

香港特別行政區政府  
The Government of the Hong Kong Special Administrative Region

政府總部  
運輸及房屋局  
運輸科  
香港花園道美利大廈



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22 October 2010

Ms Joanne Mak  
Clerk to Transport Panel  
Legislative Council Secretariat  
3/F, Citibank Tower  
Central  
Hong Kong  
(Fax 2121 0420)

Dear Ms Mak,

**Legislative Council Panel on Transport  
Proposed Development of Traffic and Incident Management System  
in Transport Department**

In response to requests by Members of the Panel on Transport at the meetings on 28 June 2010 and 23 July 2010, we would like to provide additional information regarding the proposed Traffic and Incident Management System (TIMS) in the ensuing paragraphs.

At the meeting on 28 June 2010, Members requested the Administration to compare functionalities of the proposed TIMS with those of similar systems in overseas cities, and provide information on the consultant fees for previous electronic traffic control system studies. At the meeting on 23 July 2010, during the discussion on the item "Emergency works for public roads during typhoon and rainy season", Members enquired about the progress of TIMS.

The Transport Department (TD) has made reference to the functionalities of similar systems in a number of overseas control centres in the planning of the proposed TIMS. A comparison of the functionalities of these overseas control centres with those of the proposed TIMS is in **Annex A**. The

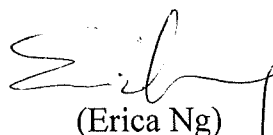
proposed TIMS will be equipped with all functionalities commonly found in overseas control centres

A total of \$25.6M has been spent on consultant fees for various electronic traffic control system studies carried out by TD in the past five years. A detailed breakdown is in **Annex B**.

We plan to submit the proposal of development of TIMS in TD to the Finance Committee of Legislative Council in November for consideration and approval. Subject to its approval, TD plans to commence the development of TIMS in mid 2011 for completion in mid 2015. The proposed programme is as follows :

	<b>Activity</b>	<b>Target Completion Date</b>
(a)	Invitation, assessment and award of consultancy	June 2011
(b)	System design and preparation of specifications and tender documents by consultants	December 2012
(c)	Development and installation of the TIMS by contractors	
	- <i>award of contract</i>	<i>June 2013</i>
	- <i>site preparation, application development and system installation</i>	<i>March 2015</i>
(d)	Testing and commissioning	June 2015

Yours sincerely,



(Erica Ng)

for Secretary for Transport and Housing

Comparison of Functionalities of Proposed TIMS with Similar Systems in Overseas Cities

	Joint Transportation Management Centre in New York, USA	National Traffic Control Centre in Birmingham, the United Kingdom	Traffic Management Centre in Utrecht, Holland	Traffic Management Centre in Berlin, Germany	Traffic Management Centre in Stockholm, Sweden	Tokyo, Japan ^	Proposed TIMS, Hong Kong
(a) Fusion of real-time traffic information to perform incident detection	✓	✓	✓	✓	✓	✓	✓
(b) Generation of incident responses to help optimize and expedite response activities	✓	✓	✗	✓	✓	✓	✓
(c) Common platform for stakeholder parties to report, view and update incident information	✓	✓	✓	✓	✓	✓	✓
(d) Coordination of traffic control and surveillance systems to facilitate incident management on a territory-wide basis	✓	✓	✓	✓	✓	✓	✓
(e) Automation in dissemination of traffic and incident information to the public	✓	✓	✓	✓	✓	✓	✓
(f) Data platform to facilitate the development of value-added traffic related services	✗	✓	✓	✓	✓	✓	✓

^ The functionalities are not provided by a single organisation but through different organisations in Tokyo.

**Breakdown of Consultant Fees Spent on  
Electronic Control System Studies in the Past 5 Years in TD**

Project Title	Consultant Fees	
	Feasibility Study	Project Design & Administration of the Implementation Contract*
Expansion of Journey Time Indication System to Kowloon (project completed)	\$0.9M	\$3.3M
Speed Map Panels in the New Territories (project in progress)	\$1.2M	\$2.2M
Replacement of Area Traffic Control Systems for Kowloon, Tsuen Wan and Sha Tin and Expansion of the System to Tseung Kwan O (project in progress)	N/A <sup>#</sup>	\$4.5M
Area Traffic Control and Closed Circuit Television Systems for Tuen Mun and Yuen Long Districts (project completed)	N/A <sup>#</sup>	\$4.6M
Renewal of Hong Kong Area Traffic Control and Closed Circuit Television Systems (project completed)	N/A <sup>#</sup>	\$3.8M
Area Traffic Control and CCTV System for Tai Po and North District (project completed)	N/A <sup>#</sup>	\$5.1M
<b>Sub-total:</b>	<b>\$2.1M</b>	<b>\$23.5M</b>
<b>Total:</b>	<b><u>\$25.6M</u></b>	

\* Cost for resident site staff was not included in the consultant fees.

# The project had no feasibility study.