

**Answers to written questions raised by Finance Committee Members in  
examining the Estimates of Expenditure 2002-03**

**Bureau Secretary : Secretary for Works  
Session No. 11 File name: WB-e1.doc**

<b>Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
<a href="#">WB01</a>	0014	HO Sau-lan, Cyd	Head 56	Building, Lands and Planning Water Supply Intra-Governmental Services
<a href="#">WB02</a>	0023	CHAN Kwok-keung	Head 56	Intra-Governmental Services
<a href="#">WB03</a>	0024	CHAN Kwok-keung	Head 704	Drainage
<a href="#">WB04</a>	0051	CHAN Kwok-keung	Head 25	Facilities Development
<a href="#">WB05</a>	0058	CHAN Kwok-keung	Head 25	Facilities Development
<a href="#">WB06</a>	0059	CHAN Kwok-keung	Head 25	Monitoring and Advisory Services
<a href="#">WB07</a>	0114	LAU Ping-cheung	Head 25	Facilities Development
<a href="#">WB08</a>	0115	LAU Ping-cheung	Head 25	Facilities Development
<a href="#">WB09</a>	0135	LI Wah-ming, Fred	Head 194	Customer Services
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<a href="#">WB12</a>	0184	WONG Yung-kan	Head 43	Geotechnical Services
<a href="#">WB13</a>	0185	WONG Yung-kan	Head 43	Geotechnical Services
<a href="#">WB14</a>	0282	LI Wah-ming, Fred	Head 703	Buildings
<a href="#">WB15</a>	0290	LI Wah-ming, Fred	Head 709	Waterworks
<a href="#">WB16</a>	0307	LEUNG Fu-wah	Head 194	Water Supply: Planning and Distribution
<a href="#">WB17</a>	0317	LEUNG Fu-wah	Head 25	Monitoring and Advisory Services Facilities Development
<a href="#">WB18</a>	0348	CHOY So-yuk	Head 43	Slope Safety and Geotechnical Standards
<a href="#">WB19</a>	0373	HO Chung-tai, Raymond	Head 56	Intra-Governmental Services
<a href="#">WB20</a>	0379	SHEK Lai-him, Abraham	Head 91	Land Administration
<a href="#">WB21</a>	0421	TAM Yiu-chung	Head 91	Land Administration
<a href="#">WB22</a>	0456	SHEK Lai-him, Abraham	Head 704	Drainage New Towns and Urban Area Development
<a href="#">WB23</a>	0457	SHEK Lai-him, Abraham	Head 56	Intra-Governmental Services
<a href="#">WB24</a>	0460	SHEK Lai-him, Abraham	Head 56	Intra-Governmental Services
<a href="#">WB25</a>	0494	CHAN Wai-yip, Albert	Head 25	Monitoring and Advisory Services
<a href="#">WB26</a>	0495	CHAN Wai-yip, Albert	Head 25	Facilities Development
<a href="#">WB27</a>	0496	TAM Yiu-chung	Head 39	Stormwater Drainage

<b>Reply Serial No.</b>	<b>Question Serial No.</b>	<b>Name of Member</b>	<b>Head</b>	<b>Programme</b>
<a href="#">WB28</a>	0549	CHAN Wai-yip, Albert	Head 91	Land Administration
<a href="#">WB29</a>	0550	CHAN Wai-yip, Albert	Head 91	Land Administration
<a href="#">WB30</a>	0686	LI Fung-ying	Head 25	Facilities Development
<a href="#">WB31</a>	0687	LI Fung-ying	Head 25	Monitoring and Advisory Services
<a href="#">WB32</a>	0689	LI Fung-ying	Head 25	Monitoring and Advisory Services Facilities Development
<a href="#">WB33</a>	0690	LI Fung-ying	Head 25	Monitoring and Advisory Services Facilities Development
<a href="#">WB34</a>	0740	LAU Wong-fat	Head 56	Subhead 001 – Salaries
<a href="#">WB35</a>	0778	IP Kwok-him	Head 25	Monitoring and Advisory Services Facilities Development
<a href="#">WB36</a>	0780	IP Kwok-him	Head 43	Slope Safety and Geotechnical Standards
<a href="#">WB37</a>	0782	IP Kwok-him	Head 56	Intra-Governmental Services
<a href="#">WB38</a>	0783	IP Kwok-him	Head 194	Water Supply: Planning and Distribution
<a href="#">WB39</a>	0788	TANG Siu-tong	Head 43	Slope Safety and Geotechnical Standards
<a href="#">WB40</a>	0819	LI Wah-ming, Fred	Head 43	Slope Safety and Geotechnical Standards
<a href="#">WB41</a>	0847	LEUNG Yiu-chung	Head 25	Facilities Development
<a href="#">WB42</a>	0848	LEUNG Yiu-chung	Head 25	Monitoring and Advisory Services Facilities Development
<a href="#">WB43</a>	0904	CHAN Kam-lam	Head 91	Land Administration
<a href="#">WB44</a>	1013	WONG Yung-kan	Head 194	Customer Services
<a href="#">WB45</a>	1018	IP Kwok-him	Head 43	Geotechnical Services
<a href="#">WB46</a>	1066	WONG Yung-kan	Head 194	Water Quality Control
<a href="#">WB47</a>	1067	WONG Yung-kan	Head 194	Water Quality Control
<a href="#">WB48</a>	1100	WONG Yung-kan	Head 704	Drainage
<a href="#">WB49</a>	1138	LI Ka-cheung, Eric	Head 25	Facilities Development
<a href="#">WB50</a>	1227	WONG Yung-kan	Head 194	Water Supply: Planning and Distribution
<a href="#">WB51</a>	1228	WONG Yung-kan	Head 194	Water Supply: Planning and Distribution
<a href="#">WB52</a>	1230	TAM Yiu-chung	Head 704	Drainage
<a href="#">WB53</a>	1343	IP Kwok-him	Head 91	Lands Administration
<a href="#">WB54</a>	1362	IP Kwok-him	Head 56	-

Examination of Estimates of Expenditure 2002-  
03

**WRITTEN QUESTION**

Reply Serial No.

WB01

Question Serial No.

0014

**Head: 56 : Government Secretariat:**  
Planning and Lands Bureau and Works Bureau

Head 22 – Agriculture, Fisheries and  
Conservation Department  
Head 82 – Buildings Department  
Head 91 – Lands Department  
Head 100 – Marine Department  
Head 110 – Territory Development  
Department  
Head 118 – Planning Department

Head 25 – Architectural Services Department  
Head 39 – Drainage Services Department  
Head 42 – Electrical and Mechanical  
Services  
Department  
Head 43 – Civil Engineering Department  
Head 194 – Water Supplies Department

Programme (1) Building, Lands and Planning

(2) Water Supply

(3) Intra-Governmental Services

**Controlling Secretary for Works  
Officer:**

**Bureau Secretary for Planning  
Secretary: and Lands**

**Secretary for Works**

**Question :** Regarding consultancy studies for policy making and assessment commissioned by your bureau and departments/offices under your bureau,

- (1) Please provide the following details of the consultancy studies for which financial provision has been allocated in 2001-02:

Names of consultants (if available)	Contents of studies	Consultancy fees	Progress and follow-up action (under planning/ in progress/ finished)	Government's follow-up action (if available)

- (2) Will there be any financial provision allocated for commissioning consultancy studies in 2002-03? If yes, please provide the following details:

Names of consultants (if available)	Contents of studies	Consultancy fees	Status of consultancy studies (under planning/ in progress/ finished)

**Asked by:** Hon. HO Sau-lan, Cyd

**Reply:** A number of consultancy studies have been or will be commissioned by the Planning and Lands Bureau, Works Bureau and the departments under their purview for the purpose of policy making or policy assessment in 2001-02 and 2002-03. Details of the studies for which financial provision has been allocated in 2001-02 or will be allocated in 2002-03 are -

**(1) Studies with provision in 2001-02**

Names of consultants (if available)	Contents of studies	Consultancy fees \$	Progress and follow-up action (under planning/ in progress/ finished)	Government's follow-up action (if available)
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**Works Bureau and departments**

Azeus Systems Ltd.	Consultancy study on electronic transactions in the works departments* (WB)	2,000,000	In progress	-
ERM Hong Kong Ltd.	Strategic assessment and site selection study for contaminated mud disposal (CED)	135,000	Finished	Action has been initiated to conduct an environmental impact assessment study for a new contaminated mud disposal facility within the Airport East/East Sha Chau area.
Camp Dresser & McKee International Inc.	Feasibility study on development of desalination facilities in Hong Kong* (WSD)	2,550,000	In progress	-
Binnie Black & Veatch Hong Kong Ltd.	Feasibility study on maximization of collection and storage of surface water in Hong Kong*(WSD)	964,000	In progress	-
MWH Hong Kong Ltd.	Feasibility study on recycling effluent for potable and non-potable uses in Hong Kong* (WSD)	210,000	In progress	-

**Planning and Lands Bureau and departments**

Ove Arup & Partners Hong Kong Ltd.	Consultancy to review code of practice for fire safety in buildings and renovation works* (BD)	900,000	In progress	-
Anthony Ng Architects Ltd.	Consultancy to review Building Regulations on lighting and ventilation of buildings* (BD)	3,291,000	In progress	-
Hyder Consulting Ltd.	Consultancy to review Building Regulations on drainage of buildings* (BD)	3,500,000	In progress	-
Not yet available	Consultancy on the seismic effects on buildings in Hong Kong* (BD)	250,000	In tendering stage	-
MDR Technology Ltd.	Thematic household survey on aspirations and experience of taking up residence in the Mainland of China (Plan D)	191,000	Finished	-
Weber Shandwick Worldwide GHK (Hong Kong) Ltd.  Parsons Brinckerhoff (Asia) Ltd.  Hyder-Mott Connell Joint Venture	Hong Kong 2030: Planning Vision and Strategy  a. publicity and public relations  b. land forecasting methodology  c. traffic assessment and transport modelling*  d. environmental assessment* (Plan D)	3,057,000	In progress	-
Townland Consultants Ltd.	Study on planning for pedestrians* (Plan D)	864,000	In progress	-

\* Studies being conducted in 2001-02 which will continue in 2002-03.

