## Grootvlei Risk Assessment Template Rev2 Compiled by :

Dashboard Indicators	
Highest Consequence Rating: (manual input)	
Highest Likelihood Rating: (manual input)	
Risk/contingency as (%) of the contract value: (manual input)	
Risk/contingency % as monetary value (R): (manual input - correspond with Contract Strategy & Cost Analysis)	

Note:
Once printed, insert in contract file.

Hydrogen Skid and Gas Station Services at Grootvlei Power Station

#	Risk Statement	Y/N	Consequence Description	Consequence Rating	Likelihood	Potential Exposure	Risk Control	Priority for Attention	Contingency	Treatment/Control Strategy	Triggers	Assignee
	Link to Reference Document			Table 4	Table 5	Table 3	Table 7	Table 8				
1	Were interfacing contracts identified?	N										
3	Was IBI training specified in the contract?	Y	Miscommunication during the execution, resulting in bad quality work.	1	A - <5% Probability	Departmental Impact	Fully Effective	II - M/Term (<3mths)	training requirements for contractor employees specified in the contract.	Contractor to provide training his/her employees.	Lack of information and misunderstanding.	Service Manager/ Contract Supevisor
4	Have the contract considered spares holding?	N							ine contract.			
5	Was supplier infrastructure establishment considered?	Υ	Non compliance to SHEQ requirements.	1	E - 99% Probability	BU Impact	Fully Effective	IV - Ongoing	Cost included in the contract	Site establishment costs included in contract	Infrustructure unavailability	Contract Supervisor
6	Does the contract cater for SHE/plans?	Υ	non compliance and inability to plan ahead, resulting in physical injury / damage to property.	1	C - >20% Probabilit	t Departmental Impact	Fully Effective	IV - Ongoing	Submission of a SHE plan is a specified requirement in the contract	The contractor shall submit safety plans which comply to safe work procedure for the employer and it must be accepted by the Service Manager	Work at heights, confined spaces. Presence of hazardous materials and substances.	Site Manager and Service Manager
7	Does the contract cater for risk assessments?	Υ	Physical injury or property damages	1	Շ - >20% Probabilit	Departmental Impact	Fully Effective	IV - Ongoing	Risk assessment is specified and is included in safety requirements.	The contractor shall submit daily risk assessment forms (STA) to the Contract Supervisor	Non compliance, Physical injury or property damages	Site Manager and Contract Supervisor
8	Is there any risk in the contract strategy e.g. term, service, supplier?	N										
9	PSR responsibility	Υ	Delays in execution of the works resulting in delays in the RTS of the unit.	1	C - >20% Probabilii	BU Impact	Fully Effective	IV - Ongoing	Ensures corrective measures in the plant are taken.	Responsible for applying for a permit and employees to work that permit.	Poor Planning	Site Manager and Contract Supervisor
10	Will decision making by the supplier impose a risk to the organisation?	Υ	Wrong decisions may lead to injury or property damage.	1	C - >20% Probabilit	BU Impact	Fully Effective	IV - Ongoing	Delegated to inform your senior about risks highlighted	Decisions to be approved by the Service Manager and the Contract Supervisor.	Poor reporting	Site Manager / Service Manager / Contract Supervisor
11	Were medical/induction and associated costs considered?	Υ	If contractor does not go through induction and medical, contrator will not have site access causing delays.	1	A - <5% Probability	Departmental Impact	Fully Effective	III - 1Yr	Cost included in the contract	Cost included in the contract	non compliance to contractual requirements.	Contract Supervisor / Service Manager
12	Will the contractor be responsible for access permit/costs?	N										Project Supervisor
13	Were the suppliers qualification and experience defined or requested?	Υ	Poor quality workmanship due to Contractor incompetency.	2	A - <5% Probability	Departmental Impact	Fully Effective	II - M/Term (<3mths)	skills required specified in the contract.	Technical evaluation of tenders ata the biginning and	Challenge in identifying pre- screening of documents	Service Manager and Contract
14	Were quality requirements/objectives set in the contract?	Υ	Contractor incompetence and poor quality workmanship	2	) - >50% Probabilit	BU Impact	Fully Effective	I - S/Term (1mth)	Quality requirements specified in the contract.	The contractor must adhere to quality control plan requirements, use IBI tool (job observation, pre-job debriefs etc)	Tasks incorrectly assigned.	Site Manager and Service Manager
15	Was CIDB compliance specified in the contract?	N								oto,		
16	Was a implementation program requested in the contract?	Υ	Timelines or deadlines not met.	2	) - >50% Probabilit	Departmental Impact	Fully Effective	I - S/Term (1mth)	Regularly reviewed to meet timelines.	effective communication & supervision.	No implemantationplan	Contract Supervisor / Service Manager
17	Any risk for contract to be up and running?	Υ	Delays in the contract start date	1	) - >50% Probabilit	Departmental Impact	Fully Effective	I - S/Term (1mth)	project and commercial plan	effective communication.	Poor planning & backlog at tender office.	
18	Does the contract pose a risk for loss of opportunities?	N										
19	Was the learning curve for staff been considered?	N										
20	Is there any risk of double processing or duplication of work or in contract?	N										
21	Is this contract dependant on additional external consultants/ costs?	N										
22	Does the contract pose a threat for downtime or service disruption?	N										

