

立法會
Legislative Council

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Finance Committee of the Legislative Council

Minutes of the 84th meeting
held at Conference Room 1 of the Legislative Council Complex
on Monday, 11 July 2016, at 10:55 am

Members present:

Hon CHAN Kin-por, BBS, JP (Chairman)
Hon CHAN Kam-lam, GBS, JP (Vice-Chairman)
Hon Albert HO Chun-yan
Hon LEE Cheuk-yan
Hon LEUNG Yiu-chung
Hon Emily LAU Wai-hing, JP
Hon TAM Yiu-chung, GBM, GBS, JP
Hon Abraham SHEK Lai-him, GBS, JP
Hon Tommy CHEUNG Yu-yan, GBS, JP
Hon Frederick FUNG Kin-kee, SBS, JP
Hon WONG Kwok-hing, BBS, MH
Prof Hon Joseph LEE Kok-long, SBS, JP, PhD, RN
Hon Jeffrey LAM Kin-fung, GBS, JP
Hon Andrew LEUNG Kwan-yuen, GBS, JP
Hon Cyd HO Sau-lan, JP
Hon CHAN Hak-kan, BBS, JP
Dr Hon Priscilla LEUNG Mei-fun, SBS, JP
Hon IP Kwok-him, GBS, JP
Hon Mrs Regina IP LAU Suk-yee, GBS, JP
Hon Paul TSE Wai-chun, JP
Hon Alan LEONG Kah-kit, SC
Hon LEUNG Kwok-hung
Hon Albert CHAN Wai-yip
Hon WONG Yuk-man

Hon Claudia MO
Hon Michael TIEN Puk-sun, BBS, JP
Hon James TIEN Pei-chun, GBS, JP
Hon NG Leung-sing, SBS, JP
Hon Steven HO Chun-yin, BBS
Hon Frankie YICK Chi-ming, JP
Hon WU Chi-wai, MH
Hon YIU Si-wing, BBS
Hon Gary FAN Kwok-wai
Hon MA Fung-kwok, SBS, JP
Hon CHAN Chi-chuen
Hon CHAN Han-pan, JP
Dr Hon Kenneth CHAN Ka-lok
Hon CHAN Yuen-han, SBS, JP
Hon Kenneth LEUNG
Dr Hon KWOK Ka-ki
Hon KWOK Wai-keung
Hon Dennis KWOK
Hon Christopher CHEUNG Wah-fung, SBS, JP
Dr Hon Fernando CHEUNG Chiu-hung
Hon SIN Chung-kai, SBS, JP
Dr Hon Helena WONG Pik-wan
Hon IP Kin-yuen
Hon Martin LIAO Cheung-kong, SBS, JP
Hon POON Siu-ping, BBS, MH
Hon TANG Ka-piu, JP
Dr Hon CHIANG Lai-wan, JP
Ir Dr Hon LO Wai-kwok, SBS, MH, JP
Hon CHUNG Kwok-pan
Hon Christopher CHUNG Shu-kun, BBS, MH, JP
Hon Tony TSE Wai-chuen, BBS
Hon Alvin YEUNG Ngok-kiu

Members absent:

Hon James TO Kun-sun
Dr Hon LAU Wong-fat, GBM, GBS, JP
Hon Vincent FANG Kang, GBS, JP
Hon WONG Ting-kwong, SBS, JP
Hon Starry LEE Wai-king, SBS, JP
Dr Hon LAM Tai-fai, SBS, JP
Dr Hon LEUNG Ka-lau

Hon CHEUNG Kwok-che
Hon WONG Kwok-kin, SBS, JP
Hon Charles Peter MOK, JP
Hon LEUNG Che-cheung, BBS, MH, JP
Hon Alice MAK Mei-kuen, BBS, JP
Dr Hon Elizabeth QUAT, JP

Public officers attending:

Ms Elizabeth TSE Man-ye, JP	Permanent Secretary for Financial Services and the Treasury (Treasury)
Ms Esther LEUNG, JP	Deputy Secretary for Financial Services and the Treasury (Treasury)1
Mr Alfred ZHI Jian-hong	Principal Executive Officer (General), Financial Services and the Treasury Bureau (The Treasury Branch)
Ms Angela LEE Chung-yan	Deputy Secretary for Home Affairs (2)
Ms Sandy CHEUNG	Principal Assistant Secretary for Home Affairs (Culture) 2
Mr LEUNG Koon-kee, JP	Director of Architectural Services
Mrs Alice YU NG Ka-chun	Project Director (3), Architectural Services Department
Mr LAM Wing-hong	Assistant Director of Food and Environmental Hygiene (Operations) 2
Mr FUNG Man-chung	Assistant Director of Social Welfare (Family and Child Welfare)
Mrs Clara LEUNG SO Yu-bik	Assistant Director of Leisure and Cultural Services (Administration)
Mr Michael CHIU Yat-on	Chief Executive Officer (Planning)1, Leisure and Cultural Services Department
Miss Amy YUEN Wai-yin	Assistant Director of Environmental Protection (Water Policy)
Mr MAK Ka-wai, JP	Acting Director of Drainage Services Department
Mr KWOK Ping-keung	Chief Engineer (Consultants Management), Drainage Services Department

Clerk in attendance:

Ms Anita SIT

Assistant Secretary General 1

Staff in attendance:

Mr Derek LO

Chief Council Secretary (1)5

Mr Keith WONG

Council Secretary (1)5

Mr Raymond SZETO

Council Secretary (1)6

Mr Frankie WOO

Senior Legislative Assistant (1)3

Ms Michelle NIEN

Legislative Assistant (1)5

Action

Item No. 5 – FCR(2016-17)62

**RECOMMENDATION OF THE PUBLIC WORKS
SUBCOMMITTEE MADE ON 11 JUNE 2016**

PWSC(2016-17)23

HEAD 703 – BUILDINGS

Support – Others

183GK – Reprovisioning of Shanghai Street refuse collection point and street sleepers' services units to the site on Hau Cheung Street, Yau Ma Tei for the phase II development of the Yau Ma Tei Theatre project

The Committee continued the deliberation of agenda item FCR(2016-17)62.

Installation of air-conditioning system at the hostels for street sleepers

2. Ms Emily LAU was of the view that summers in Hong Kong were very hot and there was a practical need for the street sleepers' services units ("SSSU") to be reprovisioned at Hau Cheung Street to be installed with an air-conditioning system. She also considered that adding an air-conditioning system in SSSU while carrying out the project for the Hau Cheung Street building would be more cost-effective than installing the air-conditioning system after the building was commissioned. She asked the Administration whether similar accommodation services premises were provided with air-conditioning and what the expenses involved would be.

3. Deputy Secretary for Home Affairs (2) ("DSHA(2)") advised that as the operator (i.e. Street Sleepers' Shelter Society Trustees Incorporated ("SSSSTI")) would run the SSSU at Hau Cheung Street in a self-financing mode and would not charge any fees from the street sleepers, it was of the view that it did not intend to install air-conditioning for the time being after carefully considering the implications brought about by recurrent expenses (such as electricity tariffs and maintenance fees) on the operating costs as a result of providing air-conditioning in SSSU. The Administration respected its decision. However, she reiterated that sufficient powering facilities (including installation of electrical trunkings and sockets) and suitable space would be reserved when constructing the building, so that the SSSSTI might install an air-conditioning system later when it considered necessary. In addition, Assistant Director of Social Welfare (Family and Child Welfare) ("ADSW(FCW)") pointed out that under the existing policy, air-conditioning systems were not an essential facility for accommodation services premises, so not all of these premises were fitted with air-conditioning. Those premises with air-conditioning would normally charge fees from people using the accommodations. He also pointed out that for a premises which provided about 70 bed spaces, the expenses in electricity tariff arising from air-conditioning would be about \$7,000 to \$8,000 a month.

4. Mr LEUNG Yiu-chung opined that it would be intolerable to have no air-conditioning indoors during hot weather. However, as the operator was bound by cost considerations and it would not be possible for it to install and provide air-conditioning, he therefore thought that the Administration should provide an air-conditioning system for the SSSU at Hau Cheung Street and bear the costs for the related electricity tariff and maintenance. Ms Cyd HO considered that as free air-conditioning would be provided in the temporary night heat shelters in times of hot weather signals issued by the Observatory, free air-conditioning should also be provided in the SSSU at Hau Cheung Street. Mr Albert HO pointed out that when the PWSC discussed this project on 1 June 2016, members had already shown a strong concern for the lack of an air-conditioning system in the SSSU. He asked whether the Administration had relayed the concern of members to the SSSSTI and rendered assistance as appropriate.