Urbis Ltd.	Study of landscape value mapping of Hong Kong* (Plan D)	1,060,000	In progress	–
MDR Technology Ltd.	Cross boundary travel survey 2001(Plan D)	2,692,000	Finished	–
Environmental Resources Management Ltd.	Study on revitalisation of Tai O (Plan D)	945,000	Finished	–
LD Asia & Atkins China Ltd.	Focus study on Aberdeen harbour* (Plan D)	996,000	In progress	–
RMJM Hong Kong Ltd.	Urban design guidelines for Hong Kong* (Plan D)	634,000	To be completed in mid-2002	–

**(2) Studies with provision in 2002-03**

<b>Names of consultants (if available)</b>	<b>Contents of studies</b>	<b>Consultancy fees \$</b>	<b>Status of consultancy studies (under planning/ in progress/ finished)</b>
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**Works Bureau and departments**

Azeus Systems Ltd.	Consultancy study on electronic transactions in the works departments* (WB)	428,000	In progress
Camp Dresser & McKee International Inc.	Feasibility study on development of desalination facilities in Hong Kong* (WSD)	250,000	Study at final stage
Binnie Black & Veatch Hong Kong Ltd.	Feasibility study on maximization of collection and storage of surface water in Hong Kong* (WSD)	306,000	Study at final stage
MWH Hong Kong Ltd.	Feasibility study on recycling effluent for potable and non-potable uses in Hong Kong* (WSD)	490,000	Study at final stage

**Planning and Lands Bureau and departments**

Ove Arup & Partners Hong Kong Ltd.	Consultancy to review code of practice for fire safety in buildings and renovation works* (BD)	6,336,000	In progress
Anthony Ng Architects Ltd.	Consultancy to review Building Regulations on lighting and ventilation of buildings* (BD)	1,512,000	In progress
Hyder Consulting Ltd.	Consultancy to review Building Regulations on drainage of buildings* (BD)	500,000	In progress
Not yet available	Consultancy on the seismic effects on buildings in Hong Kong* (BD)	4,000,000	In tendering stage
Not yet available	Consultancy on draft a comprehensive environmental performance assessment scheme for buildings (BD)	3,400,000	Under planning
Not yet available	Consultancy to draft a design manual on barrier free access and facilities for persons with a disability and the elderly (BD)	4,500,000	Under planning
Not yet available	Consultancy to draft a limited- state code for structural use of steel in Hong Kong (BD)	2,000,000	Under planning
Weber Shandwick Worldwide	Hong Kong 2030: Planning Vision and Strategy a. publicity and public relations*	7,420,000	In progress
GHK (Hong Kong) Ltd. Parsons	b. land forecasting methodology*		"
Brinckerhoff (Asia) Ltd.	c. traffic assessment and transport modelling*		"
Hyder-Mott Connell Joint	d. environmental assessment*		"

Venture Not yet available	e. economic assessment (Plan D)		"  Under planning
Townland Consultants Ltd.	Study on planning for pedestrians* (Plan D)	2,436,000	In progress
Urbis Ltd.	Study of landscape value mapping of Hong Kong* (Plan D)	2,151,000	In progress
LD Asia & Atkins China Ltd.	Focus study on Aberdeen harbour (Plan D)	1,047,000	For completion in 2002-03
RMJM Hong Kong Ltd.	Urban design guidelines for Hong Kong* (Plan D)	244,000	For completion in mid-2002
Not yet available	Formulation of a master plan and implementation strategy for the development of an Arts District in the West Kowloon/Tsim Sha Tsui area (Plan D)	1,500,000	Under planning
Not yet available	Study on rural planning and land management in the New Territories (Plan D)	633,000	Under planning

Signature

Name in block letters

Post Title

Date

S S LEE

Secretary for Works

21 March 2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB02

Question Serial No.

0023

Head: 56

Subhead (No. & title):

Programme: (3) Intra-Governmental Services

Controlling Officer: Secretary for Works

Bureau Secretary: Secretary for Works

Question :

- (a) What will be the savings in total expenditure and time for infrastructure development upon the introduction of measures to streamline delivery procedures? Please provide a breakdown of savings by each streamlined procedure.
- (b) What are the reasons for keeping the underspending on public works projects below 5%?

Asked by: Hon. CHAN Kwok-keung

Reply:

- (a) In order to enhance efficiency, we have in the past year simplified the following steps in the delivery of public works projects:
- (i) The requirements for preliminary project feasibility studies were simplified. This shortens the time for establishing the preliminary technical feasibility of a project for including it in the Capital Works Programme from roughly 12 months to 4 months.
  - (ii) We have advanced the statutory gazetting of projects, where required, to make it in parallel with the environmental impact assessment process and thus shortened the time by 6 to 9 months.
  - (iii) The administrative procedure for land resumption has been shortened from normally 12 months to about 8 months for a works project involving medium-scale land resumption.
  - (iv) Tendering of works contracts is allowed before funding is secured, saving up to 3 to 4 months.

Through implementation of the above measures together with allowing a shorter time for other activities, such as design and tender preparations, we have been able to shorten the pre-construction lead-time for a medium size civil engineering project from about 6 years to less than 4 years. For building projects, due to fewer procedures involved, we are able to commence construction within 2 years.

In the coming year, we plan to further explore the opportunity for fast-tracking our projects. We shall focus on reviewing whether the administrative procedures on the resolution of public objections, which now lie on the critical path of our project planning programme, could be improved in order to cut short the overall time required before construction works can commence.

As working procedures are simplified, we expect there will be some savings in staff time and consultancy input due to enhanced efficiency. However, it is difficult to quantify those savings at this moment.

- (b) We at all times endeavour to make the best estimate of the expenditure to be incurred taking into account the price level, the work programme and progress so far. However, as the progress of works projects could depend on a lot of factors, such as site conditions, weather conditions and the actual works done, the expenditure may differ from our original prediction. From our experience, we believe that an under-expenditure of less than 5% of the original estimate is a reasonable target for monitoring the progress of the Capital Works Programme.

Signature \_\_\_\_\_

Name in block letters S S LEE

Post Title Secretary for Works

Date 21 March 2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
 WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB03

Question Serial No.

0024

Head : CWRP Head 704 - Drainage Subhead (No. & title):

Programme :

Controlling Officer : Director of Drainage Services

Bureau Secretary : Secretary for Works

Question : How much is the estimated expenditure on drainage improvement works for West Kowloon, Northern New Territories and Northwest New Territories? What are the new projects that will commence in this financial year?

Asked by : Hon. CHAN Kwok-keung

Reply : In 2002-03, the expenditures on the drainage improvement works for West Kowloon, Northern New Territories and Northwest New Territories are estimated at \$387 million, \$296 million and \$482 million respectively. In 2002-03, we will commence the construction of drainage channels totalling 7.6 km in length and 3 floodwater pumping schemes in the New Territories. Details are below :-

Item No.	Project Title	Estimated Project Cost (\$M)	Works to start in 2002-03	Estimated Start Date	Estimated Completion Date
4090CD/A*	Regulation of Shenzhen River, stage III	559	Contract B for training of the section of Shenzhen River upstream of Lo Wu	mid 2002	mid 2005
7030CD/A*	Village flood protection for Yuen Long, Kam Tin and Ngau Tam Mei, North West New Territories, stage 1 - remainder	136	Construction of floodwater pumping station in Wang Chau	early 2002	end 2004
7070CD/B	Yuen Long bypass floodway	494	Construction of drainage channels in Yuen Long South	end 2002	end 2005
7073CD/B	Main drainage channels and poldered village protection schemes for San Tin, NWNT phase 3, part 1 - eastern main drainage channel for San Tin	360	Construction of drainage channels in San Tin	end 2002	end 2005
7117CD/A*	Village flood protection for Mai Po Lo Wai, Mai Po San Tsuen, Ma Tin Tsuen and Shui Pin Wai, North West New Territories	175	Construction of floodwater pumping station in Mai Po Lo Wai/Mai Po San Tsuen	early 2002	early 2005
7227CL/B	Tin Shui Wai development - village flood protection works for Sheung Cheung Wai	43	Upgrading of floodwater pumping station in Sheung Cheung Wai	end 2002	mid 2005

\* Parts of these projects have already started in 2001-02 as separate works contracts.

Signature	_____
Name in block letters	J. Collier
Post Title	Director of Drainage Services
Date	18 March 2002

Reply Serial No.

WB04

Question Serial No.

0051

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) - Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : Regarding the targets laid down in this programme, why does the Department presume that it is able to meet the targets by merely “completing design within approved time scale”, without specifying the time by which the design will be completed? Why can't the completion date be determined by the scale of a project (large/medium/small)? How will the Department achieve the objective of “expediting the implementation of public works projects” as recently promulgated by the Government?

Asked by : Hon. CHAN Kwok-keung

Reply : The target of “completing design within approved time scale” is used because there are many factors which may affect the length of the design process, such as nature, size, complexity of the projects, site conditions and constraints, statutory approval and public consultation procedures. Each factor has different effect on different projects, and it is impractical to set target completion time based on the size of the projects only.

We will follow the measures promulgated by Finance Bureau and Works Bureau to streamline the implementation of public works projects. These measures involve shortening the time required for individual activities and carrying out different activities in parallel as far as possible. Some examples are processing funding application and tender invitation concurrently and inviting consultancies and tendering works contracts in batches.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 15 March 2002

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Reply Serial No.

WB05

Examination of Estimates of Expenditure 2002-03

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0058

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) - Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : What will be the expenses on design projects for the year 2002-03 ? Of these expenses, how much will be spent on emoluments of staff ? How many items will involve the drafting and design of plans ? Are there any new design projects apart from the government minor works which cost \$2,600 million ?

Asked by : Hon. CHAN Kwok-keung

Reply : Around \$240 million (or about 40%) of the financial provision under Programme (3) Facilities Development will be spent on the design of projects in 2002-03. The remaining provision of about \$366 million (or 60%) will be spent on feasibility studies, contract administration, construction supervision, consultant administration and project management.

Of the \$240 million to be spent on the design of projects, about \$230 million (or 94%) will be spent on staff emoluments.

Excluding minor works items, about 200 projects will involve design and drafting of plans. Of these design projects, 92 are new ones.

Signature \_\_\_\_\_

Name in block letters S. H. PAU

Post Title Director of Architectural Services

Date 19 March 2002

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Reply Serial No.

WB06

Examination of Estimates of Expenditure 2002-03**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0059

Head : 25 – Architectural Services DepartmentSubhead :Programme : (1) – Monitoring and Advisory ServicesControlling Officer : Director of Architectural ServicesBureau Secretary : Secretary for WorksQuestion : Please provide a list of the projects in 2002-03 that require the Department to provide professional and technical advice, as well as the estimated expenditure of each project.Asked by : Hon. CHAN Kwok-keungReply : Apart from serving as a works agent to implement capital works projects, Architectural Services Department also provides professional and technical advice for projects which are carried out by subvented organisations. In 2002-03, we anticipate that the Architectural Services Department will provide professional and technical advice on some 1,720 projects for the subvented organisations with a total rough indication of cost at \$51.3 billion, breakdown as follows :-

	<b>Number of Projects</b>	<b>Rough indication of total project cost (\$ billion)</b>
	_____	_____
Education subventions – primary and secondary schools	300	16.3
Other education subventions	60	12.2
Medical subventions	20	9.8
Subvented minor works	470	0.9
Lotteries Fund related works	740	3.5
Reprovisioning and entrustments under land sale and land grant	120	4.7
Miscellaneous	10	3.9
Total :	_____	_____
	1,720	51.3

Signature \_\_\_\_\_

Name in block letters S. H. PAUPost Title Director of Architectural ServicesDate 19 March 2002

Reply Serial No.

WB07

Question Serial No.

0114

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) - Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : The Architectural Services Department plans to delete 58 posts in 2002-03, which accounts for about 5% of the manpower under the Programme. Would the Administration advise the Committee of the posts which are to be deleted ? Will there be any transfer arrangement for the leftover staff after the deletion of these posts ? Will there be any measures to ensure that the quality of service will not be affected by the cut in manpower ?

Asked by : Hon. LAU Ping-cheung

Reply : We plan to delete 58 posts in 2002-03 under Programme Area 3 as part of the Enhanced Productivity Programme. A breakdown of the 58 posts is at the Annex.

There will not be any staff redundancy. The posts to be deleted are now vacant.

We will implement the following measures to ensure that there will not be any deterioration in quality of services :-

- (a) Regular review of existing workload and distribution of resources to enhance efficiency;
- (b) Regular meetings to monitor the work progress, work quality and output of contractors;
- (c) Constant monitoring of progress and performance standards of project officers to ensure timely completion of contract services; and
- (d) Close involvement of senior management to oversee and review the operational procedures and to initiate timely action to overcome deficiencies.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 15 March 2002

## Annex

<u>Rank</u>	<u>No.</u>
Architect/Assistant Architect	3
Quantity Surveyor/Assistant Quantity Surveyor	3
Structural Engineer/Assistant Structural Engineer	1
Technical Officer/ Technical Officer Trainee (Architectural)	12
Technical Officer/ Technical Officer Trainee (Structural)	13
Technical Officer/ Technical Officer Trainee (Building Services)	1
Survey Officer/ Survey Officer Trainee (Quantity)	14
Assistant Clerk of Works	6
Works Supervisor II (Building)	5
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Total	58

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Reply Serial No.

WB08

Examination of Estimates of Expenditure 2002-03

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0115

Head : 25 – Architectural Services Department

Subhead : 111 Hire of services &  
professional fees

Programme : (3) - Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : The estimate for 2002-03 under Subhead 111 Hire of services and professional fees represents an increase of 161.2% over the revised estimate for 2001-02. What will the rate of increase be if the additional provision for implementation of accrual accounting is excluded from the estimate ?

