

# Project Summary



**Client:** Australian Defence Force

## Defence Infrastructure Panel for Fuel Farm Works Planning and Appraisal

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<b>Project Summary:</b>	<p>The Australian Defence Force required the provision of professional Bulk Fuel Installation (BFI) engineering consultancy services in support of Commonwealth infrastructure development and management.</p> <p>Synertec was engaged to fulfil this role which responsibilities include:</p> <ul style="list-style-type: none"><li>○ Audits and inspections;</li><li>○ Technical review of BFI design and documentation submissions to assess conformance;</li><li>○ Technical assessment of specialised equipment and/or systems proposed for BFI installations;</li><li>○ Technical advice on specific issues that may arise out of the operation and maintenance of BFI;</li><li>○ System investigation and audit for compliance and/or condition appraisal;</li><li>○ Risk assessment and hazardous operations (HAZOP) studies;</li><li>○ Advice on BFI design and maintenance policy issues; and representing the Commonwealth on matters relating to technical/engineering matters during BFI construction,</li><li>○ Commissioning and handover.</li></ul> <p>Synertec's <b>design</b> responsibilities also include:</p> <ul style="list-style-type: none"><li>○ development of scoping study reports;</li><li>○ preparation of functional design briefs;</li><li>○ design development including preparation of tender documentation, drawings and specifications;</li><li>○ design reviews and assessment documentation;</li><li>○ preparation of detailed technical assessment reports for equipment</li></ul>
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	<p>tenders, design proposals and design solutions;</p> <ul style="list-style-type: none"><li>○ technical/engineering supervision during the construction phase including audit and verification;</li><li>○ commissioning and testing and final inspection of works.</li></ul>
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