



REJUVINATION OF JAL MAHAL

PROJECT RISK REGISTER

PGP-APM
GROUP - IX

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Risk Probability & Impact Matrix													
Threats					Opportunities								
Probability	Very High 0.9	0.05	0.09	0.18	0.36	0.72	0.72	0.36	0.18	0.09	0.05	Probability	
	High 0.7	0.04	0.07	0.14	0.28	0.56	0.56	0.28	0.14	0.07	0.04		
	Medium 0.5	0.03	0.05	0.10	0.20	0.40	0.40	0.20	0.10	0.05	0.03		
	Low 0.3	0.02	0.03	0.06	0.12	0.24	0.24	0.12	0.06	0.03	0.02		
	Very Low 0.1	0.01	0.01	0.02	0.04	0.08	0.08	0.04	0.02	0.01	0.01		
Very Low 0.05					Low 0.1	Moderate 0.2	High 0.4	Very High 0.8	Very High 0.8	High 0.4	Moderate 0.2	Low 0.1	Very Low 0.05
Negative Impact					Positive Impact								

PROJECT - REJUVINATION OF JAL MAHAL
DOCUMENT - PROJECT RISK REGISTER (R3)

Risk ID	Risk Category	Risk Name	Risk Owner (Responsibility)	Schedule Impact	Cost Impact	Probability	Impact	Risk Exposure	Type of Risk	Strategy	Response Action
1.1	Contractual/ Business	Lack of Public Sector Experience	Project Manager	Yes	Yes	0.9	0.4	0.36	Threat	Mitigate	Deploy SME or consultant who has prior experience
1.2	Contractual/ Business	Future Projects Award	Project Manager	No	No	0.5	0.4	0.2	Opportunity	Enhance	Customer satisfaction to be given highest priority
1.3	Contractual/ Business	No information on Completing/ Potential Bids.	Contracts Manager	Yes	Yes	0.3	0.8	0.24	Threat	Mitigate	Deploy an experience tendering & contracts team, as public sector is new to organisation.
2.1	Force Majeure	Earthquake	Project Manager	Yes	Yes	0.3	0.4	0.12	Threat	Transfer	CAR Insurance will cover the the cost of damages
2.2	Force Majeure	Occurrence of Pandemic	Portfolio Manager	Yes	Yes	0.3	0.8	0.24	Threat	Accept	Follow the guidelines to minimize the effects upon occurrence
2.3	Force Majeure	Civil War/Political Disturbance	Portfolio Manager	Yes	Yes	0.3	0.4	0.12	Threat	Accept	Follow the guidelines to minimize the effects upon occurrence
3.1	Administrative/ Project management	Delay in Route Identification	Design Manager	Yes	Yes	0.3	0.2	0.06	Threat	Mitigate	Work in close coordination with design consultant & project sponsor
3.2	Administrative/ Project management	Delay in land acquisition	Admin Manager	Yes	Yes	0.5	0.2	0.1	Threat	Mitigate	Work in close coordination with government bodies
3.3	Administrative/ Project management	Expected Hawker protests	Admin Manager	Yes	Yes	0.5	0.4	0.2	Threat	Mitigate	Conduct frequent meetings with hawkers & locals during initiation
4.1	Performance	Inapt BOD < 15 mg/l	QC Manager	Yes	Yes	0.3	0.4	0.12	Threat	Mitigate	Deploy QA/ QC team to monitor & conduct regular tests & quality checks
4.2	Performance	Damage to Fish Species, Surviving < 10 Species	HSE Manager	Yes	Yes	0.5	0.4	0.2	Threat	Mitigate	Deploy HSE tems to monitor the works at site

4.3	Performance	Insufficient capacity fountain/ Bubblers	SubCon Manager	Yes	Yes	0.3	0.4	0.12	Threat	Mitigate	Deploy specialized subcon for the work
5.1	Execution/ Quality/ Workmanship	Precision in drain weld	HR Manager	Yes	Yes	0.3	0.2	0.06	Threat	Mitigate	Deploy Skilled manpower
5.2	Execution/ Quality/ Workmanship	Overreading from lake bed	P&M Manager	Yes	Yes	0.3	0.4	0.12	Threat	Mitigate	Use of precision equipment & skilled operators
5.3	Execution/ Quality/ Workmanship	Inappropriate chemical use during lake cleaning with CV Technology	SubCon Manager	Yes	Yes	0.3	0.8	0.24	Threat	Mitigate	Deploy specialized subcon for the CV Technology