Asked by : Hon. LAU Ping-cheung

Reply : For Subhead 111, compared to the revised estimate for 2001-02, there is an increase of 60.8% in expenditure to be incurred in 2002-03 if the additional provision for implementation of accrual accounting is excluded from the estimate.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 13 March 2002

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Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB09

Question Serial No.

0135

Head: 194 Water Supplies Department

Subhead(No. & title):

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question :

It was mentioned in the brief description that the level of arrears of water charges would be closely monitored. Will the Administration inform this Council:

- (1) How many cases of arrears were there last year?
- (2) What is the estimated amount of arrears last year?
- (3) What will be the provision allocated for the implementation of measures to solve the problem of arrears of water charges in 2002-03? What are the details of the plan?

Asked by: Hon. LI Wah-ming, Fred

Reply:

The number of cases of arrears changes every day as some become settled while new cases come up. Therefore, it is more meaningful to present the number of unresolved cases of arrears as at a certain date.

- (1) There was a total of 12 922 unresolved cases of arrears as at 28.2.2002, a drop of 25% over the period from 31.3.2001 to 28.2.2002.
- (2) The estimated amount of these arrears as at 28.2.2002 is \$11,613,000, a drop of 14% over the same period as (1) above.
- (3) The reduction in number of cases and amount is achieved through closer monitoring of possible arrears cases, reviewing of the level of deposit and the timely execution of disconnection orders. These measures are part of our routine work and there is no specific provision allocated for this purpose only.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ William C G KO

Post Title \_\_\_\_\_ Director of Water Supplies

Date \_\_\_\_\_ 18.3.2002

Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB10

Question Serial No.

0136

Head: 194 Water Supplies Department

Subhead(No. & title):

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : In terms of the cost of water quality control, what are the average costs per cubic metre for the treatment of water from local reservoirs and Dongjiang, Guangdong respectively for the years 2001-02 and 2002-03 by the Water Supplies Department? What percentages do these two costs account for the financial provision under the Programme "Water Quality Control"?

Asked by: Hon. LI Wah-ming, Fred

Reply: The raw water derived from Hong Kong's local catchment and the Dongjiang raw water supplied from Guangdong Province are mixed for transmission, storage, and treatment. Moreover, the water quality of any source of water, be it Dongjiang water or local catchment water, changes according to the prevailing weather conditions and hence the treatment cost varies. Therefore, it is not possible to separately account for the costs attributed to the treatment of water from each of these two raw water sources.

For the purpose of water quality control, the latest estimate for 2001-02 is \$166.8 million, and that for 2002-03 is \$172.4 million. By and large, the estimates are for ensuring the treated water quality in Hong Kong to be in compliance with the World Health Organisation Guidelines for Drinking-water Quality (1993). However, it has also included a small amount of expenditure on the control of quality of sea water for flushing. The average cost for treatment of water in terms of water quality control for 2001-02 and 2002-03 is in the order of \$0.17 per cubic metre.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
 WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB11

Question Serial No.

0167

Head : 39 Drainage Services Department    Subhead (No. & title):

Programme :            (1) Stormwater Drainage &  
                               (2) Sewage Services

Controlling Officer : Director of Drainage Services

Bureau Secretary : Secretary for Works

Question :            Departmental expenditure under the two programme areas will increase in the coming financial year. Please explain and list each increased item of expenditure?

Asked by :            Hon. LAW Chi-kwong

Reply :                The increase is mainly due to :-

	Total Increase	Stormwater Drainage	Sewage Services
	\$M	\$M	\$M
(a) Increased departmental expenditure to cater for increase in sewage inflow for treatment after full commissioning of the Harbour Area Treatment Scheme Stage I and other sewerage and drainage facilities, partly offset by reduced operating expenses under the Enhanced Productivity Programme	144.7	3.9	140.8
(b) Salary increment for existing staff as well as full-year provision for vacancies filled in 2001-02 and 2002-03 to support the operation and maintenance of the newly commissioned drainage and sewerage facilities	26.8	9.8	17.0
(c) Increased requirements for replacing ageing plant and equipment	8.8	2.1	6.7
<b>Total :</b>	<b>180.3</b>	<b>15.8</b>	<b>164.5</b>

Signature	_____
Name in block letters	J. Collier
Post Title	Director of Drainage Services
Date	18 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB12

Question Serial No.

0184

Head : 43 - Civil Engineering Department      Subhead (No. & title) :

Programme : (5) Geotechnical Services

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

- Question :
- (a) Please give details of the environmental impact assessment study for the proposed new contaminated mud disposal facility. When will the study commence? When will it be completed? Will the fishermen associations and the fishermen affected be consulted during the study?
  - (b) How many environmental and ecological studies will CED carry out in the coming years to understand the effect of mud dredging and mud disposal on the marine ecology? For these studies, how much resources will be needed?

Asked by : Hon. WONG Yung-kan

- Reply :
- (a) The environmental impact assessment will be carried out as part of a site selection study to identify the best site and disposal option for a new contaminated mud disposal facility within the Airport East/East Sha Chau area. This study will be conducted to satisfy the requirements of the Environmental Impact Assessment Ordinance. We plan to commence the study in June this year and the study will last for about 15 months. We will consult fishermen representatives, the relevant District Councils and Green Groups during the course of the study.
  - (b) CED is undertaking 5 environmental and ecological assessments and studies related to marine mud disposal in the coming years. This is to ensure that the effect of mud disposal on the marine environment is acceptable in accordance with internationally recognized standards. The cost for undertaking the assessments and studies is about \$20 million in 2002-03.

Signature \_\_\_\_\_

Name in block letters      Dr. LAU CHING-KWONG

Post Title      Director of Civil Engineering

Date      18 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB 13

Question Serial No.

0185

Head : 43 - Civil Engineering Department Subhead (No. & title) :

Programme : (5) Geotechnical Services

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

- Question :
- (a) How much resources will be allocated for the enhancement of public education campaigns on slope safety and for providing advisory services to private slope owners?
  - (b) How much resources will be allocated for the work on upgrading of dangerous slopes? How many upgrading works are expected to be carried out next year?

Asked by : Hon. WONG Yung-kan

- Reply :
- (a) We have a Public Education Unit to promote slope safety through educational and publicity programme, and a Community Advisory Unit to provide advisory services and assistance to private slope owners to proceed with their slope maintenance and upgrading works. The Public Education Unit comprises three geotechnical engineers and two technical staff and the Community Advisory Unit comprises two geotechnical engineers and three technical staff. Both units are under the supervision of a Chief Geotechnical Engineer in the Slope Safety Division of the Geotechnical Engineering Office. It is estimated that non-staff expenditure in 2002-03, including printing and distribution of publicity and educational materials and a 2-month exhibition on slope safety in the Science Museum and associated educational activities, is \$1.3 million.
  - (b) Between 2000 and 2010, about \$9 billion (in September 2001 prices) will be spent on upgrading 2 500 substandard government slopes and safety screening of 3 000 private slopes. In 2002-03, \$968 million will be allocated for the upgrading of 250 substandard government slopes and safety screening of 300 private slopes.

Signature \_\_\_\_\_

Name in block letters Dr. LAU CHING-KWONG

Post Title Director of Civil Engineering

Date 15 March 2002

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Reply Serial No.

WB14

Question Serial No.

0282

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 703 - Buildings

Subhead : 3029GK Regional depot for Water Supplies  
Department in Mainland South East

Programme :

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : What is the progress of "Regional depot for Water Supplies Department in Mainland South East" ? How will the allocation be spent in the coming financial year ?

Asked by : Hon. LI Wah-ming, Fred

Reply : Construction work for the project was completed in January 2000. The 2002-03 provision is for the settlement of final accounts.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 18 March 2002

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Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB16

Question Serial No.

0307

Head: 194 Water Supplies Department

Subhead(No. & title): 223 Purchase of water

Programme: (1)Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question :

Since there was excess storage in local reservoirs during the past few years which necessitated an overflow of more than 30000 m<sup>3</sup> of potable water amounting to a loss of around \$1b, why has the Administration still planned a provision of \$2,480 m for the purchase of water from Guangdong in 2002-03, which represents an increase of \$42.07 m over the revised estimate for 2001-02?

Asked by: Hon. LEUNG Fu-wah

Reply :

The 1989 Supply Agreement stipulated that the supply quantity would be increased by 30 million cubic metres (mcm) annually. Due to the shift of industry northwards, the growth rate of industrial consumption in the 90's was less than that predicted in fixing the 1989 Agreement. An agreement was further made in 1998 to reduce the annual increase to 10 mcm. With this revised annual increase, the 2002/03 provision will need an increase of about \$31 million to meet the annual increase of water supply at \$3.085/m<sup>3</sup>.

As part of the flexible supply arrangement agreed with the Guangdong side, the supply quantities originally scheduled for January and February 2002 have been slightly reduced. According to the current Supply Agreements, we have to pay for the undrawn water in the month following the end of the calendar year, i.e. in January 2003. The remaining \$11 million is to meet this deferred payment.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 19.3.2002

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Reply Serial No.

WB17

Examination of Estimates of Expenditure 2002-03

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0317

Head : 25 – Architectural Services Department

Subhead : 111 Hire of services &  
professional fees

Programme : (1) – Monitoring and Advisory Services  
(2) – Facilities Upkeep  
(3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for the Treasury (for Programme (2) - Facilities Upkeep)  
Secretary for Works (for Programme (1) – Monitoring and Advisory Services  
(3) – Facilities Development)

Question : There is a substantial increase of 161.2% in the provision for hire of services and professional fees. Regarding the consultants' fees, what items are involved? Compared with last year, by what percentage have the consultants' fees and ratio of outsourcing increased?

Asked by : Hon. LEUNG Fu-wah

Reply : A list of items involving engagement of consultants under Subhead 111 “hire of services and professional fees” in 2002-03 is at Annex.

The provision for consultants' fees in 2002-03 is \$31.5 million. This is \$22 million, or 231.5%, higher than the \$9.5 million provided in 2001-02. The increase is mainly due to the need to hire consultants to carry out valuation of 2 300 government buildings for the preparation of accrual-based accounts for the SAR Government to be published in 2003.

As regards the question on increase in ratio of outsourcing, it may be noted that expenditure under this Subhead is entirely for contracting out of services to private sector consultants.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 21 March 2002

## **Items requiring consultancy services under Subhead 111 in 2002-03**

1. Development, implementation and maintenance of computer application software.
2. Upgrading of quality management system to International Standards Organisation 9000:2000
3. Consultancy for the investigation and development of an elemental coding system for the building services equipment schedule in electronic format.
4. Investigation into the shaft friction in steel H-piles socketed into rock.
5. Investigation into bursting forces in pile caps arising from reaction of steel H-piles.
6. Consultancy for structural engineering service to supplement in-house team in Property Services Branch to assist in minor works projects.
7. Condition survey to government buildings and piers.
8. Geotechnical consultancy for anchor monitoring to slopes at North Point Primary School.
9. Consultancy to study safety and environmental precautions for demolition of buildings and to make recommendations for improvement.
10. Termite study and control in government buildings.
11. Cartographic preservation of identified historic buildings.
12. Term quantity surveying consultancy for account checking.
13. Consultancy for the supervision of minor works carried out by term contractors in order to uphold the quality of the maintenance works.
14. Consultancy for the long term improvement to prevent water damage to building services installation at government buildings (for 10 buildings).
15. Hire of consultants to carry out valuation of 2,300 government buildings for the preparation of accrual-based accounts for the SAR Government.

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB18

Question Serial No.

0348

Head : 43 - Civil Engineering Department Subhead (No. & title) :

Programme : (4) Slope Safety and Geotechnical Standards

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

Question : How many slopes were greened and landscaped in the past three years by the Civil Engineering Department? What was the related expenditure? Generally speaking, what percentage of cost does landscape works constitute amongst the total cost of slope upgrading works?