5. ADSW(FCW) advised that all along the Social Welfare Department had kept in touch with SSSSTI with respect to the SSSU at Hau Cheung Street and assistance as appropriate would be rendered. He also pointed out that in general, a self-financing organization might be able to raise the required funds by holding fundraising activities, applying for funding to the Lotteries Fund and so on. If considered necessary, the SSSSTI might apply for funding from the Lotteries Fund to purchase facilities like air-conditioning systems.

6. Mr CHAN Chi-chuen enquired about the basic facilities provided by the Administration for the SSSU at Hau Cheung Street and the furniture, equipment and electric appliances that should be purchased by the operator. He was of the view that facilities like ventilation and lighting systems, air-conditioning systems and so on should be regarded as essential facilities which should be provided by the Administration. He also considered that the Government should install an air-conditioning system for the SSSU at Hau Cheung Street. The operator might decide later whether or not to use the system.

7. Director of Architectural Services ("D Arch S") advised that normally in works projects conducted by the Architectural Services Department, basic facilities including general building services such as air-conditioning, lighting and fire service systems would be provided in accordance with the relevant standards. With respect to the project of the SSSU at Hau Cheung Street, it would be technically viable to install an air-conditioning system. But it would depend on whether or not the departments concerned would have this demand. With regard to a question from a member on the amount of money required to install air-conditioning at a street sleepers' shelter, D Arch S advised that the Administration did not have such estimates. DSHA(2) added that the cost of the proposed project included the provision of regular hardware facilities to the SSSU such as an independent ventilation system, sound-proof facilities and built-in cabinets, etc. As for movable furniture facilities and electrical appliances, these would be acquired by the operator by raising the required funds through holding fundraising activities or applying for funding from the Lotteries Fund as and when necessary.

8. Mr LEUNG Kwok-hung enquired about the funding and service contract arrangements which the authorities had entered into with the SSSSTI with respect to the SSSU at Hau Cheung Street, including whether the Administration would stipulate in the service contract that the SSSSTI should ensure that street sleepers in the SSSU would not have to suffer from the extreme hot weather. ADSW(FCW) replied that with respect to the SSSU at Hau Cheung Street, SSSSTI would operate in a self-financing mode and it was not required to enter into any service contract with the Social Welfare Department.

Co-location arrangement

9. Mr WONG Yuk-man opined that the Administration intended to co-locate a refuse collection point ("RCP") and a street sleepers' shelter in the same building, this was tantamount to discriminating the street sleepers. In addition, the Administration would install air-conditioning systems in the office floors of the proposed building in Hau Cheung Street, but without considering the needs of the street sleepers, it would not provide an air-conditioning system for them. Mr WONG showed his strong dissatisfaction with that. Mr LEUNG Kwok-hung enquired whether the Administration would consider formulating any policy to ensure that in future RCP would not be located in the same building with facilities for street sleepers.

10. DSHA(2) reiterated that as she had explained in the meeting of the PWSC, the Administration did not have any policy on whether a street sleepers' shelter and a RCP should be located in the same place. The design of any individual project would depend on the actual situations and there was no all-embracing rule which could be applied universally. She explained that with respect to the project at the proposed building at Hau Cheung Street, the Administration had considered many reprovisioning proposals, including building two blocks at the Hau Cheung Street site to reprovision the RCP and the SSSU separately. However, the proposal was not viable as the site area at Hau Cheung Street was limited.

11. Mr Alvin YEUNG was of the view that since the Administration would provide air-conditioning to the office floors in the proposed building at Hau Cheung Street, it should also provide air-conditioning to the street sleepers' shelter in the same building. He asked the Administration whether this arrangement of co-locating a civilian facility with a RCP would continue to be adopted, and whether this kind of co-location arrangement was currently used in other places.

12. Assistant Director of Food and Environmental Hygiene Department (Operations) 2 ("AD/FEHD(O)2") pointed out that currently there were a total of nine RCPs managed by the Food and Environmental Hygiene Department which were located at the ground level of residential buildings. On the question of whether there were other projects which might similarly be co-located with refuse collection facilities, that would depend on individual cases.

