
JAL MAHAL

Project – Risk Register



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Group-8

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Class Assignment

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JAL MAHAL PROJECT - RISK REGISTER

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Risk Category		Risk Name	Owner	Probability	Impact	Risk Score	Risk response	Risk Action plan	Reserve analysis	Implications of risk		
										Schedule	Cost	Scope
Environmental	Water polluted due to work		Environmental manager	0.3	4	1.2	Avoid	No disposal in water	Replenish the water		●	●
	Local flora and fauna may be affected		Environmental manager	0.7	4	2.8	Mitigate	Take precaution	Proper plantation reserve	●	●	
	Lack of area for muck disposal		Environmental manager	0.5	3	1.5	Mitigate	Allocate area away from city	Excavate a trench and dump	●	●	●
Technical	Lack of movement space for dredging machineries		Construction manager	0.7	3	2.1	Avoid	Plan suitable size of equipment	Hire best alternative	●	●	
	Stress crack in drainage pipes		Construction manager	0.5	5	2.5	Avoid	Check pipe quality	Go with certified suppliers only		●	●
	Concrete getting severe exposure to water		Construction manager	0.7	5	3.5	Mitigate	Higher quality concrete	Change the brand of cement used		●	
	Construction during monsoon		Construction manager	0.5	5	2.5	Mitigate	Finish critical activities before	Crashing and fast tracking	●	●	
Statutory	Delay in approvals from local bodies		Contracts manager	0.7	3	2.1	Mitigate	Follow up regularly	Use existing connections with govt		●	
	Any change in taxation policy		Accounts manager/ Taxation managers	0.3	3	0.9	Accept	Change cash flow	Keep some margin while quoting		●	
	Local interference in the project		Contracts manager / Project Manager/ Facility Manager	0.5	5	2.5	Transfer	Take govt assistance	Claim extension from client	●	●	
Quality	Unskilled labour workmanship		QA/QC Manager	0.7	3	2.1	Mitigate	Take skilled labour	Training the workmen and monitor	●	●	
	Degradation in water for construction		QA/QC Manager	0.5	4	2	Mitigate	No disposal and regular tests	Find suitable source of water nearby		●	●
	Lack of Availability of good quality construction materials		QA/QC Manager	0.3	4	1.2	Mitigate	Procure from known contractor	Cost for finding best alternative	●	●	
Financial	The importing of technology is high cost		Project manager	0.7	3	2.1	Mitigate	Look for alternative	Technology cost escalations	●	●	
	Time constraint will lead to crashing and cost overrun		Project manager	0.7	4	2.8	Mitigate	Schedule accordingly	Deploy additional resource	●	●	
	Delay in client payments		Project manager	0.5	4	2	Mitigate	Plan reserve and contingency	Keep some margin while quoting		●	

		Impact on Project Objective				
		1	2	3	4	5
Probability	0.9					
	0.7					
	0.5					
	0.3					
	0.1					