Asked by : Hon. CHOY So-yuk

Reply : In the past three years, 767 slopes and retaining walls were landscaped under the Landslip Preventive Measures Programme managed by the Civil Engineering Department. Amongst these, 470 were greened. The others were treated with landscape measures to enhance their appearance. The expenditures on landscaping were:

1999 - \$13 million  
2000 - \$33 million  
2001 - \$60 million

Generally speaking, the cost of landscape works constitutes about 10% of the total cost of slope upgrading works.

Signature \_\_\_\_\_

Name in block letters Dr. LAU CHING-KWONG

Post Title Director of Civil Engineering

Date 19 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB19

Question Serial No.

0373

Head: 56-G.S.: Planning and Lands  
Bureau and Works Bureau

Subhead (No. & title): 700 General other non-  
recurrent

Programme: (3) Intra-Governmental Services

Controlling Officer: Secretary for Works

Bureau Secretary: Secretary for Works

Question :

Under Subhead 700 - General other non-recurrent, the estimated expenditure for 2002-03 will decrease drastically by 62.75% as compared with the revised estimates for 2001-02. As such, what will be the amount to be allocated to programme (3): Intra-Governmental Services under this subhead in 2002-03? And how will it be used?

Asked by: Hon. HO Chung-tai, Raymond

Reply:

Under Subhead 700 General other non-recurrent, a total of \$4.09 million will be allocated to Programme (3) Intra-Governmental Services mainly for meeting expenditure on on-going items for improving construction safety and manpower resources planning in the construction industry.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S S LEE

Post Title \_\_\_\_\_ Secretary for Works

Date \_\_\_\_\_ 15 March 2002

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Examination of Estimates of Expenditure 2002-03 Reply Serial No.

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

WB20

Head : 91 Lands Department Subhead (No. & title) : — Question Serial No.

0379

Programme : (1) Land Administration

Controlling Officer : Director of Lands

Bureau Secretary : Secretary for Works

Question : Regarding the maintenance of slopes on unallocated and unleased government land, the number of man-made slopes to be inspected will increase by 27.4% (1 506) over the actual number in 2001, whereas that of to be improved will increase by 101.2% (1 207). Please give a breakdown of the financial provision earmarked for the maintenance works.

Asked by : Hon. SHEK Lai-him, Abraham

Reply :

A breakdown of the expenditure in 2001-02 and the provision in 2002-03 for the maintenance of slopes on unallocated and unleased government land is as follows:

<b>Head</b>	<b>Expenditure in 2001-02 \$m</b>	<b>Provision in 2002-03 \$m</b>
General Revenue Account Head 91 – Lands Department	99	99
Capital Works Reserve Fund Head 705 – Civil Engineering	44	63
<b>Total</b>	<b>143</b>	<b>162</b>

Signature \_\_\_\_\_

Name in block letters R.D. POPE

Post Title Director of Lands

Date 22.3.2002

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB21

Question Serial No.

0421

Head: 91 Lands Department

Subhead (No. & title): —

Programme: (1) Land Administration

Controlling Officer: Director of Lands

Bureau Secretary: Secretary for Works

Question : How much manpower and provision are estimated to be required to maintain and improve the "slopes on unallocated and unleased government land" in 2002?

Asked by: Hon. TAM Yiu-chung

Reply:

The manpower to be employed in the next financial year to maintain and improve man-made slopes on unallocated and unleased government land falling within the responsibility of Lands Department is as follows:

- 14 geotechnical engineer grade staff
- 41 technical staff
- 8 supporting general grades staff

The estimated total expenditure for maintenance and improvement of man-made slopes on unallocated and unleased government land under General Revenue Account Head 91 – Lands Department and Capital Works Reserve Fund Head 705 – Civil Engineering in 2002-03 is \$162 million.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ R. D. POPE

Post Title \_\_\_\_\_ Director of Lands

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**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

WB22

Question Serial No.

Head : Capital Works Reserve Fund  
Head 704 – Drainage  
Head 707 – New Towns and Urban  
Area Development

Subhead (No. & title):

0456

Programme :

Controlling Officer : Director of Drainage Services (Head 704)  
Director of Territory Development (Head 707)

Bureau Secretary : Secretary for Works

Question : (a) How much is the estimated expenditure to be incurred in financial year 2002-03 for supervising drainage improvement projects in West Kowloon, Northern New Territories and Northwest New Territories?

(b) What is the percentage of the estimated expenditure in financial year 2002-03 on the above drainage improvement projects compared with the total cost of the projects?

Asked by : Hon. SHEK Lai-him, Abraham

Reply : Expenditure for drainage improvement projects and that for the employment of resident site staff for supervising those projects are under Head 704 – Drainage and Head 707 – New Towns and Urban Area Development.

For Head 704 – Drainage

- (a) The estimated expenditure to be incurred in 2002-03 under Head 704 on supervision of the drainage improvement projects in West Kowloon, Northern New Territories and Northwest New Territories is about \$83 million.
- (b) In 2002-03, the estimated expenditure for drainage improvement projects in West Kowloon, Northern New Territories and Northwest New Territories under Head 704 is \$543 million, which is about 11% of the total cost of the projects.

Signature

Name in block letters

Post Title

Date

J. Collier

Director of Drainage Services

21 March 2002

For Head 707 – New Towns and Urban Area Development

- (a) The estimated expenditure to be incurred in 2002-03 under Head 707 on supervision of the drainage improvement projects undertaken by Territory Development Department (TDD) in Northern New Territories and Northwest New Territories is about \$31 million. TDD does not undertake any drainage improvement projects in West Kowloon.
- (b) In 2002-03, the estimated expenditure for drainage improvement projects in Northern New Territories and Northwest New Territories undertaken by TDD under Head 707 is \$342.8 million, which is about 15% of the total cost of the projects. There are also a number of projects under Head 707 supervised by in-house staff of Drainage Services Department. The estimated expenditure of these entrusted projects in 2002-03 is \$251 million, which is about 11% of the total cost of the projects.

Signature	_____
Name in block letters	H. K. Wong
Post Title	Director of Territory Development
Date	21 March 2002

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Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB 24

Question Serial No.

0460

Head: 56 – GS: Planning and Lands  
Bureau and Works Bureau

Subhead(No. & title):

Programme: (3) Intra-Governmental Services

Controlling  
Officer: Secretary for Works

Bureau Secretary: Secretary for Works

Question:

- (a) How many government slopes are there in the territory that need to be repaired, landscaped and improved in 2002-03?
- (b) What is the expenditure to be spent on this area?

Asked by: Hon. SHEK Lai-him, Abraham

Reply:

- (a) There are some 37 000 government-owned man-made slopes in the Government Slope Catalogue, and we will regularly maintain each of them. In addition, the Civil Engineering Department will continue to upgrade 250 government slopes per year under the 10-year Extended Landslip Preventive Measures (LPM) Programme, which is now in its third year. Every slope upgraded under the LPM Programme in 2002-03 will be landscaped to enhance its appearance.
- (b) In 2002-03 some \$600 million will be spent by government departments with slope maintenance responsibility for maintenance and improvement of government slopes. In addition, the Civil Engineering Department will spend \$968 million for upgrading 250 substandard government slopes and safety screening of 300 private slopes under the LPM Programme.

Signature

Name in block letters

Post Title

Date

S S LEE

Secretary for Works

20 March 2002

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Reply Serial No.

WB25

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0494

Head : 25 – Architectural Services Department      Subhead :

Programme : (1) – Monitoring and Advisory Services

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : It is stated under the heading “Matters Requiring Special Attention” of Programme (1) that the department will continue to promote environmental sustainability within the department and among contractors, consultants, and in government and subvented projects by implementing the “Green Contractor” Award Scheme.

- (a) Please give a breakdown of expenditure for the above task for the previous year and the estimated expenditure for the coming year.
- (b) What measures will the Government take when implementing the said Scheme ?

Asked by : Hon. CHAN Wai-yip, Albert

Reply : (a) The actual expenditure for promoting environmental sustainability in 2001-02 is \$8.2 million, comprising staff cost of \$7.5 million and other departmental expenses of \$0.7 million. The estimated expenditure for 2002-03 will be about the same as that in 2001-02. Actions taken to promote environmental sustainability include maintaining ISO 14001 procedures for the Department, providing environmental training for staff, organizing public functions such as environmental forums and exhibitions, implementing motivation schemes such as “Green Contractor” Award.

- (b) We implement the “Green Contractor” Award scheme to motivate contractors to pay more attention on environmental protection in construction sites. Through the scheme, we remind contractors of actions they can take to help environmental protection, such as complying with environmental regulations, and taking measures to reduce air, water and noise pollution and also construction wastes. Each year we select three contractors with the best environmental performance and present them with the “Green Contractor” Award.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 19 March 2002

Reply Serial No.

WB26

Question Serial No.

0495

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : It is mentioned in the aim of Programme (3) that the Department will strive to meet the demand for its services through various means.

- (a) What are the details and estimated expenditure for the innovative contract and administrative strategies that will be adopted by the Government?
- (b) How many new items will be outsourced in 2002-03? Please give a list of the project of these items and estimate the expenditure saved through outsourcing. What will the Government do with the civil servants affected by the outsourcing arrangement?

Asked by : Hon. CHAN Wai-yip, Albert

- Reply :
- (a) We adopted the following unconventional contract arrangements and administrative measures for some of the projects in 2001 as one of the means to meet the demand for our services :
    - (i) awarding design and build contracts;
    - (ii) packaging contracts and adopting designs with the specific purpose of taking advantage of prefabrication construction and economy of scale; and
    - (iii) inviting tenders in parallel with funding applications.We will continue to adopt these arrangements for appropriate projects. These contract arrangements are likely to result in savings in administrative costs when compared with the conventional approach.
  - (b) We intend to outsource 71 new items in 2002-03. A list is at the Annex. There is no net saving in the project expenditure through outsourcing. However, there will be saving in staff resources, which will be deployed to realise an expanded minor works programme. As such, there will not be any staff redundancy arising from the outsourcing arrangement.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 20 March 2002

	<b>PWP No.</b>	<b>Project Title</b>	<b>Total Cost (\$M)</b>
1	3302EP	Primary School in Area 31, Sheung Shui	93
2	3305EP	Two primary schools near Eastern Harbour Crossing in Kwun Tong	240
3	3-54EP	Primary school (School 2) in Area 73B, Tsueng Kwan O	91
4	3245ES	Secondary School in Area 31, Sheung Shui	103
5	3250ES	Secondary school in Area 27, Tung Chung	112
6	3-66ES	Secondary school in Area 4, Sai Kung	112
7	3304EP	Primary school at Wylie Road, Kowloon	122
8	3--2GK	Tung Wan Beach Building, Cheung Chau	18
9	3066GI	Proposed Joint User Development at the Combined Sheung Wan Ambulance Depot/Medical and Educational Services Centre Sites for HD, Judiciary, ED and FSD	1656
10	3072KA	Improvement works at Lo Wu Terminal Building - expansion of departure hall	52
11	3242LP	Marine Police Outer Waters District Headquarters and Marine Police North Division at Ma Liu Shui, Sha Tin	244
12	3237LP	Kowloon East Regional Headquarters and Operational Base at Kai Tak Operational Base site	972
13	3003NB	Additional Columbarium at Diamond Hill	128
14	3014NM to 3032NM	Retro-fitting of air-conditioning system and general improvement works to the existing 19 markets and cooked food centres	2367
15	3--2RE	Renovation for Libraries	281
16	3--1RM	Siu Sai Wan Complex	210
17	3--3RM	Tseung Kwan O Complex, Area 44, Tseung Kwan O	370
18	3-30RO	Sun Yat Sen Memorial Park (Phase II)	365
19	3-31RO	Improvement to Victoria Park - Swimming Pool Complex	105
20	3-32RO	Proposed Park in Aldrich Bay	83
21	3-33RO	Quarry Bay Park Phase II (Stages 2 & 3)	76
22	3-34RO	District Open Space Area 1, Tung Chung, Lantau	40
23	3-35RO	District Open Space Area 18, Tung Chung, Lantau	133
24	3-36RO	District Open Space Area 52, Tung Chung, Lantau	312
25	3-39RO	District Open Space Area 9, Tsing Yi	143
26	3-40RO	Sheung Lok Street Rest Garden (Site B - Service Building)	24
27	3-41RO	Improvement to Lok Wah Playground, Kwun Tong	51
28	3-42RO	District Open Space Area 37, Fanling/Sheung Shui	69
29	3-43RO	District Open Space Area 39, Fanling/Sheung Shui	45
30	3-44RO	Local Open Space Area 20, Fanling/ Sheung Shui (the Existing Luen Wo Hui Market Site)	24
31	3-45RO	Local Open Space Area 28, Fanling/Sheung Shui	40
32	3-47RO	Recreational Development of the LO site at North Ap Lei Chau Reclamation	40
33	3-48RO	Sham Shui Po Park Stage II	71
34	3-51RO	Ma On Shan Waterfront Promenade	132
35	3-52RO	District Open Space Area 40A, Tseung Kwan O	69
36	3-53RO	District Open Space Area 18 (Lung Mun), Tuen Mun	61
37	3-54RO	Local Open Space Area 16 (Yau Oi South) Tuen Mun	61
38	3-57RO	District Open Space Area 5, Tai Po	34