Alleviating the stink and environmental hygiene problems caused by RCPs

13. Mr Martin LIAO asked whether the Administration had made any assessment as to whether there would be any health hazard for people working in the building concerned or sleeping therein when a RCP was intended to be built at the ground level of the Hau Cheung Street building. He also asked what mitigation measures the Administration had in place to address the problem of street sleepers who had to sleep in the SSSU for long periods of time and hence be inevitably exposed to environmental hygiene problems caused by the RCP.

14. Dr Fernando CHEUNG, Ms Claudia MO, Dr KWOK Ka-ki and Mr LEUNG Kwok-hung said that they were dissatisfied with the Administration in locating the RCP in the same building as the SSSU while not installing an air-conditioning system for the SSSU to improve the environment there. They requested the Administration to fully consider the impact of the odour and gases emitted from the RCP on the health of the people there, and to pledge to hold discussions with the SSSSTI on the installation of an air-conditioning system. Mr TANG Ka-piu agreed with the reprovisioning project but he was of the view that the Administration should consider installing an air-conditioning system at the SSSU to provide a better environment for the street sleepers who stayed there.

15. Mr LEUNG Yiu-chung pointed out that in the past, the Education Bureau had a policy which did not encourage the installation of air-conditioning systems in schools because of hot weather. However, it was later considered that air-conditioning systems could help insulate noise outside classrooms, so discretion was given to allow schools to install air-conditioning systems. Mr LEUNG thought that owing to the odour at the RCP on the ground level of the proposed building at Hau Cheung Street and environmental hygiene issues, the Administration should install an air-conditioning system inside the SSSU in the building.

16. D Arch S explained that the RCP would be equipped with a water scrubber system and an active-ion generator to reduce odour as far as possible. Air emitted after treatment would be discharged through exhaust air outlets located at the highest point of the rooftop and at a considerable speed upwards. The location of the exhaust air outlets was so designed that it would be far away from the windows of the SSSU. Such a design would meet the requirements of the Environmental Protection Department. DSHA(2) added that the SSSU would only be open to street sleepers to sleep during the night, and no street sleepers would stay there during daytime. Besides, the Administration would continue to liaise with the operator and provide all sorts of assistance.

Action

She pointed out that after reprovisioning, the SSSU could be able to provide a better environment to street sleepers. She hoped members could lend their support to the item so that it could be implemented as soon as possible.

17. Since the Administration expected that, if the funding item was approved by the Committee, the proposed building at Hau Cheung Street could be completed in 2019, Dr Fernando CHEUNG enquired that, before the reprovisioning of the RCP at Shanghai Street and the SSSU, what measures the Administration would adopt to improve the odour problem and hygiene at the above location.

18. AD/FEHD(O)2 responded that the current RCP at Shanghai Street had already been equipped with facilities like an air curtain and a ventilation system. These would help reduce odour and maintain environmental hygiene.

Admin 19. At the request of Dr KWOK Ka-ki, the Administration agreed to provide supplementary information on the assessment of the health hazard caused by the emissions of the RCP at the ground level of the proposed building, such as sulphur dioxide, carbon dioxide, mercury and volatile organic compounds.

20. During the discussion of this item, the Chairman had pointed out many times that members were repeating questions like whether air-conditioning should be installed at the SSSU at Hau Cheung Street, the co-location of the RCP and the SSSU and the problems that might arise and so on. He reminded members that in order to make good use of meeting time so that the remaining funding proposals should be deliberated as soon as possible, members should avoid repeating questions. The Chairman advised that after members had finished raising questions, he would deal with the motions proposed to be moved by Dr Fernando CHEUNG under paragraph 37A of the Finance Committee Procedure ("FCP").

In-situ reprovisioning of street sleepers' services units

21. Mr Albert CHAN opined that it was not convincing for the Administration to say that the SSSU at Shanghai Street was restricted by the plot ratio of the original site and hence could not be reprovisioned in-situ. He considered that the plot ratio of the relevant land was low in the urban areas, especially in Kowloon. He also queried that it was not convincing for the Administration to put forward the justification that the building should match the visual impact of the grade 2 historical building nearby, that is, the Yau Ma Tei Theatre and hence the redevelopment project in Shanghai Street should have restrictions in building height. He considered that the Administration

should make good use of the precious land resources in the urban areas. The Administration noted the view of Mr CHAN.

