

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



SUMMARY			
Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.			
<b>Title:*</b>	Integrity Assessment of Canberra Primary Main (CPM) using ILI		
<b>Project Initiator:*</b>		<b>SAP WBS:</b>	
<b>Inquiry Number:*</b>	1.00486e+007	<b>Service Type*:</b>	OPEX_Other
<b>In Regulatory Allowance:</b>		<b>Asset:*</b>	ActewAGL
<b>Opportunity: *</b>	To ensure the continued safe operation of the CPM pipeline it is the requirement of AS 2885 and the Evo Energy Pipeline Integrity Management Plan (PIMP) to undertake integrity assessment by utilising In-Inspection (ILI) tool to obtain data on the condition of the pipe wall and assess the integrity of the pipeline during RY24/25. Minimum one field validation dig (severe anomaly) will need to be undertaken based on the ILI results to verify the results.		
<b>Objective:*</b>	To carry out the in-line inspection and GIS mapping of the CPM pipeline will: <ul style="list-style-type: none"> <li>Verify the integrity of the pipe wall to ensure the pipeline can continue to operate at MAOP.</li> <li>Meet AS2885.3 section 6 requirements.</li> <li>Comply with regulatory and pipeline licence conditions.</li> <li>Provide for the effective and safe operation of the pipeline</li> </ul>		
<b>Project Justification:*</b>	<ul style="list-style-type: none"> <li>Assessment of ILI data will be used to review associated risks and confirm pipeline MAOP.</li> <li>Assessment of ILI data will further quantify the rate of change of pipeline wall condition (corrosion growth) and facilitate in planning the capex and operational activities.</li> <li>Anomalies identified for direct inspection will form the basis of the integrity dig program used to monitoring of pipe condition between successive ILI programs typically 10 years</li> <li>Satisfy the requirements of AS 2885 Section 6 "Pipeline Structural Integrity"</li> </ul>		
<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Integrity <input checked="" type="checkbox"/> Compliance <input type="checkbox"/> Business Development <input checked="" type="checkbox"/> Safety			
<b>Asset Risk Rating:*</b>		High	<b>Solution Required By:*</b>
			30/06/2025

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
<b>Option 1 (Preferred):</b>	Integrity assessment using In-line Inspection	Pigging run needs to be in post winter: To ensure sufficient flow to move pig To ensure commercial requirements and shippers... To ensure risk strategies to address potential issu...	
<b>Option 2:</b>	Integrity assessment using direct inspection based on CP...	Limited compliance Limitation in forecasting future asset integrity pla... Restriction on location of integrity digs (pipeline ... Require extensive traffic management DCVG limitation in detecting disbonded HSS lead...	
<b>Option 3:</b>	Integrity assessment using hydrostatic testing of the pip...	Pipeline will need to be taken out of service affec... logistical issues such as sourcing and disposal of ... Adequate exclusion zones will be required to man...	
<b>Do Nothing:</b>	Perform Business As Usual (CP monitoring)	Non compliance to regulatory and AS2885 standa... Supply and safety risk to customers.	
<b>Comments:</b>	The Lic 29 (Hoskinstown to Fyshwick) pipeline pig barrels will be used for pigging the pipeline sections. Work is required to set up the temporary pigging facilities at Gungahlin PRS, Phillip PRS, Watson PRS and Narrabundah tie-in (Hume PME) location. Hume PRS and Narrabundah tie-in (Hume PME) locations require fabrication of piping spools to connect to the temporary facilities. Gungahlin, Phillip, and Watson locations have temporary piping spools available from 2015 piping. In addition, allowance for one validation dig is required in the risk expenditure for the project for any severe anomaly identified during ILI which fails the Level 1 assessment.		

PROJECT SCHEDULE			
Initial view of the key milestones of the project, as well as approver and responsible group.			
Project Schedule:	Gate & PMM Phase	Target Date	Comments
	Gate 1 - Initiate	31/07/2024	
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define		

Gate 4 - Deliver	<input type="text"/>	<input type="text"/>
Gate 5 - Deliver	<input type="text"/>	<input type="text"/>
Gate 6 - Deliver	<input type="text"/>	<input type="text"/>
Gate 7 - Close	<input type="text"/>	<input type="text"/>



**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" value="Canberra Primary Main Risk Register"/>	<a href="http://ecms/otcs/livelink.exe/open/308988894">http://ecms/otcs/livelink.exe/open/308988894</a>
2	<input type="text"/>	
3	<input type="text"/>	
Additional Attachments (Please ensure attached documents are included in project folder)		

**APPROVAL**

Approver	Title	Name	Approval
<b>Recommended By</b>	Project Initiator*		<input type="text"/>
<b>Agreed By</b>	Asset Strategy Representative*		<input type="text"/>
<b>Decided By</b>	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.