39	3-58RO	Local Open Space Area 6, Tai Po	25
40	3-59RO	Recreation Ground Area 33, Tai Po	33
41	3-62RO	Waterfront Promenade Tsuen Wan Bay Further Reclamation	91
42	3-63RO	DO Development at Po Kong Village Road	338
43	3-65RO	Local Open Space Ping Shan, Yuen Long	37
44	3377RO	Open Space Area 15, Tin Shui Wai	57
45	3-68RO	Cherry Street Park, Tai Kok Tsui	113
46	3--1RS	Indoor Recreation Centre (Type C) cum Library Area 17, Tung Chung, Lantau	286
47	3--3RS	Indoor Recreation Centre Area 4 Tsing Yi	167
48	3--4RS	Improvement to Kwun Tong Swimming Pool	263
49	3--5RS	Improvement to the Jockey Club Wong Shek Water Sports Centre	30
50	3--6RS	Hin Tin Public Swimming Pool Phase II, Sha Tin	198
51	3--7RS	Indoor Recreation Centre-cum-Library Area 14B, Sha Tin	353
52	3240RS	Ma On Shan Sports Ground Phase II, Shatin	111
53	3--9RS	Sports Ground, Town Park and Indoor Recreation Centre in Area 45, Tseung Kwan O	450
54	3-10RS	Sports Ground, Town Park and Indoor Recreation Centre in Area 45, Tseung Kwan O (Remaining Phase - Town Park and IRC)	595
55	3-11RS	Improvements to Butterfly Beach Area 44 (Ferry Pier) Tuen Mun	47
56	3-12RS	Indoor Recreation Centre Area 14 (Siu Lun) Tuen Mun	137
57	3-13RS	Swimming Pool Complex Area 1 (San Wai Court), Tuen Mun	275
58	3-14RS	Football Pitch and Changing Facilities Area 5, Tai Po	44
59	3-16RS	Public Library and Indoor Recreation Centre, Area 3 Yuen Long	303
60	3-17RS	Tin Shui Wai Public Library cum Indoor Recreation Centre	381
61	3--2SC	Joint-user building at Tseng Choi Street, Area 10, Tuen Mun	120
62	3--3SC	Welfare Complex and Community Hall at Tseung Kwan O Area 15	234
63	3151TB	Widening and air-conditioning of Lo Wu Footbridge	46
64	8-20EC	Construction works for schools in the final phase of the School Improvement Programme	7869
65	8-21EC	Noise Abatement Programme in Schools Stage V	142
66	B--2CL	Demolition of the existing Wong Tai Sin Police Married Quarters and Medical Clinic	25
67	3306EP	A Primary School at Shek Lei Estate, Phase 2	102
68	3--2RM	Tung Chau Street Complex	411
69	3--49RO	District Open Space Area 90, Ma On Shan	50
70		[Part of CKR Project] Reprovisioning of Yau Ma Tei Divisional Police Station	270
71		[Part of CKR Project] Reprovisioning of GIC Facilities - Transport Department	500
		<b>Total</b>	<b>\$23Bn</b>

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB27

Question Serial No.

0496

Head : 39 Drainage Services Department Subhead (No. & title) :

Programme : (1) Stormwater Drainage

Controlling Officer : Director of Drainage Services

Bureau Secretary : Secretary for Works

- Question :
- (1) Out of the 1 542 km and 1 552 km stormwater drains and drainage channels inspected by the Drainage Services Department in 2000 and 2001 respectively, how many of these stormwater drains and drainage channels together with their respective length were found to be of inadequate flow capacity?
  - (2) In the coming financial year, how many drainage improvement works items will be carried out for improving stormwater drains and drainage channels of inadequate flow capacity? What is the estimated expenditure?

Asked by : Hon. TAM Yiu-chung

- Reply :
- (1) The purpose of the inspection of stormwater drains and drainage channels is mainly to identify whether there are any defects or siltation problems that may reduce the flow capacity in the drainage system. Of the stormwater drains and drainage channels inspected in 2000, about 390 km were found to have minor defects or siltation problems. In 2001, the length of stormwater drains and drainage channels needing repair, desilting or minor improvement works is about 445 km.
  - (2) In 2002-03, preventive maintenance and local drainage improvement works will continue to be carried out to maintain and improve the flow capacity of the drainage system. It is estimated that these works will comprise the cleansing and desilting of about 450 km of stormwater drains and drainage channels, rehabilitation of 3 km of river banks and channel walls, replacement of 2 km of stormwater drains and repair of 9 km stormwater drains. The cost of these works is estimated to be about \$110 million under the recurrent account.

In addition to the above, a large programme of drainage improvement works including river training, floodwater pumping stations and upgrading of stormwater drains is in progress. Estimated expenditure for these capital works is \$606 million in 2002-03 under the Capital Works Reserve Fund Head 704.

Signature	
Name in block letters	J. Collier
Post Title	Director of Drainage Services
Date	19 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB28

Question Serial No.

0549

Head: 91 Lands Department

Subhead (No. & title):

Programme: (1) Land Administration

Controlling Officer: Director of Lands

Bureau Secretary: Secretary for Works

Question : Regarding the maintenance and improvement of man-made slopes mentioned in the Matters Requiring Special Attention in 2002-03,

- (a) how many man-made slopes were maintained and improved last year and what was the expenditure thus incurred;
- (b) what is the estimated expenditure in this respect in the coming year; and
- (c) what is the specific plan on maintaining and improving man-made slopes in the coming year?

Asked by: Hon. CHAN Wai-yip, Albert

Reply:

- (a) In 2001-02, Lands Department carried out maintenance, repair and improvement works to 1 200 man-made slopes. The expenditure on these repair and improvement works is estimated to be \$79 million.
- (b) In 2002-03, the estimated expenditure for similar maintenance, repair and improvement works to man-made slopes is \$87 million.
- (c) In 2002-03, the Lands Department maintenance, repair and improvement works programme for man-made slopes is as follows:
  - minor repairs to surface cover and drainage in respect of 2 250 slopes (estimated expenditure : \$24 million).
  - major improvements to 150 slopes including provision of new surface cover and drainage systems and structural support such as soil nailing (estimated expenditure : \$63 million).

Signature \_\_\_\_\_

Name in block letters R.D.Pope

Post Title Director of Lands

Date 22.3.2002

Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB29

Question Serial No.

0550

Head: 91 Lands Department

Subhead (No. & title):

Programme: (1) Land Administration

Controlling Officer: Director of Lands

Bureau Secretary: Secretary for Works

Question : Regarding the maintenance and improvement of natural slopes,

- (a) how many natural slopes were maintained and improved last year and what was the expenditure thus incurred;
- (b) what is the estimated expenditure in this respect in the coming year; and
- (c) what is the specific plan on maintaining and improving natural slopes in the coming year?

Asked by: Hon. CHAN Wai-yip, Albert

Reply: Unlike man-made slopes, natural slopes generally do not require active maintenance.

Civil Engineering Department (CED) has been studying the landslide hazards posed by natural terrain. In 2001, the department has completed natural terrain hazard studies on 3 selected sites, and the necessary mitigation works are being arranged. The cost for undertaking the studies is about \$2 million and the estimated cost of the necessary mitigation works is about \$30 million over the next two years.

CED will continue with its studies to collect more information on natural terrain landslide hazards. Five sites have been identified for study in the coming year, which may result in implementing mitigation works in subsequent years. The cost of the studies is about \$5 million.

Signature \_\_\_\_\_

Name in block letters R. D. POPE

Post Title Director of Lands

Date 20.3.2002

Reply Serial No.

WB30

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0686

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : Please provide a list of the 58 posts deleted under the Enhanced Productivity Programme and specify the saving in the amount of expenditure as a result of the deletion of posts.

Asked by : Hon. LI Fung-ying

Reply : A list of the posts to be deleted in 2002-03 for Programme (3) – Facilities Development under the Enhanced Productivity Programme is as below :

<u>Rank</u>	<u>No. of posts</u>	<u>Savings (\$M)</u>
Architect/Assistant Architect	3	1.419
Quantity Surveyor/Assistant Quantity Surveyor	3	1.419
Structural Engineer/Assistant Structural Engineer	1	0.473
Technical Officer/Technical Officer Trainee (Architectural)	12	2.168
Technical Officer/Technical Officer Trainee (Structural)	13	2.347
Technical Officer/Technical Officer Trainee (Building Services)	1	0.181
Survey Officer/Survey Officer Trainee (Quantity)	14	2.528
Assistant Clerk of Works	6	1.627
Works Supervisor II (Building)	5	0.931
-----		
Total	58	13.093

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_

S. H. PAU

Post Title \_\_\_\_\_

Director of Architectural Services

Date \_\_\_\_\_

18 March 2002

Reply Serial No.

WB31

Question Serial No.

0687

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department

Subhead :

Programme : (1) – Monitoring and Advisory Services

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : Please provide a list of the three posts deleted under the Enhanced Productivity Programme and the three posts deleted on completion of a time-limited project in 2002-03, and specify the saving in the amount of expenditure as a result of the deletion of posts.

Asked by : Hon. LI Fung-ying

Reply : The details of these posts are :-

(a) Savings for Enhanced Productivity Programme

<u>Rank</u>	<u>No.</u>
Technical Officer/ Technical Officer Trainee (Architectural)	1
Survey Officer/ Survey Officer Trainee (Quantity)	2
-----	
Total	3

(b) Lapse of a Time-limited Project

<u>Rank</u>	<u>No.</u>
Senior Chinese Language Officer	1
Chinese Language Officer II	1
Calligraphist	1
-----	
Total	3

We will achieve annual savings of \$1.79 million upon deletion of the six posts.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 18 March 2002

Reply Serial No.

WB32

Examination of Estimates of Expenditure 2002-03

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0689

Head : 25 – Architectural Services Department

Subhead : 002 Allowances

Programme : Programme (1) – Monitoring and Advisory Services

Programme (2) – Facilities Upkeep

Programme (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for the Treasury (for Programme (2) – Facilities Upkeep)

Secretary for Works (for Programme (1) – Monitoring and Advisory Services)

Programme (3) – Facilities Development)

Question : Since the Department plans to delete 80 non-directorate posts in 2002-03, why is the provision of \$23,952,000 for standard allowances \$772,000 higher than the revised estimate for 2001-02 ?

Asked by : Hon. LI Fung-ying

Reply : The increase in the provision for Subhead 002 Allowances by 3.3% is required mainly to cater for additional overtime work made necessary as a result of Government's initiative to increase spending on minor refurbishment and building works in 2002-03, by some \$1.5 billion.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 21 March 2002

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Reply Serial No.

