh water for flushing. Therefore, no additional expenditure is required for the supply of fresh water for flushing when compared with salt water for flushing for the district.
2. At present, either fresh water or salt water is supplied for flushing in Hong Kong. However, we are actively pursuing the viability of supplying reclaimed water to the north-eastern part of the New Territories for flushing and other non-potable uses. We have completed technical studies including water quality standard and pilot test on the use of treated effluent of the Shek Wu Hui sewage treatment works for production of the reclaimed water. We have started planning of the infrastructure and target to supply reclaimed water starting from 2022. Upon implementation, we anticipate that up to 21 million cubic metres fresh water could be saved which is equivalent to about 2% of our annual fresh water consumption. We will also conduct a study on the financial and

legal aspects of the supply of reclaimed water. This study is targeted for completion by 2016. In 2015-16, the estimated expenditure on this study is \$4 million and 0.5 in-house professional is assigned for the work related to reclaimed water supply.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)266**

**(Question Serial No. 4583)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational expenses  
Programme: Not specified  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

On engagement of “outsourced workers”, please provide the following information:

	2015-16 (the latest position)
Number of outsourced service contracts	( )
Total expenditure for outsourced service providers	( )
Duration of service for each outsourced service provider	( )
Number of workers engaged through outsourced service providers	( )
Details of the positions held by outsourced workers (e.g. customer service, property management, security, cleansing and information technology)	
Monthly salary range of outsourced workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of outsourced workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )

	2015-16 (the latest position)
Percentage of outsourced workers against the total staff in the department	( )
Percentage of expenditure for outsourced service providers against the total staff costs in the department	( )
Number of workers who received severance payment / long service payment / contract gratuity	( )
Amount of severance payment / long service payment / contract gratuity paid	( )
Number of workers with severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 93)

Reply:

The Water Supplies Department uses a wide range of outsourced services, such as cleansing and security, information technology support, etc. The requested information for 2014-15 is provided below. As the requirement for outsourced services fluctuates with changing service needs, we are unable to provide information for 2015-16.

**(a) Number of outsourced service contracts**

2014-15 (as at 31.12.2014)
39 (-4.9%)

**(b) Total expenditure for outsourced service providers**

2014-15 (up to 31.12.2014) (\$ million)
55.6 (-7.6%)



(c) **Duration of outsourced service contracts**

<b>Duration of service</b>	2014-15 (as at 31.12.2014)
	<b>Number of contracts</b>
6 months or less	0 (-)
Over 6 months to 1 year	22 (-8.3%)
Over 1 year to 2 years	12 (-7.7%)
Over 2 years	5 (+25%)
<b>Total:</b>	<b>39 (-4.9%)</b>

(d) **Total number of workers engaged through outsourced service providers** <sup>Note</sup>

2014-15 (as at 31.12.2014)
286 (+0.4%)

Note : Only those contracts with specified number of staff to be provided are counted.

(e) **Number of outsourced workers against their work nature**

<b>Nature of service contracts</b>	2014-15 (as at 31.12.2014)
	<b>Number of workers</b>
Security	104 (0%)
Cleansing	54 (0%)
Information Technology	17 (+6.3%)
Drivers	103 (0%)
Logistics (Store support)	8 (0%)
<b>Total:</b>	<b>286 (+0.4%)</b>

(f) **Salaries of outsourced workers**

After the implementation of the Statutory Minimum Wage (SMW) on 1 May 2011, for service contracts on security and cleansing, contractors are required to pay their workers wages not lower than the prevailing SMW.

For other service contracts, we specify and require only the service to be provided. We do not have information about the salaries of the workers employed by the contractors.

(g) **Length of service of outsourced workers**

The mode of using outsourced workers is that government departments and the contractor enter into a service contract under which the contractor will supply manpower as and when required. As long as the requirements of the government departments (in terms of the number of outsourced workers and the qualifications

and/or experience required from outsourced workers) are satisfied, the contractor may arrange any of their employees to work in the departments or arrange replacement outsourced workers during the contract period for different reasons. Therefore, we do not have information on the years of service of outsourced workers who are employees of the contractors and are at the disposal of the latter.

**(h) Percentage of outsourced workers against the total staff in the Department**

2014-15 (as at 31.12.2014)
6.3%

**(i) Percentage of expenditure for outsourced service providers against the total staff costs in the Department**

2014-15 (up to 31.12.2014)
5.1%

**(j) Severance payment / long-service payment / contract gratuity paid to outsourced workers**

The department entered into contracts with the outsourced contractors for provision of services as required by the department during the contract period. The contractual relationship of the outsourced workers is with the outsourced contractors which have to fulfil the obligations of employers under the relevant laws including the Employment Ordinance (Cap. 57) and Mandatory Provident Fund Schemes Ordinance (Cap. 485). We do not have information on the severance payment / long service payment / contract gratuity paid by the contractors to their workers.

