

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



SUMMARY				
Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.				
Title:*	Installation of Odorant Analyser at Watson Canberra TRS			
Project Initiator:*		SAP WBS:	AAN-RFT-000012	
Inquiry Number:*		Service Type:*	CAPEX_Stay in Business	
In Regulatory Allowance:		Asset:*	ActewAGL	
Opportunity: *	<p>Natural gas is an odourless gas, therefore, it is odourised to ensure gas leaks are detected by humans to ensure customer and network Safety and to meet regulatory requirements. As a result, analysis for odorant is required to confirm appropriate levels of odorant are available in the gas. APA supply gas into the JGN and ACTEWAGL gas networks from the Moomba to Sydney Pipeline. This gas is odourised by APA at their metering facility at Young. Jemena confirms the odorant levels in the gas delivered to the Sydney / Newcastle network by using an analyser at the West Hoxton TRS. This gas is a mixture of Victorian, South Australian and NSW coal seam gas. The Odorant levels in the Victorian gas are measured by the Jemena owned Sulphur analyser at Port Kembla. This is a direct continuous measurement of Victorian gas, however, Jemena does not have a direct continuous measurement of the gas odourised by APA and delivered to the AAD. Jemena also supplements fixed odorant measurements by carrying out manual odorant spot check readings. The absence of a continuous odorant analyser on the gas delivered by APA to the AAD creates a risk of gas leaks not being detected by the human nose in the AAD. This has the potential to result in explosions which lead to loss of life and loss of property. Therefore, the issue being addressed is the absence of a fixed odorant monitoring device on the ActewAGL gas networks to monitor the levels of odorant in the gas delivered by APA into the ActewAGL networks.</p>			
Objective:*	Install an Odorant Analyser at the Watson TRS to monitor the odorant levels in the gas delivered by APA into the ActewAGL gas networks.			
Project Justification:*	<p>"Monitor to ensure the presence of adequate odorant level in the network is a key mitigate of the following risks:</p> <ul style="list-style-type: none"> a) Potential gas leaks in homes and on streets . The presence of appropriate levels of Odorant ensures they are detected by smell. b) A build up of gas in enclosures could lead to explosions resulting in damage to property, injury or death. c) Potential negative impact on the reputation of the owner and operator of the gas networks. d) breach of regulatory and legislative obligations for safety supply " <p style="text-align: right;">a) Potential b) A build up of gas in d) Loss of gas</p>			
	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Integrity	<input checked="" type="checkbox"/> Compliance	<input type="checkbox"/> Business Development
		Asset Risk Rating:*	High	Solution Required By:*
				30/06/2020

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):	Purchase and Install an Odorant Analyser At the Canb...	The Odorant analyser will allow monitoring of od...	\$150,000
Option 2:	Accept APA odourisation practice at Young.	Odorant compounds can be absorbed into the pi...	\$0
Option 3:			
Do Nothing:	Do Not monitor OdorantContent	This is a High Risk approach: the Safety of the pu...	\$0
Comments:			

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	1/01/2019	
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define		
	Gate 4 - Deliver		
	Gate 5 - Deliver		
	Gate 6 - Deliver		
	Gate 7 - Close		

30/06/2020




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

Print Gate

Outstanding Approval

✓ Title Related Content Created

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