

SPM Putney to SB ILI Budget Summary

No Errors Found

Project Estimating Model (PEM) v.1.97R

[Table of Contents](#)



SPM Putney to SB ILI

Project Name Asset (Capex/Opex) Capital Program Project Initiator Project Manager	SPM Putney to SB ILI Jemena Gas Network (JGN) - Capex	Jemena WBS Zinfra WBS Project Start Date PEM Version	BAB-RAK-000134 ABP-RAK-000134 1-Jan-25 1.97R
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Inclusions

Rosen's estimate for Lic 1 is used which includes EMAT
Cleaning , gauging and magnetic brush runs
Internal resources and contractor during pigging
Allowance for Rosen to attend workshops and risk assessment
Materials
Survey cost , Crane contractor
Pigging to be managed in 03 different section runs.
* Putney to North Ryde - section 1
* North Ryde to Goodman Fielder - section 2
* Goodman Fielder to SB- section 3

Exclusions

Repair of any defects identified before , during or after the pigging
Any modification to existing pipework
Pigging facility costs

Rerun of any tool due to unforeseen event or activity

Assumptions

Internal Labour allowance is sufficient as per 2023 pigging resource discussions
AGM data can be used for 2018 - Internal labour hr reduction in this case
Existing network configuration to support pigging

Constraints

Piggability assessment and completion of pigging facility

Project Cost Splits - by Gate

Gates	First Month of Expenditure	Budget (\$) Direct Cost JEMENA ONLY	Budget (\$) Direct Cost ZINFRA ONLY	Budget (\$) Direct Cost Combined	% Split Direct Cost	Budget (\$) Risk Allocation	Budget (\$) Indirects (ZSS)	Budget (\$) Overheads	TOTAL Budget (\$) (DC+ RA+ IND + OH)
Gate 1 - Initiate	Feb-27	15,328	-	15,328	1.0%	1,700	6,162	834	24,025
Gate 2 - Plan & Define	Jun-27	20,881	1,592	22,473	1.4%	2,000	8,857	1,199	34,529
Gate 3 - Plan & Define	Dec-27	10,974	57,142	68,116	4.3%	6,100	26,859	3,637	104,712
Gate 4 - Deliver	Aug-28	6,859	74,169	81,028	5.1%	12,000	33,667	4,558	131,253
Gate 5 - Deliver	Aug-29	-	1,380,410	1,380,410	86.5%	310,700	612,013	82,864	2,385,987
Gate 6 - Deliver	Oct-29	4,115	13,019	17,135	1.1%	1,600	6,780	918	26,433
Gate 7 - Close	Nov-29	-	10,569	10,569	0.7%	1,000	4,187	567	16,322
Totals		58,157	1,536,901	1,595,058	100.0%	335,100	698,524	94,578	2,723,260

Project Cost Splits - by Resource Type

Cost Code	Description	Budget (\$) Direct Cost JEMENA ONLY	Budget (\$) Direct Cost ZINFRA ONLY
Jemena			
JEMMAT	Jemena Materials	-	-
PM	Jemena Labour	58,157	-
JEMSUB	Jemena engaged contractors (excl Zinfra)	-	-
REST	Restorations (Jemena Cost)	-	-
Zinfra			
ZINMAT	Zinfra Materials	-	50,000
L	Zinfra Labour	-	558,901
ZINSUB	Zinfra engaged contractors	-	928,000
Totals		58,157	1,536,901

Project Estimate Review

Name	Position	Signature	Date