**(k) Meal break for outsourced workers**

The outsourced workers are employed by the outsourced contractors, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

**(l) Number of outsourced workers against working days**

Working days	2014-15 (as at 31.12.2014)
	Number of workers
5 working days per week	151 (+0.7%)
6 working days per week	135 (0%)
<b>Total:</b>	<b>286 (+0.4%)</b>

*Percentages in ( ) denote comparison with 2013-14 (as at 31.3.2014) except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

<b>DEVB(W)267</b>
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**(Question Serial No. 4584)**

Head: (194) Water Supplies Department

Subhead (No. & title): (000) Operational expenses

Programme: Not specified

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

On engagement of “agency workers”, please provide the following information:

	2015-16 (the latest position)
Number of contracts with employment agencies	( )
Contract sum paid to each employment agency	( )
Duration of service for each employment agency	( )
Number of agency workers	( )
Details of the positions held by agency workers	
Monthly salary range of agency workers	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of agency workers	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Percentage of agency workers against the total staff in the department	( )

	2015-16 (the latest position)
Percentage of expenditure for employment agencies against the total staff costs in the department	( )
Number of workers who received severance payment / long service payment / contract gratuity	( )
Amount of severance payment / long service payment / contract gratuity paid	( )
Number of workers with severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of workers with paid meal break	( )
Number of workers without paid meal break	( )
Number of workers working 5 days per week	( )
Number of workers working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 94)

Reply:

The information in respect of the use of agency workers for 2014-15 is provided below. This information excludes services provided under term contracts centrally administered by the Office of the Government Chief Information Officer. As the requirement for and number of agency workers used fluctuate with changing service needs, we are unable to provide information for 2015-16.

**(a) The number of contracts with employment agencies (EAs)**

2014-15 (as at 30.9.2014)
12 (+33.3%)

**(b) Contract sum and duration of services**

<b>Contract sum</b>	2014-15 (as at 30.9.2014)
	<b>Number of contracts</b>
Less than \$0.5 million	0 (-100.0%)
\$0.5 million to \$1 million	2 (+100.0%)
Over \$1 million	10 (+42.9%)
<b>Total:</b>	<b>12 (+33.3%)</b>

<b>Duration of services</b>	2014-15 (as at 30.9.2014)
	<b>Number of contracts</b>
6 months or less	0 (-100.0%)
Over 6 months to 1 year	12 (+50.0%)
Over 1 year to 2 years	0 (-)
Over 2 years	0 (-)
<b>Total:</b>	<b>12 (+33.3%)</b>

**(c) Number of workers against their job categories**

	2014-15 (as at 30.9.2014)
<b>Number of workers</b>	<b>80 (+8.1%)</b>

<b>Job categories of workers</b>	2014-15 (as at 30.9.2014)
	<b>Number of workers</b>
Backend office support	0 (-100.0%)
Technical services	80 (+11.1%)
<b>Total:</b>	<b>80 (+8.1%)</b>

**(d) Monthly salary range of agency workers**

With the implementation of the Statutory Minimum Wage (SMW) since 1 May 2011, bidders are required to pay their agency workers salaries not lower than the average monthly wages for “General Worker for all selected industries” in the Quarterly Report for December 2010, unless it is overtaken by the prevailing SMW plus one paid rest day in every period of seven days. As at 30 September 2014, the minimum monthly wage specified in the contracts was \$8,397.

**(e) Length of service of agency workers**

The mode of using agency workers is that a government department and an EA enter into a service contract under which the agency will supply manpower as and when required. As long as the requirements of the government department (in terms of the number of agency workers and the qualifications and/or experience required from agency workers) are satisfied, the EA may arrange any of their employees to work in the department or arrange replacement agency workers during the contract period for different reasons. Therefore, we do not have information on the years of service of agency workers who are employees of the EAs and are at the disposal of the latter.

**(f) Percentage of workers against the total number of staff in the Department**

2014-15 (as at 30.9.2014)
1.8%

**(g) Percentage of expenditure for EAs against the total staff costs in the Department**

2014-15 (up to 30.9.2014)
0.9%

**(h) Severance payment / long service payment / contract gratuity paid to agency worker by employment agency**

The department entered into contracts with the EAs for provision of services as required by the department during the contract period. The contractual relationship of the agency workers is with the EAs which have to fulfil the obligations of employers under the relevant laws including the Employment Ordinance (Cap. 57) and Mandatory Provident Fund Schemes Ordinance (Cap. 485). We do not have information on the severance payment/ long service payment/ contract gratuity paid by the EAs to their workers.