WB 33

Examination of Estimates of Expenditure 2002-03

**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0690

Head : 25 – Architectural Services Department

Subhead : 002 Allowances

Programme : Programme (1) – Monitoring and Advisory Services

Programme (2) – Facilities Upkeep

Programme (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for the Treasury (for Programme (2) – Facilities Upkeep)

Secretary for Works (for Programme (1) – Monitoring and Advisory Services)

Programme (3) – Facilities Development)

Question : Please provide a breakdown of the estimated expenditures of various allowances in 2001-02 and 2002-03.

Asked by : Hon. LI Fung-ying

Reply : A breakdown of the allowances under Subhead 002 Allowances is as follows :-

<b>Subhead</b>	<b>2001-02 Revised Estimate</b>	<b>2002-03 Draft Estimate</b>
	\$	\$
002 Allowances		
Item 002 Overtime Allowance	14,729,000	15,282,000
Item 021 Acting Allowance	8,451,000	8,670,000
	<u>23,180,000</u>	<u>23,952,000</u>

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_

S. H. PAU

Post Title \_\_\_\_\_

Director of Architectural Services

Date \_\_\_\_\_

18 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB34

Question Serial No.

0740

Head: 56 – GS: Planning and Lands  
Bureau and Works  
Bureau

Subhead (No. & title): 001-Salaries

Programme:

Controlling Officer: Secretary for Works

Bureau Secretary: Secretary for Works

Question :

Regarding the expenditure on salaries, the revised estimate is 7.05% higher than the approved estimate for 2001-02, while the estimate for 2002-03 is 7.38% higher than the revised estimate for 2001-02. What are the reasons for the increase?

Asked by: Hon. LAU Wong-fat

Reply:

In respect of the salaries provision under Subhead 001,

- (a) the revised estimate for 2001-02 is 7.05% higher than the approved estimate mainly due to additional posts required for implementing the Construction Industry Review Committee's recommendations and increase in expenditure arising from the 2001 salary adjustment; and
- (b) the draft estimate for 2002-03 is 7.38% higher than the revised estimate for 2001-02 mainly due to new resources for the Urban Renewal Team which was previously funded by the Urban Renewal Authority and the full-year effect of posts created in 2001-02.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S S LEE

Post Title \_\_\_\_\_ Secretary for Works

Date \_\_\_\_\_ 19 March 2002

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Examination of Estimates of Expenditure 2002-03**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**Head : 25 – Architectural Services DepartmentSubhead :Programme : (1) – Monitoring and Advisory Services

(3) – Facilities Development

Controlling Officer : Director of Architectural ServicesBureau Secretary : Secretary for Works

Question : At present, the Architectural Services Department (Arch SD) provides professional and technical advice on government subvented and joint-venture projects, including vetting of budget, design and tender preparation, identifying non-conformities in the design and tendering procedures and carrying out construction works. In this connection, can the Government inform this Council :

- (a) whether similar consultancy services are provided in the private sector? Take the building of a standard 30-classroom secondary school as an example, can the bureau concerned give a comparison of the cost involved in the completion of the above work procedures by the Arch SD and the consultant providing the contracted-out service?
- (b) if the design, tendering and construction works of government buildings and buildings of quasi-government organizations such as community halls and primary and secondary schools are contracted out, then under the motivation of the private sector, some innovative architectural designs can be made. Take the building of a standard 30-classroom secondary school as an example, can the bureau concerned give a comparison of the cost involved in the design, tendering and construction works of standard and non-standard design school premises?

Asked by : Hon. IP Kwok-him

Reply : (a) Our Monitoring and Advisory Services under Programme 1 consist of largely an auditing role integrated with a professional advisory role. We act as Government's auditor and professional advisor on subvented and joint-venture projects to make sure that in accordance with prudent-spending principle, cost-effective designs are adopted by the non-government parties, and that tendering is carried out in a fair and transparent manner. We also act as Government's corporate advisor to provide professional input to other departments on technical and regulatory matters. In the interest of the public, it is more appropriate for the Government to take up the auditing and professional advisory role. We consider that these tasks should not be outsourced to the private sector.

As regards the design and construction of building and related facilities under Programme 3, the professional services required can be provided by consultants in the private sector. In fact we have been outsourcing and will continue to outsource the professional services for the design and project management of projects. We do not have specific projects where in-house design and project management services can be compared directly with outsourced services. Our overall assessments show that the overhead costs for projects implemented under in-house design mode are comparable with outsourced ones.

- (b) There are also innovative architectural design features in our in-house designs. As an example, three of our in-house design won the Hong Kong Institute of Architects Annual Award in 2001 (Hong Kong Wetland Park Visitor Centre Phase 1; Hong Kong Museum of Coastal Defence at Lee Yue Mun; and Hong Kong Garden at the International Horticultural Exposition in Kunming). The design cost of a project is significantly reduced if a standard design is adopted because of the design effort saved. As an illustration based on two recent projects involving a 30-classroom primary school standard design and another with non-standard design, the design and tendering costs for the standard school are around 20% of those for the non-standard school. The tendered price for the standard school is around 80% of that for the non-standard school.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 21 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB36

Question Serial No.

0780

Head : 43 - Civil Engineering Department Subhead (No. & title) :

Programme : (4) Slope Safety and Geotechnical Standards

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

Question : The Civil Engineering Department is reviewing the long-term durability of steel soil nails, and finalising the model specification for soil testing. Would the Government please inform this Council:

- (a) When will the results of the above-mentioned review and the model specification be issued?
- (b) What are the crucial changes to the specifications in slope maintenance works after the review? What are the effects to the costs of private slope maintenance works, and to the annual costs of government slope maintenance works?

Asked by : Hon. IP Kwok-him

- Reply :
- (a) The report on the review of the long-term durability of steel soil nails will be issued in June this year. The model specification for soil testing was finalised and published in January 2002.
  - (b) The model specification for soil testing aims to establish the local standards of soil testing and to improve the quality of testing. It should have very little effect on the costs of slope maintenance works. With regard to the review report on the long-term durability of steel soil nails, proposed improvements are being discussed and deliberated with a view to ensuring cost-effectiveness of slope works.

Signature \_\_\_\_\_

Name in block letters Dr. LAU CHING-KWONG

Post Title Director of Civil Engineering

Date 20 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB37

Question Serial No.

0782

Head: 56-G.S.: Planning and Lands      Subhead (No. & title):  
Bureau and Works Bureau

Programme:                    (3) Intra-Governmental Services

Controlling Officer:    Secretary for Works

Bureau Secretary:        Secretary for Works

Question :

Public works projects require several delivery procedures before construction commences. A minor project, such as the construction of a footbridge, takes one year to complete these procedures, which compares unfavourably with our neighbouring cities. In this regard, would the Government provide information on the following:

- (d) Measures to be introduced to streamline delivery procedures. When will the streamlined procedures be announced and implemented?
- (e) What are the annual savings to be brought about by the streamlined delivery procedures? Will the Government make such announcements upon the introduction of the procedures?

Asked by:    Hon. IP Kwok-him

Reply:

- (a) In order to speed up the delivery of public works projects, we have already streamlined and implemented a series of procedures since August last year, including simplification of the requirements for preliminary project feasibility studies, allowing the statutory gazetting of projects in parallel with the environmental impact assessment process, simplification of the administrative procedure for land resumption and advancement of tendering for works contracts before funding is secured. The gist of these procedures was already announced in our briefing to the special meeting of the LegCo Public Works Subcommittee on 14 November 2001.

In the coming year, we plan to further explore the opportunity for fast-tracking our projects. We shall focus on reviewing whether the administrative procedures on the resolution of statutory public objections, which now lie on the critical path of our project planning programme, could be improved in order to cut short the overall time required before construction works can commence.

- (b) As working procedures are simplified, we expect there will be some savings in staff time and consultancy input, and hence savings in project costs, due to enhanced efficiency. However, it is difficult to quantify those savings at this moment.

Signature \_\_\_\_\_

Name in block letters S S LEE

Post Title Secretary for Works

Date 18 March 2002

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB38

Question Serial No.

0783

Head: 194 Water Supplies Department

Subhead(No. & title):

Programme: (1) Water Supply: Planning and Distribution

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : The quality of water supplies has bearing on the health of all the citizens in the territory and has long been the public concern. In this connection, will the Administration inform this Council:

- (a) In the previous year, what progress has been made on finding clean and reliable alternative water source as well as on the discussion with the relevant mainland authorities?
- (b) There is still no salt water supply to some existing villages in the New Territories where fresh water is used for flushing, resulting in certain wastage. Taking some villages in the North West New Territories as an example, will the Water Supplies Department have any plans to provide salt water to them? Will the plan be implemented before discussing the next Dongjiang water supply agreement so as to cut down the cost of water supply in the long term? If not, why?

Asked by: Hon. IP Kwok-him

Reply:

- (a) The studies on alternative fresh water resources including desalination, effluent recycling and further development of local catchment are in the final stage. No conclusion has yet been made pending collection and analysis of more information. At present, the quality of Dongjiang water at the abstraction point of Dongjiang, i.e. at Taiyuan Pumping Station complies with the raw water quality standard. The closed aqueduct which is under construction will convey the water and protect its quality from Dongjiang to Shenzhen Reservoir before delivering to Hong Kong. We will continue to monitor the progress of the closed aqueduct construction and the quality of the water at Taiyuan Pumping Station as well as the water delivered to Hong Kong. We will also continue to discuss the measures to protect the quality of Dongjiang water with the Guangdong Authority at the meetings of the Special Panel on Protection of Dongjiang Water Quality.
- (b) To cope with developments in North West New Territories (NWNT) areas, a feasibility study is being carried out to expand the water supply system in NWNT including the provision of sea water supply for flushing to reduce the demand for fresh water. The feasibility study will be completed later this year. Any reduction in fresh water demand arising from the conversion will be reflected in our projection of future fresh water requirement which will be a key factor in the negotiation for the Dongjiang water supply quantity.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB39

Question Serial No.

0788

Head : 43 - Civil Engineering Department Subhead (No. & title) :

Programme : (4) Slope Safety and Geotechnical Standards

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

- Question :
- (a) In the 8<sup>th</sup> Information Paper on Slope Safety submitted to LegCo Panel on Planning, Lands and Works by Works Bureau on 31 March 2001 (LegCo Paper No. CB(1)981/00-01), the Civil Engineering Department planned to inspect 5 000 squatter structures by September 2001. It is reported that only 4 700 squatter structures were inspected in Programme (4) in the Controlling Officer's Report. Between October 2000 and September 2001, how many squatter structures were inspected by your Department? If the target was not reached, what are the reasons?
  - (b) In the same Information Paper, the administration plans to launch a new initiative to carry out an annual programme of systematic audit of the maintenance of 1 200 private slopes, and to improve 300 government slopes by March 2002. What were the budget estimates, the actual expenditures and the results?

Asked by : Hon. TANG Siu-tong

- Reply :
- (a) Between October 2000 and September 2001, 5 400 squatter structures were inspected, exceeding the target of 5 000.
  - (b) Private slope owners are responsible for maintaining their slopes. After further reviewing the strategy of enhancing private slope maintenance, we considered that the proposed audit initiative might have encouraged private owners to remain passive. We have therefore adopted an alternative approach to improve private slope maintenance through stepping up of advisory services to private slope owners through our Community Advisory Unit and of public education and public information services on slope safety issues through our Public Education Unit.

As part of maintenance of government slopes, departments responsible for slope maintenance are also improving the conditions of slopes using prescriptive measures. As at March 2002, over 300 slopes have been improved. The budget and the actual expenditure were about \$ 142 million and \$ 135 million respectively.

Signature

Name in block letters

Dr. LAU CHING-KWONG

Post Title

Director of Civil Engineering

Date

21 March 2002

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO**  
**WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB40

Question Serial No.

