

Examination of Estimates of Expenditure 2006-07
**CONTROLLING OFFICER'S REPLY TO
SUPPLEMENTARY QUESTION**

Reply Serial No.

S-HPLB(PL)07

Question Serial No.

SV04

Head : 82 Buildings Department Subhead (No. & title) :

Programme : Buildings and Building Works

Controlling Officer : Director of Buildings

Director of Bureau : Secretary for Housing, Planning and Lands

Question : Hon WONG Kwok-hing requested the Administration to provide the number of infra-red equipment items, the expenditure in purchasing those equipment items and the number of water seepage tests carried out using those equipment items.

Asked by : Hon. WONG Kwok-hing

Reply :

An infra-red thermographic imager has been purchased for use by the pilot Joint Office (JO) in Shamshuipo at the price of \$200,000.

The infra-red thermographic imager can capture the temperature of different parts of a surface by showing an image of the part with water with a different spectrum of colour indicating a lower temperature than the adjacent part which is relatively dry. Therefore this instrument could be used to detect where necessary from a distance the presence of water which is not readily visible on the surface of a high ceiling or an external wall. The operation of this instrument and interpretation of the infra-red images require skill and experience. It has been used to detect the presence of water on external walls in some 20 cases. As we develop our experience in the use of this instrument and the skill in interpretation of the images, we expect more frequent use of the instrument to assist in the detection of the source of water seepage.

Signature

Name in block letters

Post Title

Date

CHEUNG Hau-wai

Director of Buildings

20 March 2006

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