

# Opportunity Brief for Infrastructure



**Title:\*** Path Valves - Medium and Low Pressure

## 1. Summary

*Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.*

<b>Project Initiator:*</b>	Graham Thomas	<b>SAP WBS:</b>	
<b>Inquiry Number:</b>		<b>Service Type*:</b>	CAPEX_Replacement
<b>In Regulatory Allowance:</b>		<b>Asset:*</b>	JGN
<b>Opportunity: *</b>	<p>A path valve is a isolation valve, part of an Industrial and Commercial service. These valves are a safety device (isolation valve). In the event of a gas escape, an escape within building, the valve provides a mechanism to isolate the downstream supply (customer piping system).</p> <p>The valves are installed below ground level within the "foot path" and other open public spaces. Locating the valves external to the building provides direct access, allowing Jemena to manage the risk of a gas escape in a timely manner.</p>		
<b>Objective:*</b>	Ensure the ongoing effectiveness of these safety devices.		
<b>Project Justification:*</b>	<p>An investigation into the condition and operation of path valves (Haymarket and Kings Cross) has identified a number of operational issues: Valve or valve cover may be damaged Unable to locate a valve. Unable to operate a valve These issues impact Jemena's effectiveness to isolate downstream gas supply. This creates a public safety and reputational risk.</p> <p><input type="checkbox"/> Commercial    <input checked="" type="checkbox"/> Integrity    <input checked="" type="checkbox"/> Compliance    <input type="checkbox"/> Business Development    <input checked="" type="checkbox"/> Safety</p>		
<b>Asset Risk Rating:*</b>	Moderate	<b>Solution Required By:*</b>	1/07/2020

## 2. 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>	Repair/replace path valves on an as needs basis. Approximately 10 valves per annum	nil	\$100,000
<b>Option 2:</b>	Do nothing	Exposes Jemena and the general public to an unacceptable safety risk. In the case of a gas escape, this critical risk control may not be effective.	
<b>Option 3:</b>			
<b>Do Nothing:</b>			
<b>Comments:</b>			

## 3. Project Schedule

*Initial view of the key milestones of the project, as well as approver and responsible group.*

	Gate & PMM Phase	Target Date	Comments
<b>Project Schedule:</b>	Gate 1 - Initiate	1/07/2019	
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define		
	Gate 4 - Deliver		
	Gate 5 - Deliver		
	Gate 6 - Deliver		
	Gate 7 - Close		

## 4. 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:\*** \$100,000 *This value is automatically populated with the value from Option 1 (Preferred) Cost Estimate under Options Consideration.*

## 5. Referenced Documents

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

Document No.	Title	ECMS Link / Reference
1		
2		
3		

Additional Attachments <small>(Please ensure attached documents are included in project folder)</small>			
6. Approval			
Approver	Title	Name	Approval
<u>Recommended By</u>	Project Initiator*	Graham Thomas	Approved by Gupta Goli on 12/05/2019.
<u>Agreed By</u>	Asset Strategy Representative*	Phil Colvin	Approved by Phil Colvin on 12/05/2019.
<u>Decided By</u>	Asset Investment Manager (AMP)/ GM Commercial (Commercial)*	Troy Kooloos	Approved by Troy Kooloos on 20/05/2019.
Comments			

# Opportunity Brief for Infrastructure



**Title:\*** Path Valves - Secondary Pressure

## 1. Summary

*Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.*

<b>Project Initiator:*</b>	Graham Thomas	<b>SAP WBS:</b>	
<b>Inquiry Number:</b>		<b>Service Type:*</b>	CAPEX_Replacement
<b>In Regulatory Allowance:</b>		<b>Asset:*</b>	JGN
<b>Opportunity: *</b>	A path valve is a isolation valve, part of an Industrial and Commercial service. These valves are a safety device (isolation valve). In the event of a gas escape, an escape within building, the valve provides a mechanism to isolate the downstream supply (customer piping system). The valves are installed below ground level within the "foot path" and other open public spaces. Locating the valves external to the building provides direct access, allowing Jemena to manage the risk of a gas escape in a timely manner.		
<b>Objective:*</b>	Ensure the ongoing effectiveness of these safety devices.		
<b>Project Justification:*</b>	An investigation into the condition and operation of path valves (Haymarket and Kings Cross) has identified a number of operational issues: Valve or valve cover may be damaged Unable to locate a valve. Unable to operate a valve These issues impact Jemena's effectiveness to isolate downstream gas supply. This creates a public safety and reputational risk.		
	<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>	Moderate	<b>Solution Required By:*</b>	1/07/2020

## 2. 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>	Repair/replace path valves on an as needs basis, as identified from field investigations Two valves per annum	nil	\$80,000
<b>Option 2:</b>	Do nothing	Exposes Jemena and the general public to an unacceptable safety risk. In the case of a gas escape, this critical risk control may not be effective.	
<b>Option 3:</b>			
<b>Do Nothing:</b>			
<b>Comments:</b>			

## 3. Project Schedule

*Initial view of the key milestones of the project, as well as approver and responsible group.*

	Gate & PMM Phase	Target Date	Comments
<b>Project Schedule:</b>	Gate 1 - Initiate		
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define		
	Gate 4 - Deliver		
	Gate 5 - Deliver		
	Gate 6 - Deliver		
	Gate 7 - Close		

## 4. Financial Forecast



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

<b>Project Estimate:*</b>	\$80,000	<i>This value is automatically populated with the value from Option 1 (Preferred) Cost Estimate under Options Consideration.</i>
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## 5. Referenced Documents

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

Document No.	Title	ECMS Link / Reference
1		

2		
3		
Additional Attachments <small>(Please ensure attached documents are included in project folder)</small>		

6. Approval			
Approver	Title	Name	Approval
<u>Recommended By</u>	Project Initiator*	Graham Thomas	Approved by Gupta Goli on 7/05/2019.
<u>Agreed By</u>	Asset Strategy Representative*	Phil Colvin	Approved by Phil Colvin on 7/05/2019.
<u>Decided By</u>	Asset Investment Manager (AMP)/ GM Commercial (Commercial)*	Troy Kooloos	Approved by Troy Kooloos on 9/05/2019.

Comments