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Replies to supplementary questions raised by Legislative Council Members in examining the Estimates of Expenditure 2022-23

Controlling Officer : Director of Lands

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CONTROLLING OFFICER'S REPLY

S-DEVB(PL)03

(Question Serial No. S0034)

Head: (91) Lands Department
Subhead (No. & title): (-) Not Specified
Programme: (2) Survey and Mapping
Controlling Officer: Director of Lands (Andrew LAI)
Director of Bureau: Secretary for Development

Question:

Regarding the written reply on implementation of Building Information Modelling (BIM) in the approval processes, the Government advises that the Lands Department and the Buildings Department have jointly commissioned a consultancy to develop a plug-in tool for BIM software for checking area calculations of building plans under lease conditions and the Buildings Ordinance. In this connection, will the Government inform this Committee of:

- a. the expenditure on this consultancy study; and
- b. the timetable for completion of this consultancy study.

Asked by: Hon LOONG Hon-biu, Louis

Reply:

The estimated expenditure for the consultancy study to develop a plug-in tool for Building Information Modelling software for checking area calculations of building plans under lease conditions and the Buildings Ordinance (Cap. 123) is \$6.12 million.

The consultancy study is scheduled for completion in the first quarter of 2023.

- End -

CONTROLLING OFFICER'S REPLY

S-DEVB(PL)04

(Question Serial No. S0038)

Head: (91) Lands Department
Subhead (No. & title): (-) Not Specified
Programme: (2) Survey and Mapping
Controlling Officer: Director of Lands (Andrew LAI)
Director of Bureau: Secretary for Development

Question:

Building Information Modelling (BIM) facilitates effective project management of the Government and the industry throughout the entire building life cycle from design to construction, and helps expedite the development process. In this connection, will the Government inform this Committee of the following:

1. How will the Government encourage the adoption of such technology in the industry in the face of no standardised specifications but high development cost of a BIM system?
2. Does the Government have any plans to require departments involved in the development approval processes to adopt a BIM system in the future for higher efficiency; if yes, please list the relevant departments; if not, what are the reasons?

Asked by: Hon WONG Yuen-shan

Reply:

Within the Government, various departments are working on the wider application of Building Information Modelling (BIM). The Lands Department plans to make use of the BIM data in checking area calculations of building plan under lease conditions upon the launch of the Buildings Department's Electronic Submission Hub in the first quarter of 2023.

As for the wider efforts to promote the use of BIM technology in the industry, from 2018 onwards, the Development Bureau has required consultants and contractors of the Works Departments to use BIM technology when undertaking major government capital works projects with project estimates more than \$30 million. The policy is applicable to projects in the investigation, feasibility study, planning, design or construction stage in the Capital Works Programme. It is also applicable to entrustment works, subvented capital works projects and works undertaken by private parties but will be handed back to the Government for maintenance.

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