



Project Pacific View

Initial Contract Sum:	\$1,200,000
Date for Completion:	December 2005
End Contract Sum:	\$980,000
Date of Actual Completion:	14 February 2006
Description:	Suggest add that the project was designed by DSTO in consultation with CACI based in USA, for undisclosed purposes of classified scientific research.
Number of Variations and Extensions of Time:	A few variations issued for design changes. 1 EOT for delay in specially manufactured paver, requested by Client.
Details of Claims Over \$50,000 (made by either party):	Nil
Value Adding:	Bardavcol initiatives included identifying and resolving the following issues with DSTO to the benefit of the project:- <ul style="list-style-type: none"> i) Superfluous specification of geofabric over HDPE pond liner – determined unnecessary ii) Conflicting specification requirements for proof rolling and compaction iii) Critical installation levels for ag-drain under pads iv) Inappropriate use of ballast in parking areas – subsequently amended v) Improved vehicle access over swale crossings at no extra cost to client
Problem Solving & Innovations:	<p>CACI had specified Strux synthetic fibres to avoid layering issues with thermal bulk density of concrete associated with steel reinforcement. However, this potentially compromised the surface finish requirements. Bardavcol worked with DSTO to identify and trial alternative products and solutions to achieve an optimal compromise between thermal bulk density and surface finish.</p> <p>Early in the project, Bardavcol identified the potential for disruption to DSTO Base access resulting from the large number of trucking movements to complete the project in the prescribed timeframe. Bardavcol worked with DSTO to identify and implement alternative access solutions which avoided disruption to DSTO access and operations.</p> <p>The project specifications initiated in USA based on imperial units of measurement, but built in Australia to the metric system of measurement. Further, certain scientific components were built in the USA but needed to interface with off-the-shelf components of Australian origin. Bardavcol worked with DSTO to identify potential interface conflicts (eg. mounting bolts) and to find appropriate solutions.</p>

Due to the critical dependency of the scientific research outcomes on the specific materials used in finishing the array, CACI representatives requested the ability to personally review and approve limestone pavers during their scheduled site visit late in the project timeline. Bardavcol worked with DSTO to negotiate programme changes to facilitate this review process and minimise the delay to project completion. (This accounts for the extension of time to the actual date of Completion.)

Referees:

DSTO
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