0819

Head : 43 - Civil Engineering Department Subhead (No. & title) :

Programme : (4) Slope Safety and Geotechnical Standards

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

Question : It is stated in the Brief Description that safety screening studies of 316 private slopes were completed in 2001. My questions are:

- (a) How many of these slopes are located in the Wong Tai Sin and Kwun Tong Districts. Please list the locations of the concerned slopes. Amongst these concerned slopes, which slopes require follow-up and repair works?
- (b) How many safety screening studies will be conducted in the coming year? How many of these slopes are located in the Wong Tai Sin and Kwun Tong Districts? Please list the locations of these slopes.

Asked by : Hon. LI Wah-ming, Fred

Reply : (a) Out of the 316 private slopes on which safety screening studies were completed in 2001, three are located in Wong Tai Sin District, and six are located in the Kwun Tong District. The findings of the safety screening studies undertaken on these nine slopes are as follows:

District	Slope No.	Location of Slope	Findings of Safety Screening Study
Wong Tai Sin	11NE-A/CR47	Hammer Hill Road	Investigation and possibly upgrading works required
	11NE-A/CR551	Hammer Hill Road	No follow-up actions required
	11NE-A/CR146	Sheung Fung Street	Maintenance works required
Kwun Tong	11NE-B/C9	Shun Chi Street	Maintenance works required
	11NE-B/C247	Shun Chi Street	Maintenance works required
	11NE-C/C66	Hong Ning Road	Investigation and possibly upgrading works required
	11NE-C/C73	Kung Lok Road	Investigation and possibly upgrading works required
	11NE-C/C74	Kung Lok Road	Investigation and possibly upgrading works required
	11SE-B/CR162	Ko Chiu Road	Maintenance works required

Information on these slopes can also be obtained from the Hong Kong Slope Safety Website (<http://hkss.ced.gov.hk>)

- (b) It is planned to complete safety screening studies on 300 private slopes in 2002. Three of these are located in the Wong Tai Sin District and three are in the Kwun Tong District. The locations of these slopes are as follows:

<b>District</b>	<b>Slope No.</b>	<b>Location of Slope</b>
Wong Tai Sin	11NE-A/C253	Fung Shing Street
	11NE-A/C254	Hammer Hill Road
	11NE-A/C489	Hammer Hill Road
Kwun Tong	11NE-D/R46	Sau Nga Road
	11NE-D/R47	Sau Nga Road
	11NE-D/F401	Sau Nga Road

Information on these slopes can also be obtained from the Hong Kong Slope Safety Website (<http://hkss.ced.gov.hk>)

Signature \_\_\_\_\_

Name in block letters Dr. LAU CHING-KWONG

Post Title Director of Civil Engineering

Date 21 March 2002

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Reply Serial No.

WB41

Question Serial No.

0847

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department      Subhead :

Programme : (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : The actual percentage of projects completed within the approved time scale was 91.2% in 2001, which was lower than that of 2000. Why was that so ? Was it related to the outsourcing of services ? If yes, how can it be ensured that the target of 100% completion of projects within the approved time scale will be met in 2002/03 given the further outsourcing of services ?

Asked by : Hon. LEUNG Yiu-chung

Reply : The drop in the percentage of projects completed within the approved time scale in 2001 was not related to outsourcing of services. Those projects that were not completed within the approved time scale were due to non-performance and delays by contractors. There is no relationship between the 2000 and 2001 percentages of projects completed within the approved time scale.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 20 March 2002

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Reply Serial No.

WB42

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Question Serial No.

0848

Head : 25 – Architectural Services Department      Subhead : 111 – Hire of services and professional fees

Programme : (1) – Monitoring and Advisory Services  
(2) – Facilities Upkeep  
(3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for the Treasury (for Programme 2 – Facilities Upkeep)  
Secretary for Works (for Programme 1 – Monitoring and Advisory Services  
Programme 3 – Facilities Development)

- Question : (1) The estimate under this subhead is 161.2% higher than that for the previous year, mainly due to additional provision for consultants' fees relating to building services, structural engineering and maintenance-related projects as well as valuation of government buildings for implementation of accrual accounting. Please provide a breakdown of the rates of increase of these expenses.
- (2) Instead of being undertaken by the Architectural Services Department itself in order to cut costs, why are these services going to be outsourced ?

Asked by : Hon. LEUNG Yiu-chung

Reply : The rates of increase and the reasons for outsourcing are set out at the Annex.

Signature

Name in block letters

Post Title

Date

S. H. PAU

Director of Architectural Services

22 March 2002

	<b>% of increase compared to 2001-02</b>	<b>Reason for outsourcing</b>
Building Services consultancy	*NA	The consultancy is essentially information technology -related and is required to meet the requirements of the e-tendering initiative of Works Bureau and to suit management needs. It would be more cost effective and efficient to outsource such services to consultants in relevant specialized field.
Structural Engineering consultancy	*NA	The consultancies are to secure expertise outside Arch SD.
Property Services consultancy	78.6%	Some items involve specialist consultants. The other items are required because of limited in-house resources in quantity surveying and structuring engineering to meet the increased spending of \$1,500 million for maintenance and minor works projects in 2002-03.
Valuation of government buildings for accrual accounting	*NA	The consultancy involves valuation expertise not available in the department.
Consultancy for Central Management Branch which provides cross-disciplined services to the Department	433%	Some items involve specialist consultants, such as computer specialist and building façade specialist.  The other items are collaborative research and development projects that require outside expertise.

\*There was no consultancy in this category in 2001-02.

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB43

Question Serial No.

0904

Head: 91 Lands Department

Subhead (No. & title): —

Programme: (1) Land Administration

Controlling Officer: Director of Lands

Bureau Secretary: Secretary for Works

Question : Please advise this Council the annual expenditure for the maintenance and improvement of man-made slopes on unallocated and unleased government land.

Asked by: Hon. CHAN Kam-lam

Reply: The estimated total expenditure for maintenance and improvement of man-made slopes on unallocated and unleased government land under General Revenue Account Head 91 – Lands Department and Capital Works Reserve Fund Head 705 – Civil Engineering in 2001-02 and that of 2002-03 are \$143 million and \$162 million respectively.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ R. D. POPE

Post Title \_\_\_\_\_ Director of Lands

Date \_\_\_\_\_ 22.3.2002

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB44

Question Serial No.

1013

Head: 194 Water Supplies Department

Subhead(No. & title):

Programme: (3) Customer Services

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : Why does the Water Supplies Department estimate that the fines imposed in the coming year will be more than that of 2001 as shown in the indicators of the above programme?

Asked by: Hon. WONG Yung-kan

Reply:

The estimated fine for 2002-03 is in line with the average annual fine of the past 5 fiscal years. It is higher than the 2001-02 fine because the actual 2001-02 fine is below the average of the past 5 fiscal years.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB45

Question Serial No.

1018

Head : 43 - Civil Engineering Department      Subhead (No. & title) :

Programme : (5) Geotechnical Services

Controlling Officer : Director of Civil Engineering

Bureau Secretary : Secretary for Works

Question : The current marine disposal of mud and sand dredging often attract a lot of strong objections from the fishing industry and green groups. In this connection, will the Government inform this Council of the following:

Will CED consider moving the marine disposal of mud and sand dredging to the open sea? If yes, what is the amount of cost involved in the management? What is the increase in cost to the local construction industry? If not, why not?

Asked by : Hon. IP Kwok-him

Reply : Marine disposal of mud and sand dredging in open sea involve exploitation and protection of the world's common resources. The international practice is to avoid disposal of mud in the open sea. Moreover, water at the open sea is too deep for current technology of sand dredging.

Signature \_\_\_\_\_

Name in block letters      Dr. LAU CHING-KWONG

Post Title      Director of Civil Engineering

Date      21 March 2002

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB46

Question Serial No.

1066

Head: 194 Water Supplies Department Subhead(No. & title):

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : How much resources will be reserved by the Water Supplies Department to ensure that the potable water quality conforms to drinking water standards ?

Asked by: Hon. WONG Yung-kan

Reply: Water Supplies Department has allocated \$172.4 million for the purpose of water quality control in 2002-03. This allocation is mainly for control of the quality of fresh water to ensure compliance with the World Health Organisation Guidelines for Drinking-water Quality (1993). A small portion of the allocation is for control of the quality of sea water for flushing. As the facilities and staff are shared for the control of fresh water and sea water quality, they are not accounted for separately.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

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Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB47

Question Serial No.

1067

Head: 194 Water Supplies Department Subhead(No. & title):

Programme: (2) Water Quality Control

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : Please list out the content of the publicity programmes for "Our water, our future" and the expenditure involved.

Asked by: Hon. WONG Yung-kan

Reply:

"Our Water, Our Future" is an educational and community publicity campaign with a total budget of \$500,000 to promote the public's awareness on the following themes :

1. Water Supplies Department's stringent control on the quality of water supply through organizing open days for water treatment works and advertisement at a budget of \$200,000.
2. Customers' responsibility in the maintenance of plumbing in buildings through achievement recognition scheme, exhibitions and advertisement at a budget of \$240,000.
3. Current and new customer services, e.g. call centre and electronic services on-line provided by Water Supplies Department through the production of promotional materials and advertisement at a budget of \$60,000.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
 WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB48

Question Serial No.

1100

Head : CWRP Head 704 - Drainage      Subhead (No. & title) :

Programme :

Controlling Officer : Director of Drainage Services

Bureau Secretary : Secretary for Works

Question :                      What is the number of stormwater drainage projects under detailed design for this financial year? How many of them are major flood prevention projects in flood-prone areas of the New Territories? Please provide details of these projects, their completion dates and financial resources required.

Asked by :                      Hon. WONG Yung-kan

Reply :                              Detailed design of 17 stormwater drainage projects will continue in financial year 2002-03. Fifteen of them are major flood prevention projects in flood-prone areas of the New Territories. The details of these projects, with a total estimated cost of about \$4.2 billion, are listed below -

Item No.	Project Title	Estimated Completion Date	Brief Description
4064CD	Rural drainage rehabilitation scheme	end 2005	Training of River Ganges (Ping Yuen River), Mo Fan Heung Stream and Sha Po Stream
4090CD	Regulation of Shenzhen River, stage III	mid 2005	Training of Shenzhen River between Lo Wu and River Ganges
4092CD	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvements, stage 1, phase 2 - Kam Tin and Ngau Tam Mei	mid 2006	Construction of drainage channels in Kam Tin and Ngau Tam Mei
4102CD	Drainage improvement in Tuen Mun and Sham Tseng	end 2007	Upgrading of urban drainage and construction of drainage channels in Tuen Mun and Sham Tseng
4109CD	Drainage improvement in Sha Tin and Tai Po	end 2007	Upgrading of urban drainage, and construction of drainage channels, flood walls and flood water pumping stations in Sha Tin and Tai Po
4110CD	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi - urban drainage improvement works	mid 2005	Upgrading of urban drainage in Tsuen Wan and Kwai Chung
4112CD	Drainage improvement in Northern New Territories - package A	end 2008	Upgrading of urban drainage and construction of drainage channels in San Tin North, Ping Kong, Kau Lung Hang and Ma Wat

Item No.	Project Title	Estimated Completion Date	Brief Description
4118CD	Drainage improvement in Northern New Territories - package B	end 2009	Construction of drainage channels in San Tin South, Kwu Tung, Ma Tsao Lung and Fu Tei Au
4119CD	Drainage improvement in Northern New Territories - package C	end 2009	Construction of drainage channels in Lung Yeuk Tau, Man Uk Pin, Ta Kwu Ling, Ping Che and Lin Ma Hang
4120CD	Drainage improvement in Sai Kung	end 2008	Construction of drainage channels in Sai Kung
7022CD	NWNT Development - main drainage channels for Yuen Long and Kam Tin - remainder, phase 4	early 2005	Construction of drainage channels in Tin Tsuen
7070CD	Yuen Long bypass floodway	end 2005	Construction of drainage channels in Yuen Long South
7073CD	Main drainage channels and poldered village protection schemes for San Tin, NWNT phase 3, part I - eastern main drainage channel for San Tin	end 2005	Construction of the Eastern Main Drainage Channel in San Tin
7074CD	Village flood protection for Yuen Long, Kam Tin and Ngau Tam Mei NWNT - stage II	mid 2005	Construction of floodwater pumping stations in Tai Kiu and Shui Pin Tsuen
7227CL	Tin Shui Wai development - village flood protection works for Sheung Cheung Wai	mid 2005	Upgrading of floodwater pumping stations in Sheung Cheung Wai

Signature \_\_\_\_\_  
Name in block letters \_\_\_\_\_ J. Collier  
Post Title \_\_\_\_\_ Director of Drainage Services  
Date \_\_\_\_\_ 23 March 2002

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Reply Serial No.