Plot ratio of the site at Hau Cheung Street

22. Dr KWOK Ka-ki enquired if the plot ratio of the site at Hau Cheung Street had all been used up and whether the Administration had considered making optimum use of the site to provide facilities to meet the needs of the elderly, new arrivals to Hong Kong, low-income families and ethnic minorities in the district for community welfare services.

23. In response, DSHA(2) said that the current planning proposal of the project at Hau Cheung Street had already fully used the plot ratio of the site and when the reprovisioning proposal was being planned, various government departments had been consulted on their respective demand for plots of land for service provision at Hau Cheung Street.

Waste disposal arrangements at the RCP

24. Dr Helena WONG asked whether the material recovery point at the RCP would accept those waste timber frameworks and discarded fruits and vegetables from the nearby Yau Ma Tei Wholesale Fruit Market, and whether these waste timber frameworks would be sent to the timber recycling facility at the Eco Park in Tuen Mun for recycling and reuse.

25. In response, AD/FEHD(O)2 said that at the RCP to be reprovisioned at Hau Cheung Street, recyclables collection bins would be placed there for the disposal of waste paper, metal and plastics recyclables. As far as he knew, it was not common for vendors in the wholesale fruit market to discard timber frameworks which could be reused many times.

26. Dr Helena WONG asked whether or not the Administration would consider opening up a shortcut so that when cleaning workers were removing refuse, they could go faster from the Yau Ma Tei Wholesale Fruit Market to the RCP at Hau Cheung Street. In response, DSHA(2) said that as many goods vehicles were using the unloading and storage land at Hau Cheung Street near the wholesale fruit market, there was no space near the RCP at Hau Cheung Street to open up a shorter route which was also safe to carry the refuse.

Motion proposed to be moved by member under paragraph 37A of FCP

27. The Chairman put to vote the question that the motion proposed by Dr Fernando CHEUNG numbered [0001](#) to be proceeded forthwith. As requested by members, the Chairman ordered a division and the division bell was rung for five minutes. With the agreement of the Chairman, Dr Fernando CHEUNG read out his proposed motion during the ringing of the division bell. The Chairman announced that 20 members voted in favour of and 16 members voted against the question. The votes of individual members were as follows –

For:

Mr Albert HO Chun-yan
Mr LEUNG Yiu-chung
Mr Frederick FUNG Kin-kee
Ms Cyd HO Sau-lan
Mr LEUNG Kwok-hung
Ms Claudia MO
Mr CHAN Chi-chuen
Mr Dennis KWOK
Mr SIN Chung-kai
Mr IP Kin-yuen
(20 members)

Mr LEE Cheuk-yan
Ms Emily LAU Wai-hing
Prof Joseph LEE Kok-long
Mr Alan LEONG Kah-kit
Mr WONG Yuk-man
Mr WU Chi-wai
Mr Kenneth LEUNG
Dr Fernando CHEUNG Chiu-hung
Dr Helena WONG Pik-wan
Mr Alvin YEUNG Ngok-kiu

Against:

Mr CHAN Kam-lam
Mr Tommy CHEUNG Yu-yan
Mr Jeffrey LAM Kin-fung
Mr IP Kwok-him
Mr Frankie YICK Chi-ming
Mr MA Fung-kwok
Dr CHIANG Lai-wan
Mr Christopher CHUNG Shu-kun
(16 members)

Mr TAM Yiu-chung
Mr WONG Kwok-hing
Mr Andrew LEUNG Kwan-yuen
Mr NG Leung-sing
Mr YIU Si-wing
Mr POON Siu-ping
Ir Dr LO Wai-kwok
Mr Tony TSE Wai-chuen

28. The Chairman declared that the question was approved.

Motion moved by member on FCR(2016-17)62 under paragraph 37A of FCP

29. The Chairman said that members might speak on motion no. [0001](#) submitted by Dr Fernando CHEUNG. No members requested to speak on the motion. The Chairman then put motion numbered [0001](#) moved by Dr Fernando CHEUNG to vote. As requested by members, the Chairman ordered a division and the division bell was rung for five minutes. The Chairman announced that 20 members voted in favour of and 18 voted against the motion. The votes of individual members were as follows –

For:

Mr Albert HO Chun-yan
Mr LEUNG Yiu-chung
Mr Frederick FUNG Kin-kee
Ms Cyd HO Sau-lan
Mr LEUNG Kwok-hung
Ms Claudia MO
Mr CHAN Chi-chuen
Mr Dennis KWOK
Mr SIN Chung-kai
Mr IP Kin-yuen
(20 members)