**(i) Meal break for workers**

The agency workers are employed by the EAs, and whether the meal break is paid or not is governed by the employment contract between the two parties. We do not have information on this matter.

(j) **Number of workers against working days** <sup>Note</sup>

<b>Working days</b>	2014-15 (as at 30.9.2014)
	<b>Number of workers</b>
5 working days per week	71 (+9.2%)
6 working days per week	0 (-)
<b>Total:</b>	<b>71 (+9.2%)</b>

Note: For full-time workers only.

*Percentages in ( ) denote comparison with 2013-14, except where the relevant figure in 2013-14 is zero.*

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)268**

**(Question Serial No. 4585)**

Head: (194) Water Supplies Department  
Subhead (No. & title): (000) Operational expenses  
Programme: Not specified  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

Regarding the employment of “non-civil service contract (NCSC) staff”, please provide the following information:

	2015-16 (the latest position)
Number of NCSC staff	( )
Details of the positions held by NCSC staff	
Total expenditure on salaries for NCSC staff	( )
Monthly salary range of NCSC staff	
• \$30,001 or above	( )
• \$16,001 - \$30,000	( )
• \$8,001 - \$16,000	( )
• \$6,501 - \$8,000	( )
• \$6,240 - \$6,500	( )
• less than \$6,240	( )
Length of service of NCSC staff	
• 15 years or above	( )
• 10 - 15 years	( )
• 5 - 10 years	( )
• 3 - 5 years	( )
• 1 - 3 years	( )
• less than 1 year	( )
Number of NCSC staff successfully appointed as civil servants	( )
Percentage of NCSC staff against the total staff in the department	( )

	2015-16 (the latest position)
Percentage of staff costs for NCSC staff against the total staff costs in the department	( )
Number of NCSC staff who received severance payment / long service payment / contract gratuity	( )
Amount of severance payment / long service payment / contract gratuity paid	( )
Number of NCSC staff with severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Amount of severance payment / long service payment / contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF	( )
Number of NCSC staff with paid meal break	( )
Number of NCSC staff without paid meal break	( )
Number of NCSC staff working 5 days per week	( )
Number of NCSC staff working 6 days per week	( )

*Percentages in ( ) denote comparison with 2014-15*

Asked by: Hon WONG Kwok-hing (Member Question No. 95)

Reply:

Information on the employment of full-time non-civil service contract (NCSC) staff for 2014-15 is provided below. As the requirement for and number of NCSC staff fluctuate with changing service needs, we are unable to provide information for 2015-16.

**(a) Number of NCSC staff against their job nature**

Job nature	2014-15 (as at 31.12.2014)
	Number of NCSC staff
Professional	7 (-30%)
Technical & inspectorate	23 (-14.8%)
General administration	79 (-9.2%)
<b>Total:</b>	<b>109 (-12.1%)</b>

**(b) Total expenditure on salary of NCSC staff**

2014-15 (up to 31.12.2014) (\$ million)
25.5 (+9.0%)

**(c) Number of NCSC staff against their salaries and length of service**

Monthly salary	2014-15 (as at 31.12.2014)
	Number of NCSC staff
\$30,001 or above	21 (-4.5%)
\$16,001 to \$30,000	36 (-7.7%)
\$8,001 to \$16,000	52 (-17.5%)
\$6,501 to \$8,000	0 (-)
\$6,240 to \$6,500	0 (-)
Less than \$6,240	0 (-)
<b>Total:</b>	<b>109 (-12.1%)</b>

Length of services	2014-15 (as at 31.12.2014)
	Number of NCSC staff
15 years or above	0 (-)
10 years to less than 15 years	27 (+8%)
5 years to less than 10 years	10 (-23.1%)
3 years to less than 5 years	28 (+211.1%)
1 year to less than 3 years	32 (-20%)
Less than 1 year	12 (-67.6%)
<b>Total:</b>	<b>109 (-12.1%)</b>

**(d) Number of NCSC staff appointed as civil servants** <sup>(Note 1)</sup>

2014-15 (up to 31.12.2014)
8 (+166.7%)

Note 1: Including information on appointment of NCSC staff as civil servant within Water Supplies Department (WSD) only. The said NCSC staff have joined the civil service through an open, fair and competitive process.