WB49

Question Serial No.

1138

Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Head : 25 – Architectural Services Department

Subhead :

Programme : (3) – Facilities Development

Controlling Officer : Director of Architectural Services

Bureau Secretary : Secretary for Works

Question : What constitute “innovative contract and administrative strategies” as mentioned in paragraph 15 of the Brief Description under Programme (3)?

Asked by : Hon. LI Ka-cheung, Eric

Reply : They refer to the following unconventional contract arrangements and administrative measures which we have adopted for some of the projects in 2001 :

- (i) awarding design and build contracts;
- (ii) packaging contracts and adopting designs with the specific purpose of taking advantage of prefabrication construction and economy of scale; and
- (iii) inviting tenders in parallel with funding applications.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S. H. PAU

Post Title \_\_\_\_\_ Director of Architectural Services

Date \_\_\_\_\_ 20 March 2002

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**CONTROLLING OFFICER'S REPLY TO  
WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB50

Question Serial No.

1227

Head : 194 Water Supplies Department      Subhead (No. & title) :

Programme : 1      Water Supply : Planning & Distribution

Controlling Officer :      Director of Water Supplies

Bureau Secretary : Secretary for Works

Question :      How many remote villages in the New Territories are still not yet provided with metered water supply? What is the programme of provision of metered water supply to these villages?

Asked by :      Hon WONG Yung-kan

Reply :      There are 51 remote villages in the New Territories not yet provided with metered water supply. 12 of these villages will have metered water supply in 2002 and another 25 of these villages will have metered water supply in stages from 2003 to 2005. The feasibility study on the provision of metered water supply to the remaining 14 very remote villages will be completed by the end of this year. Pending confirmation of the viability, we will plan to provide metered water supply to these very remote villages progressively from 2007 to 2008.

Signature

Name in block letters

William C G KO

Post Title

Director of Water Supplies

Date

20.3.2002

Examination of Estimates of Expenditure 2002-

03

**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB51

Question Serial No.

1228

Head: 194 Water Supplies Department

Subhead(No. & title):

Programme: (1) Water Supply : Planning and Distribution

Controlling Officer: Director of Water Supplies

Bureau Secretary: Secretary for Works

Question : How much resources will be reserved by the Water Supplies Department for inspection and maintenance of slopes and buried watermains which may affect slopes in this financial year?  
How much resources will be spent on improvement works of sub-standard slopes?

Asked by: Hon.Wong Yung-kan

Reply: We have reserved \$35 million in 2002-03 for the inspection and maintenance of the slopes and the buried watermains which may affect slopes. In addition, we shall spend \$63 million on improvement works for the sub-standard slopes in 2002-03 also.

Signature \_\_\_\_\_

Name in block letters William C G KO

Post Title Director of Water Supplies

Date 20.3.2002

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Examination of Estimates of Expenditure 2002-03  
**CONTROLLING OFFICER'S REPLY TO  
 WRITTEN/SUPPLEMENTARY QUESTION**

Reply Serial No.

WB52

Question Serial No.

1230

Head : CWRP Head 704 - Drainage                      Subhead (No. & title) :

Programme :

Controlling Officer : Director of Drainage Services

Bureau Secretary : Secretary for Works

Question : For flood-prone areas in the New Territories, where are the locations of major flood prevention projects which are currently under planning, design or construction? What are their corresponding implementation programmes?

Asked by : Hon. TAM Yiu-chung

Reply : Major flood prevention projects that are currently under planning, design or construction for flood-prone areas in the New Territories are below -

Item No.	Project Title	Location and Brief Description	Estimated Start Date	Estimated Completion Date
4064CD/B	Rural drainage rehabilitation scheme	Training of River Ganges (Ping Yuen River), Mo Fan Heung Stream and Sha Po Stream	early 2003	end 2005
4090CD/A	Regulation of Shenzhen River, stage III	Training of Shenzhen River between Lo Wu and River Ganges	Dec 2001	Aug 2005
4092CD/B	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvements, stage 1, phase 2 - Kam Tin and Ngau Tam Mei	Construction of drainage channels in Kam Tin and Ngau Tam Mei	end 2003	mid 2006
4101CD/A	Rural drainage rehabilitation scheme, stage 2, phase 1 - Nam Hang drainage improvement	Construction of drainage channels in Nam Hang	Jul 2000	May 2002
4102CD/B	Drainage improvement in Tuen Mun and Sham Tseng	Upgrading of urban drainage and construction of drainage channels in Tuen Mun and Sham Tseng	end 2003	end 2007
4109CD/B	Drainage improvement in Sha Tin and Tai Po	Upgrading of urban drainage, and construction of drainage channels, flood walls and flood water pumping stations in Sha Tin and Tai Po	early 2004	end 2007
4110CD/B	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi - urban drainage improvement works	Upgrading of urban drainage in Tsuen Wan and Kwai Chung	end 2003	mid 2005
4111CD/B	Drainage improvement in Tsuen Wan, Kwai Chung and Tsing Yi - Tsuen Wan drainage tunnel	Construction of drainage tunnel in Tsuen Wan	end 2006	end 2010
4112CD/B	Drainage improvement in Northern New Territories - package A	Upgrading of urban drainage and construction of drainage channels in San Tin North, Ping Kong, Kau Lung Hang and Ma Wat	early 2004	end 2008
4114CD/A	Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai drainage improvements, stage 1, phase 1 - Yuen Long and	Upgrading of urban drainage in Yuen Long town centre and bank raising in Tin Shui Wai	Dec 2001	May 2005

Item No.	Project Title	Location and Brief Description	Estimated Start Date	Estimated Completion Date
	Tin Shui Wai			
4118CD/B	Drainage Improvement in Northern New Territories - package B	Construction of drainage channels in San Tin South, Kwu Tung, Ma Tsao Lung and Fu Tei Au	end 2005	end 2009
4119CD/B	Drainage Improvement in Northern New Territories - package C	Construction of drainage channels in Lung Yeuk Tau, Man Uk Pin, Ta Kwu Ling, Ping Che and Lin Ma Hang	end 2005	end 2009
4120CD/B	Drainage Improvement in Sai Kung	Construction of drainage channels in Sai Kung	end 2005	end 2008
7022CD/B	NWNT Development - main drainage channels for Yuen Long and Kam Tin - remainder, phase 4	Construction of drainage channels in Tin Tsuen	mid 2003	early 2005
7030CD/A	Village flood protection for Yuen Long, Kam Tin and Ngau Tam Mei, North West New Territories, stage I - remainder	Construction of floodwater pumping station in Wang Chau and Pok Wai drainage channel	Dec 2001	Oct 2004
7070CD/B	Yuen Long bypass floodway	Construction of drainage channels in Yuen Long South	end 2002	end 2005
7073CD/B	Main drainage channels and poldered village protection schemes for San Tin, NWNT phase 3, part 1 - eastern main drainage channel for San Tin	Construction of the Eastern Main Drainage Channel in San Tin	end 2002	end 2005
7074CD/B	Village flood protection for Yuen Long, Kam Tin and Ngau Tam Mei NWNT - stage II	Construction of floodwater pumping stations in Tai Kiu and Shui Pin Tsuen	mid 2003	mid 2005
7095CD/A	Main drainage channels for Yuen Long and Kam Tin stage 2 - Kam Tin San Tsuen to Wang Toi Shan section	Construction of drainage channel from Kam Tin San Tsuen to Wang Toi Shan	Aug 1999	Dec 2002
7098CD/A	Phase 1 village flood protection for Pok Wai and Wang Chau, North West New Territories	Construction of floodwater pumping station in Pok Wai	Oct 1999	Apr 2002
7100CD/A	Main drainage channels for Ngau Tam Mei phase 1 - Yau Mei San Tsuen to Tai Sang Wai section	Construction of drainage channel from Yau Mei San Tsuen to Tai Sang Wai	Nov 1999	Dec 2002
7107CD/A	Village flood protection for Chuk Yuen Tsuen and Ha San Wai, North West New Territories	Construction of floodwater pumping station in Chuk Yuen Tsuen and Ha San Wai	Nov 2000	Mar 2003
7117CD/A	Village flood protection for Mai Po Lo Wai, Mai Po San Tsuen, Ma Tin Tsuen and Shui Pin Wai, North West New Territories	Construction of floodwater pumping stations in Mai Po Lo Wai, Mai Po San Tsuen, Ma Tin Tsuen and Shui Pin Wai	Dec 2001	Mar 2005
7227CL/B	Tin Shui Wai development - village flood protection works for Sheung Cheung Wai	Upgrading of floodwater pumping stations in Sheung Cheung Wai	end 2002	mid 2005

Signature \_\_\_\_\_  
 Name in block letters J. Collier  
 Post Title Director of Drainage Services  
 Date 21 March 2002

Examination of Estimates of Expenditure 2002-

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**CONTROLLING OFFICER'S REPLY  
TO  
WRITTEN/SUPPLEMENTARY  
QUESTION**

Reply Serial No.

WB53

Question Serial No.

1343

Head: 91 Lands Department

Subhead (No. & title):

Programme: (1) Land Administration

Controlling Officer: Director of Lands

Bureau Secretary: Secretary for Works

Question : Regarding the performance measures for land administration, for the indicators under land management, it is estimated that man-made slopes to be inspected and improved in 2002 are 7 000 and 2 400 respectively, representing increases of 1 505 and 1 207 over the respective figures in 2001. Why?

Asked by: Hon. IP Kwok-him

Reply: The increase in 2002 is in response to the target under the Government's policy objective on slope safety to complete comprehensive inspections of 95% of Government slopes by geotechnical engineers by September 2002. At the same time, it is also planned to push ahead with the programme of improvement works for the inspected slopes by increasing the number of slopes to be improved.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ R. D. POPE

Post Title \_\_\_\_\_ Director of Lands

Date \_\_\_\_\_ 20.3.2002

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**CONTROLLING OFFICER'S REPLY**  
**TO**  
**WRITTEN/SUPPLEMENTARY**  
**QUESTION**

Reply Serial No.

WB 54

Question Serial No.

1362

Head: 56- GS: Planning and Lands  
Bureau and Works Bureau

Subhead(No. & title):

Programme:

Controlling Officer: Secretary for Works

Bureau Secretary: Secretary for Works

Question :

The estimate for personal emoluments in 2002-03 is \$167,994,000, which represents an increase of 7.24% or \$11,339,000 over the revised estimate for 2001-02. According to the information provided, only one permanent non-directorate post will be created for the year. What are the reasons for such a big increase? Please provide detailed description of the items.

Asked by: Hon. IP Kwok-him

Reply:

In addition to the creation of one non-directorate post to serve as the secretary of the resumption – related Home Purchase Allowance Appeals Committee, the increase in expenditure is mainly accounted for in the following areas:

- (a) New resources for the Urban Renewal Team which was previously funded by the Urban Renewal Authority; and
- (b) Full-year effect of posts created in 2001-02.

Signature \_\_\_\_\_

Name in block letters \_\_\_\_\_ S S LEE

Post Title \_\_\_\_\_ Secretary for Works

Date \_\_\_\_\_ 20 March 2002