Mr LEE Cheuk-yan
Ms Emily LAU Wai-hing
Prof Joseph LEE Kok-long
Mr Alan LEONG Kah-kit
Mr WONG Yuk-man
Mr WU Chi-wai
Mr Kenneth LEUNG
Dr Fernando CHEUNG Chiu-hung
Dr Helena WONG Pik-wan
Mr Alvin YEUNG Ngok-kiu

Against:

Mr CHAN Kam-lam
Mr Tommy CHEUNG Yu-yan
Mr Jeffrey LAM Kin-fung
Mr CHAN Hak-kan
Mr NG Leung-sing
Mr YIU Si-wing
Mr CHAN Han-pan
Dr CHIANG Lai-wan
Mr Christopher CHUNG Shu-kun
(18 members)

Mr TAM Yiu-chung
Mr WONG Kwok-hing
Mr Andrew LEUNG Kwan-yuen
Mr IP Kwok-him
Mr Frankie YICK Chi-ming
Mr MA Fung-kiwok
Mr POON Siu-ping
Ir Dr LO Wai-kiwok
Mr Tony TSE Wai-chuen

30. The Chairman declared that the motion was carried.

Motion moved under paragraph 47 of FCP

31. Mr LEE Cheuk-yan moved the following motion under paragraph 47 of FCP without notice that in the event of further divisions being claimed in respect of any motions or questions under the same agenda item, the Committee would proceed to each of such divisions immediately after the division bell had been rung for one minute. The Chairman put Mr LEE Cheuk-yan's motion to vote. As requested by members, the Chairman ordered a division and the division bell was rung for five minutes. The Chairman declared that 24 members voted in favour of and 13 members voted against the motion. The votes of individual members were as follows –

For:

Mr Albert HO Chun-yan	Mr LEE Cheuk-yan
Mr LEUNG Yiu-chung	Ms Emily LAU Wai-hing
Mr Tommy CHEUNG Yu-yan	Mr Frederick FUNG Kin-kee
Prof Joseph LEE Kok-long	Mr Jeffrey LAM Kin-fung
Mr Andrew LEUNG Kwan-yuen	Ms Cyd HO Sau-lan
Mr Alan LEONG Kah-kit	Mr LEUNG Kwok-hung
Mr WONG Yuk-man	Ms Claudia MO
Mr WU Chi-wai	Mr CHAN Chi-chuen
Mr Kenneth LEUNG	Mr Dennis KWOK
Dr Fernando CHEUNG Chiu-hung	Mr SIN Chung-kai
Dr Helena WONG Pik-wan	Mr IP Kin-yuen
Ir Dr LO Wai-kwok	Mr Alvin YEUNG Ngok-kiu
(24 members)	

Against:

Mr CHAN Kam-lam	Mr TAM Yiu-chung
Mr WONG Kwok-hing	Mr CHAN Hak-kan
Mr IP Kwok-him	Mr NG Leung-sing
Mr YIU Si-wing	Mr MA Fung-kwok
Mr CHAN Han-pan	Mr POON Siu-ping
Dr CHIANG Lai-wan	Mr Christopher CHUNG Shu-kun
Mr Tony TSE Wai-chuen	
(13 members)	

32. The Chairman declared that the motion was carried and he ordered that in the event of further divisions being claimed in respect of any motions or questions under FCR(2016-17)62, the Committee would proceed to each of such divisions immediately after the division bell had been rung for one minute.

33. Dr Fernando CHEUNG withdrew the remaining two motions he proposed to move originally under paragraph 37A of FCP.

Voting on FCR(2016-17)62

34. The Chairman put the item to vote. As requested by members, the Chairman ordered a division and the division bell was rung for one minute. The Chairman declared that 17 members voted in favour of and 21 voted against the question. The votes of individual members were as follows –

For:

Mr CHAN Kam-lam
Mr WONG Kwok-hing
Mr Andrew LEUNG Kwan-yuen
Mr IP Kwok-him
Mr Frankie YICK Chi-ming
Mr MA Fung-kwok
Mr POON Siu-ping
Ir Dr LO Wai-kwok
Mr Tony TSE Wai-chuen
(17 members)

