Australian Government

Department of Climate Change and Energy Efficiency

Submission No. 2
(DSTO Scottsdale)
Date: 28/06/2011

Committee Secretary
Parliamentary Standing Committee on Public Works
PO Box 6021
Parliament House
CANBERRA ACT 2600
AUSTRALIA

RE: REINVESTMENT IN AUSTRALIAN DEFENCE FORCE SPECIFIC NUTRITIONAL CAPABILITY – DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION SCOTTSDALE, TASMANIA

Dear Committee Secretary,

Thank you for the opportunity to comment on the Statement of Evidence for the above mentioned works for Defence Science and Technology Organisation.

A review of the Statement of Evidence to the Joint Parliamentary Standing Committee on Public Works has been carried out for compliance with the *Energy in Government Operations* (EEGO) policy.

The statement describes some good features aimed at ensuring energy efficiency, however, the following matters require additional information and clarification:

- Whether DSTO commits to achieving a minimum energy performance standard for the office area (Quonset Hut) once the refurbishment is complete. It would appear from the scale of the drawings in Attachments 6,7 that the area of this building is well under the threshold of 2000m^2 set by the EEEGO policy. Nonetheless, DSTO could commit to the requirements of EEGO policy section 8.2 as they relate to major refurbishments. That is, adopting the principles of the Green Lease Schedule with a certified NABERS rating of at least 4.5 stars Office Energy (Tenancy and Base Building in this instance).

More broadly, inclusion or reference to the following could be also considered:

- Provision of separate plant and equipment for the office building (Quonset Hut) from that of the laboratory as generally office conditions do not need to be maintained nearly as stringently.

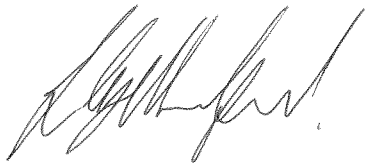
Separate plant will also assist in achieving certified NABERS ratings.

- Office lighting levels to be a maximum of 10 Watts/m^2 preferably around 6-7 Watts/m^2 supplemented by task lighting if required; and
- Automatic perimeter lighting control for all buildings

- Energy efficiency initiatives specifically for the design of the new laboratory such as:
  - Recirculating fume cabinets where possible to minimise exhaustion of conditioned air; and
  - Lighting levels to be a maximum of 10 Watts/m^2 supplemented by task lighting if required.

[redacted]

Yours sincerely



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