**(e) Percentage of NCSC staff against the total number of staff in the Department**

2014-15 (as at 31.12.2014)
2.4 %

**(f) Percentage of staff costs for NCSC staff against the total staff costs in the Department**

<b>2014-15</b> (up to 31.12.2014)
2.2%

**(g) Number of NCSC staff who received severance payment/long service payment/contract gratuity**

<b>2014-15</b> (up to 31.12.2014)
96 (-7.7%)

**(h) Amount of severance payment/long service payment/contract gratuity paid**

<b>2014-15</b> (up to 31.12.2014) <b>(\$ million)</b>
\$1.9 (-13.6%)

**(i) Number of NCSC staff with severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

<b>2014-15</b> (up to 31.12.2014)
0

**(j) Amount of severance payment/long service payment/contract gratuity offset by the accrued benefits attributable to employer's contributions to MPF <sup>(Note 2)</sup>**

<b>2014-15</b> (up to 31.12.2014) <b>(\$ million)</b>
0

Note 2: According to the Civil Service Bureau's guidelines on employment of NCSC staff, the contract gratuity for NCSC staff, plus the government's MPF contributions in respect of the NCSC staff, should not be more than 10% (for non-skilled jobs) or 15% (for skilled jobs) of the total basic salary drawn during the contract period. The government will not make reference to accrued benefits in calculating contract gratuity for NCSC staff.

**(k) Number of NCSC staff against meal break**

<b>Meal break</b>	<b>2014-15</b> (as at 31.12.2014)
	<b>Number of NCSC staff</b>
Paid meal break	92 (-8.9%)
Unpaid meal break	17 (-26.1%)
<b>Total:</b>	<b>109 (-12.1%)</b>

**(l) Number of NCSC staff against working days per week** <sup>(Note 3)</sup>

<b>Working days</b>	<b>2014-15</b> (as at 31.12.2014)
	<b>Number of NCSC staff</b>
5 working days per week <sup>(Note3)</sup>	109 (-12.1%)
6 working days per week	0 (-)
<b>Total:</b>	<b>109 (-12.1%)</b>

Note 3: Including staff who are rostered to work shift for 5 days or less in a week.

*Percentages in ( ) denote comparison with 2013-14, except where the relevant figure in 2013-14 is zero.*

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)269**

**(Question Serial No. 3796)**

Head: (194) Water Supplies Department

Subhead (No. & title): Not specified

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

What were the quantities of water supply under the Dongjiang (DJ) water supply agreement and the actual quantities of water delivered in the past 10 years? What were the expenditures involved? What would be the amounts of savings achieved if DJ water was supplied according to the actual quantities of water delivered in the past 10 years?

In view of the public's doubts about the payment for excess quantities of DJ water, will the Government consider taking new measures to address the public's concern, which include using the average water consumption in the past 5 years as the benchmark for the quantity of water supply, and levying charges according to the actual amount of water consumption in excess of the benchmark? If yes, what are the details? If no, what are the reasons?

Asked by: Hon WU Chi-wai (Member Question No. 92)

Reply:

In the past ten years, the ceiling of the annual supply quantities in the Dongjiang (DJ) water supply agreements, the actual supplied quantities of DJ water and the associated expenditures are shown in the table below –

Year	Annual supply ceiling quantity in the supply agreement (million cubic metres)	Actual supplied quantity (million cubic metres)	Expenditure (\$ million)
2005	820	771	2,529.70
2006	820	617	2,494.80
2007	820	715	2,494.80
2008	820	653	2,494.80

Year	Annual supply ceiling quantity in the supply agreement (million cubic metres)	Actual supplied quantity (million cubic metres)	Expenditure (\$ million)
2009	820	725	2,959.00
2010	820	681	3,146.00
2011	820	818	3,344.00
2012	820	709	3,538.70
2013	820	612	3,743.30
2014	820	724	3,959.34

The local yield is inadequate to meet the fresh water demand in Hong Kong. It also fluctuates significantly and is unreliable. In order to safeguard our water security, we need to procure a water right in the form of an annual ceiling of supply quantity in the DJ water supply agreement with a view to maintaining water supply round-the-clock even under the extreme drought condition with a return period of 1 in 100 years.

Moreover, Hong Kong and Guangdong (GD) are under the same climatic setting (rainfall pattern, temperature, etc.). When our local yield reduces during drought years, the quantity of DJ water available for distribution will also dwindle. If we adopt the “payment on actual supply quantity” approach, the GD side considers that they will have difficulty to guarantee that the water supply quantity requested by Hong Kong can be met particularly in drought years given the keen demand for the limited DJ water resources. We will be exposed to a risk of inadequate water supply to Hong Kong during drought years unless we set a “reserved quantity” for possible need during drought years in the DJ water supply agreement and pay for it. However, such arrangement is effectively the same as the “package deal lump sum” approach we have adopted for the DJ water supply agreements since 2006.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)270**

**(Question Serial No. 3797)**

Head: (194) Water Supplies Department  
Subhead (No. & title): Not specified  
Programme: (1) Water Supply: Planning and Distribution  
Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)  
Director of Bureau: Secretary for Development

Question:

What is the progress of the study on the desalination plant at Tseung Kwan O at present? What is the expenditure involved? What are the expected dates of commencement and implementation of works? What will be the proportion of fresh water brought to Hong Kong?