Mr TAM Yiu-chung
Mr Jeffrey LAM Kin-fung
Mr CHAN Hak-kan
Mr NG Leung-sing
Mr YIU Si-wing
Mr CHAN Han-pan
Dr CHIANG Lai-wan
Mr Christopher CHUNG Shu-kun

Against:

Mr Albert HO Chun-yan
Mr LEUNG Yiu-chung
Mr Tommy CHEUNG Yu-yan
Prof Joseph LEE Kok-long
Mr Alan LEONG Kah-kit
Mr WONG Yuk-man
Mr WU Chi-wai
Mr Kenneth LEUNG
Dr Fernando CHEUNG Chiu-hung
Dr Helena WONG Pik-wan
Mr Alvin YEUNG Ngok-kiu
(21 members)

Mr LEE Cheuk-yan
Ms Emily LAU Wai-hing
Mr Frederick FUNG Kin-kee
Ms Cyd HO Sau-lan
Mr LEUNG Kwok-hung
Ms Claudia MO
Mr CHAN Chi-chuen
Mr Dennis KWOK
Mr SIN Chung-kai
Mr IP Kin-yuen

35. The Chairman declared that item FCR(2016-17)62 was negatived by the Committee.

Item no. 6 – FCR(2016-17)63

**RECOMMENDATION OF THE PUBLIC WORKS SUBCOMMITTEE
MADE ON 11 JUNE 2016**

PWSC(2016-17)30

HEAD 704 – DRAINAGE

Environmental Protection – Sewerage and sewage treatment

**381 DS – Construction of additional sewage rising main and rehabilitation
of the existing sewage rising main between Tung Chung and Siu Ho Wan**

36. The Chairman advised that item FCR(2016-17)63 sought the approval of the Committee a recommendation made by the PWSC at its meeting on 11 June 2016, that is, the recommendation in PWSC(2016-17)30, concerning the upgrading of a works project 381DS about the construction of additional sewage rising main and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan to Category A; at an estimated cost of \$1,362.6 million in money-of-the-day prices. The Chairman said that some members urged that the recommendation concerned be voted separately in a meeting of the Committee.

37. The Chairman declared that he was a salaried consultant with the Munich Reinsurance Limited.

Usable lifespan of existing sewage rising main after rehabilitation

38. Mr LEUNG Kwok-hung enquired about the remaining lifespan of the existing sewage rising main related to the proposed item after rehabilitation. Assistant Director of Environmental Protection (Water Policy) responded that the lifespan of the sewage rising main of the existing design was 25 years. Such sewage rising main had been in operation for about 20 years and it was necessary to carry out the relevant rehabilitation works. After the proposed additional sewage rising main had been commissioned, the operation of the existing sewage rising main could be suspended to allow for rehabilitation. It was estimated that after rehabilitation, the lifespan of the sewage rising main concerned could be further extended for 25 to about 50 years.

Hydrogen sulphide and the remedial measures adopted

39. In light of the remark made by the Administration that the hydrogen sulphide content in the effluent of the airport was high and this caused erosion in the sewage system, Mr LEUNG Kwok-hung enquired whether the hydrogen sulphide content in the sewage of the airport was caused by the detergent used in the airport or because of the chemicals added into the sewage. He also asked the Administration whether it would demand compensation from the Airport Authority Hong Kong ("AAHK") with respect to the problem of erosion found in the sewage system.

40. In response, Acting Director of Drainage Services Department said that as explained in Appendix 2 of PWSC(2016-17)30, which was submitted to PWSC by the Administration, the sewage treated at the Tung Chung sewage pumping station and the Siu Ho Wan sewage treatment works had a high level of hydrogen sulphide. The main reason was that the sewage had to stay for a long time in the sewage collection system at the Airport Island. He also said that there was no information which showed that additional chemicals were added when sewage was treated at the airport, leading to an acceleration of the erosion of the sewage rising main. The Administration had urged AAHK to adopt various remedial measures, including the application of calcium nitrate at the critical locations to suppress the conversion of sulphate in the sewage to hydrogen sulphide, thereby reducing the level of hydrogen sulphide in the sewage of the Airport Island. He pointed out that after adopting the relevant measures, the level of hydrogen sulphide in the sewerage system had dropped to an acceptable level.

41. The meeting adjourned at 1:10 pm.