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23	Were the quality of deliverables specified?	Υ	Poor structural integrity and injury to personnel.	1	B - >5 Probability	Departmental Impact	Fully Effective	IV - Ongoing	All plant to be used to meet the specified requirements .	Material must be QC checked and be of good quality when delivered and must comply with SABS & ISO Standards	Quality inspections not done.	System Engineer and the Contract Supervisor
24	Are there any threat of safety with contract deliverables?	N			I			1				
25	Was the acceptance criteria specified?	Υ	Incompetent contractor and inability to deliver the expected outputs.	1	B - >5 Probability	Departmental Impact	Fully Effective	IV - Ongoing	Contract deliverables are specified	Eskom specifications supplied in the contract	All plant should meet the specified requirements in the scope.	Contract Supervisor / Service Manager
26	Will this contract impact other contracts/projects?	N										
27	Was the cost of implementation considered?	Υ	Scope creep will result in increased costs	1	A - <5% Probability	Departmental Impact	Fully Effective	I - S/Term (1mth)	detailed scope issued	There is a contingency provided.	Compensation events	Contract Supervisor
28	Was the cost of training considered?	Υ	Incompetent personnel	1	A - <5% Probability	y BU Impact	Fully Effective	II - M/Term (<3mths)	included in the scope of work.	Internal training where applicable shall be provided by Eskom, external training shall be provided by the Contractor.	Training requirements are stipulated in the contract.	Contract Supervisor / Service Manager
29	Are there a risk for costs in mistakes?	Υ	Scope creep will result in increased costs	1	A - <5% Probability	y BU Impact	Fully Effective	I - S/Term (1mth)	detailed scope issued	There is a contingency provided.	Compensation events	Contract Supervisor / Service Manager
30	Does the contract pose in financial risk or exposure?	N		1	İ			1				
31	Are there any risk i.t.o. skills and availability?	N										
32	Were the employment requirements considered?	Υ	Incompetent personnel	1	- >20% Probabilit	t BU Impact	Partially Effective	IV - Ongoing	only qualified personee for the work should be employed.	Employment requirements included in the contract.	Contractor not adhering to employment requirements	Contract Supervisor / Service Manager
33	Does the contract require a change management component?	N			·			<u> </u>				
34	Will the contract have an impact on working conditions?	Υ	System interuptions and delays	3	B - >5 Probability	BU Impact	Fully Effective	I - S/Term (1mth)	plant to meet the specified requirements in the service information.	Included in the contract	Contractor non-compliance	Contract Supervisor / Service Manager
35	Will the contract have an effect on existing job descriptions?	N										
36	Could the contract effect staff morale?	N										
37	Does the contract specify compliance to specific standards?	Υ	Poor quality	2	A - <5% Probability	BU Impact	Fully Effective	IV - Ongoing	Contractor must work according to approved specifications and standards.	Contractor must work according to approved specifications and standards.	Non adherance to contract specifications.	Contract Supervosor and System Engineer
38	Could the contract lead to negative reactions?	N			·			<u> </u>				
39	Was the cost of maintenance considered?	N										
40	Is a Disaster Recovery Plan required?	Υ	Delays in construction	2	: - >20% Probabilit	t BU Impact	Fully Effective	IV - Ongoing	included for safety purpose	Effective communication and control measures on disaster management in place.	Natural disaster and changes in the law.	Service manager and Contract supervisor
41	Could there be a risk i.t.o. supplier vulnerabilities?	N						<u> </u>				
42	Could the contract/ data result in lack in customer service?	N			 [							
43	Were legal requirements captured or referred to?	Υ	Breach of contract, legal requirements listed in the contract	2	B - >5 Probability	Departmental Impact	Fully Effective	II - M/Term (<3mths)	contractual agreement to be signed by both parties.	NEC to be signed by all parties involved	Contract not signed	Service manager and Contract supervisor
44	Could industrial action have an effect on contract execution/steps taken?	Υ	System interuptions and delays	2	B - >5 Probability	BU Impact	Partially Effective	IV - Ongoing	Contract duration is sufficient	NEC Clause X2	Extention of industrial action.	Service manager and Contract supervisor
45	What role will weather conditions play in the execution of the contract?	Υ	System interuptions and delays	2	B - >5 Probability	BU Impact	Fully Effective	IV - Ongoing	Screen plant included	Sreen plant included in the contract.	Abnormally heavy rains.	Service manager and Contract supervisor
46	Is the contract period the best option?	Υ	exceeding the budget & allocated period	1	A - <5% Probability	BU Impact	Fully Effective	IV - Ongoing	Plant Spotters allocated	The program to be monitored and managed closely.	Weather conditions & poor management of the project.	Site manager and contract supervisor
47	What communications risk exist for the contract?	N	55.150		<del></del>			·	anobated	and managed diosely.	management of the project.	CONTRACT SUPERVISUE
48	Are there any procurement risks?	Υ	Yes, delays in commercial process	1	- >20% Probabilit	t BU Impact	Partially Effective	IV - Ongoing	tender office delays incorporated in the commercial plan.	tender office delays incorporated in the commercial plan.	Delays in commercial process	Contract Supervisor
49	Does time constraints pose a risk to the contract?	N						 	Commercial plant.	commissional plan.		
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50	Any risks in scope increasing/ Any risks in the costs/ analysis of the	N										