Asked by: Hon WU Chi-wai (Member Question No. 93)

Reply:

We engaged a consultant to carry out a planning and investigation study for the construction of a desalination plant in Tseung Kwan O (TKO). The study commenced in December 2012 and is now largely completed. The actual (A) and estimated (E) expenditure for the study in 2013-14, 2014-15 and 2015-16 are \$4.5 million (A), \$10.9 million (A) and \$9.8 million (E) respectively.

We plan to seek funding in 2015 for the review and design and associated site investigation works for the first stage of the proposed desalination plant. Subject to approval of the Finance Committee, we plan to commence the design in late 2015 with a view to starting the construction in 2017 for commencing the operation of the plant in 2020.

The output capacity of the first stage of the proposed desalination plant is 135 000 cubic metres per day which is about five per cent of the fresh water consumption in Hong Kong.

- End -



**CONTROLLING OFFICER'S REPLY**

**DEVB(W)271**

**(Question Serial No. 3462)**

Head: (709) Capital Works Reserve Fund – Waterworks

Subhead (No. & title): (9358WF) In-situ reprovisioning of Sha Tin water treatment works (South Works) – advance works

Programme: Not Specified

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

Subhead 9358WF In-situ reprovisioning of Sha Tin water treatment works (South Works) – advance works

Question A: The advance works of in-situ reprovisioning of Sha Tin water treatment works (South Works) and main works of in-situ reprovisioning of Sha Tin water treatment works are implemented in phases. What are the estimates for the main works? What is the estimated time for completion?

Question B: Has the Administration conducted the feasibility study, environmental impact assessment and quantitative impact assessment for Sha Tin water treatment works? If yes, what are the manpower and expenditure involved? If no, what are the reasons?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 87)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund does **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

The detailed design for the main works of the in-situ reprovisioning of Sha Tin water treatment works (South Works) is in progress and a more accurate cost estimate and detailed implementation programme will be determined near the completion of the detailed design.

The consultancy on the in-situ reprovisioning of Sha Tin water treatment works (South Works) includes the feasibility study and environmental impact assessment for the project which includes qualitative and quantitative impact assessment in aspects of air quality, noise, water quality, waste management, terrestrial ecology, landscape and visual, cultural heritage, land contamination and hazard to life. The consultancy fee is about \$17.4 million.

- End -

**CONTROLLING OFFICER'S REPLY**

**DEVB(W)272**

**(Question Serial No. 7071)**

Head: (709) Capital Works Reserve Fund: Waterworks

Subhead (No. & title): (9358WF) In-situ reprovisioning of Sha Tin water treatment works (South Works) – advance works

Programme: Not specified

Controlling Officer: Director of Water Supplies (Enoch T.S. LAM)

Director of Bureau: Secretary for Development

Question:

Subhead 9358WF under Head 709 in the Estimates for 2015 is “In-situ reprovisioning of Sha Tin water treatment works (South Works) – advance works”. Has the Government conducted any studies on the relocation of the South Works of Sha Tin water treatment works to caverns? If yes, what are the manpower and expenditure involved?

Asked by: Hon TONG Ka-wah, Ronny (Member Question No. 88)

Reply:

*According to Rule 49 of the Finance Committee Procedures, special meetings of the Finance Committee are convened to examine the annual Estimates of Expenditure prepared by the Government in support of the Appropriation Bill.*

*Expenditure charged to the Capital Works Reserve Fund do **not** form part of the Appropriation Bill. As such, questions relating to expenditure under the Fund are **not** relevant to the examination of the Estimates of Expenditure or the Appropriation Bill.*

Unlike other government facilities being considered for relocation to caverns such as sewage treatment works, service reservoirs, etc., there are major technical concerns in accommodating the Sha Tin Water Treatment Works (WTW) inside caverns. There is potential hazard arising from the accumulation of chlorine inside the caverns due to the use and storage of chlorine in the WTW. Besides, the Sha Tin WTW is at a strategic location and connected with a network of major raw water tunnels and treated water mains, and it is difficult to find a suitable site to reprovision the WTW in caverns. As such, no project specific study has been carried out on the relocation of the South Works of Sha Tin WTW to caverns.

- End -