

For information

Legislative Council Panel on Security

Replacement of Communication and Mobilising System
For Fire Services Department

At the Panel meeting on 6 April 2000, Members considered a paper on the proposed new communication and mobilising system for the Fire Services Department (LC Paper No. CB(2) 1554/99-00(04)) and requested additional information on the proposal. This note encloses such information requested, if it is not already covered in the FCai (FCR(2000-01)13) submitted for the consideration of the Finance Committee at its meeting scheduled for 12 May 2000.

Security Bureau
May 2000

**Administration's Response to Questions raised by Members of the
Legislative Council Panel on Security on 6 April 2000**

- Q1 The Panel asked for information on how efficient the Third Generation Mobilising System (TGMS) compared favourably with the Second Generation Mobilising System (SGMS) and the recurrent staff cost for enhancing the existing SGMS in 10 years' time (paragraph 32 of the minutes of the Panel meeting).
- A1 Without the TGMS, the number of SGMS operating consoles will have to be increased from 24 as at present to 26 in 2004 and eventually to 35 in 2013 so as to cope with the projected increase in workload. The increase in operating consoles will require about 49 additional console operating staff, incurring an additional staff cost of \$143 million over ten years. Implementation of TGMS would not only obviate the need for these additional staff resources, but also achieve other benefits as set out in paragraph 6 of the FCai FCR(2000-01)13.
- Q2 : The Panel noted that tests on the competence of the Global Positioning System (GPS) had been conducted and requested the Administration to provide figures on the sampling tests (paragraph 37 of the minutes of the Panel meeting).
- A2 : The consultant had carried out field tests on a hybrid system comprising differential GPS and dead reckoning system and obtained a successful rate of 75% with an accuracy of around 65 metres in the urban area including city centres.

Q3 : The Panel requested the Administration to provide detailed information on the staffing requirement and their respective duties (paragraph 43 of the minutes of the Panel meeting).

A3 : After thorough discussion with relevant bureaux and departments, the staffing requirements have been further contained. The costs for hire of staff and services for project development and management have now been reduced from \$87.7M to \$40.6M.

Details of these requirements are set out in paragraphs 22 and 23 of the FCai.

The staff required can be categorised into two groups, namely the Project Management Group and the Project Development Group. Their duties are as follows -

- Staff of the Fire Services Department (FSD) will be responsible for the Project Management including all the tender preparatory work, tender evaluation and tender award. They will also be responsible for ensuring that implementation of TGMS will be in full compliance with all the conditions and requirements laid down in the contract especially in meeting FSD's operational requirements.
- Staff from the technical departments (i.e. Information Technology Services Department, Lands Department, Electrical and Mechanical Services Department and Office of the Telecommunications Authority) will be responsible for the Project Development in areas pertaining to their respective professions. They will be assisting FSD in ensuring that the design of TGMS with 20 sub-systems will be in full compliance with the agreed technical specifications. They will also be responsible for monitoring the hardware installations and software customisation including the supervision of all technical tests and official acceptance of the system. Additionally, staff of Lands Department will prepare digitised map data for the Geographic Information System.