

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

香港添馬添美道 2 號
政府總部東翼

本局檔號 OUR REF.:
來函檔號 YOUR REF.:



Transport and
Housing Bureau
Government Secretariat

Transport Branch
East Wing, Central Government Offices,
2 Tim Mei Avenue,
Tamar, Hong Kong
電話 Tel. No.: 3509 8199
傳真 Fax No.: 3904 1774

[Fax: 2978 7569]
8 June 2016

Legislative Council Complex,
1 Legislative Council Road,
Central, Hong Kong
Ms Macy Ng

Dear Macy,

**Panel on Transport – Upgrading of the Transport Information System
("TIS") Project of the Transport Department**

Supplementary Information

As requested by the panel, we would like to provide the supplementary information requested by the panel on the captioned subject.

Operational Details of Intelligent Road Network Packages ("IRNP")

IRNP is developed and maintained by the Transport Department ("TD") to provide static traffic data in Geographic Information System ("GIS") format. There are three datasets in the IRNP, namely Road Network Data ("RdNet"), Digitized Traffic Aids Drawings ("dTAD") and Traffic Census Data ("ATC"). RdNet contains information on road centerlines, traffic directions, turning restrictions and no stopping restrictions; dTAD contains information on traffic signs, directional signs and road markings; and ATC contains traffic flow data along major roads.

IRNP was first made available to the public in 2010. In line with the

Government's policy, fees and charges of Government services should in general be set at a level sufficient to recover the full cost of providing the services, i.e. the "user pays" principle.

The current levels of charge of various datasets of the IRNP are tabulated below.

Fee	RdNet	dTAD	ATC
1. One-off charge ¹	\$6,060	\$52,850	\$2,540
2. Update charge ²	\$2,930	\$16,700	\$1,290
3. Sample and historical data for teaching and research purpose ³	\$1,150	\$1,150	\$560

To subscribe for the IRNP, one can complete the order form which can be downloaded from TD's website (www.td.gov.hk), and return it to the TD. Upon settlement of the payment, TD will notify the subscriber for collection of the purchased package. For the sample dataset for teaching and research purpose (item 3 of the table above), a supporting letter from the school principal or the department head of the post-secondary education institute should be included.

Upgrading of TIS

With the upgraded TIS, TD's capacity of analysing and filtering a vast amount of real-time traffic data collected from various sources will be enhanced. New personalised services and real-time information on traffic conditions relevant to the commuters' needs and location to the public would be provided free-of-charge through various existing applications, such as Road Traffic Information Services, Hong Kong eTransport, Hong Kong eRouting, etc. In addition, the real-time information will be made available to the private sector and academic, etc. to develop more innovative application to meet the public needs.

We consider that the above are cost-effective ways to provide better

¹ The one-off charge is for the first time purchase of the packages covering roads managed by the TD in the whole territory.

² The update charge applies for the purchase of the subsequent release of the purchased package.

³ Sample data for teaching and research purpose covers the area of Sai Wan and Kennedy Town and are historical data of about 2 years ago.

service to the public and to enhance transport efficiency and meeting the needs of the public.

Details on the expenditure on hardware and implementation services under the TIS upgrading project are as follows.

Items		Breakdown (\$'000)	Subtotal (\$'000)
(i) Hardware			
(1)	Servers	9,840	15,365
(2)	Data storage	1,555	
(3)	Firewall and network equipment	3,970	
(ii) Implementation Services			
(1)	Project management, system design and installation, system and programme migration, training, user acceptance tests support, etc	33,375	35,332
(2)	Security Risk Assessment and Audit, Privacy Impact Assessment and data conversion	1,957	
		Total :	50,697

Yours sincerely,

(Alex LAU)
for Secretary for Transport and Housing

c.c.

Commissioner for Transport

(Attn: Mr Peter Wong)

Fax: 2845 7489