

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



| SUMMARY | | | | |
|---|--|---|--|---|
| Definition of the opportunity or issue being highlighted. Initiator please complete the following fields. | | | | |
| Title:* | ACT High Pressure Facilities E&I Compliance Upgrades (FEED Component) | | | |
| Project Initiator:* | | SAP WBS: | | |
| Inquiry Number:* | 10014697 | Service Type:* | CAPEX_Stay in Business | |
| In Regulatory Allowance: | | Asset:* | ActewAGL | |
| Opportunity: * | <p>Jemena is undertaking a facilities E&I compliance upgrade program across the Evoenergy high pressure (HP) gas stations. Electrical and instrumentation (E&I) equipment within these gas stations need to comply with the requirements of the Electricity Safety Act 1971 and the Electricity Regulation 2004. Each facility consists of the following E&I equipment that enables the facility to safely and reliably supply gas to its customers :</p> <p>A) Transmitters, switches, control valves, controllers, cables etc; and</p> <p>B) Electrical motors, lights, electrical switchboards, batteries, etc.</p> <p>Risks have been identified via various inspections, testing and maintenance activities and logged into the Asset Risk Register. These risks may lead to a loss of supply as well as personnel and public injuries leading to reputational and legislative implications. Many risks are being managed through short term mitigation but as the assets age, a more sensible and prudent approach would be to replace the non-conforming equipment thus</p> | | | |
| Objective:* | <p>The overall end state objective is to deliver electrically compliant facilities. The objective of the FEED component of these projects is to rectify all electrical non-conforming aspects of each facility and implement mechanical make-safe where required.</p> <p>Sites included are Gungahlin PRS, Phillip PRS, Watson PRS, Bungendore POTS and Hoskinstown CTS.</p> | | | |
| Project Justification:* | <p>Outcomes of this project will ensure the process, pressure containment and electrical integrity of the HP facilities.</p> <p>Evoenergy will also be able to demonstrate compliance to the Electrical Safety Act 1971 by having dossiers in place, conducting hazardous area inspections and a program of work to rectify identified non-conformances.</p> <p>The FEED component of the project includes : assessment of electrical and mechanical non-conformances, assessment of process integrity, development of scopes of work to address all non-conformances. The requirements of the following standards will be addressed : AS3000, AS60079, AS4041 and AS3788.</p> | | | |
| | <input type="checkbox"/> Commercial | <input checked="" type="checkbox"/> Integrity | <input checked="" type="checkbox"/> Compliance | <input type="checkbox"/> Business Development |
| | | Asset Risk Rating:* | Significant | Solution Required By:* |
| | | | | 30/06/2022 |

| OPTIONS CONSIDERATION | | | |
|--|---|--|---------------|
| List of potential options to resolve the issue or opportunity. Include both options considered and rejected. | | | |
| | Option Description & Assumptions | Delivery Risks & Constraints | Cost Estimate |
| Option 1 (Preferred): | Complete FEED component to have compliant electrical i... | E&I resourcing to complete the required assessm... | \$350,000 |
| Option 2: | | | |
| Option 3: | | | |
| Do Nothing: | Do not upgrade the E&I components of the facilities. | | \$0 |
| Comments: | | | |

| PROJECT SCHEDULE | | | |
|---|------------------------|-------------|----------|
| Initial view of the key milestones of the project, as well as approver and responsible group. | | | |
| | Gate & PMM Phase | Target Date | Comments |
| Project Schedule: | Gate 1 - Initiate | | |
| | Gate 2 - Plan & Define | | |
| | Gate 3 - Plan & Define | | |
| | Gate 4 - Deliver | | |
| | Gate 5 - Deliver | | |
| | Gate 6 - Deliver | | |
| | Gate 7 - Close | | |




FINANCIAL FORECAST

Financial overview of the project, providing an oversight on how much the project is expected to cost against the AMP budget allocation.

Project Estimate:* This value is automatically populated with the value from Option 1 (Preferred) Cost Estimate under Options Consideration.

REFERENCED DOCUMENTS

Please note hyperlinks must begin with "http://"

| Document No. | Title | ECMS Link / Reference |
|--|----------------------|---|
| 1 | <input type="text"/> |  |
| 2 | <input type="text"/> |  |
| 3 | <input type="text"/> |  |
| Additional Attachments <i>(Please ensure attached documents are included in project folder)</i> | | |

APPROVAL

| Approver | Title | Name | Approval |
|-----------------------|---|------|----------------------|
| Recommended By | Project Initiator* | | <input type="text"/> |
| Agreed By | Asset Strategy Representative* | | <input type="text"/> |
| Decided By | Asset Investment Manager (AMP)/ GM Commercial (Commercial)* | | <input type="text"/> |

COMMENTS

Please fill in all highlighted fields

Print Gate

Outstanding Approval

✓ Title Related Content Created

There are no items to show in this view of the "Tasks" list.