

Kusile Power Station Contract Risk Assessment
Compiled by : Given Rikhotso

Contract Name: PJFF and Smoke Stack Maintenance Services
Contract Supervisor: _____
Service Manager: Given Rikhotso
Date: 2023/03/18

Dashboard Indicators	
Highest Probability Rating: (manual input, scale 1-10)	
Highest Impact Rating: (manual input, scale 1-10)	
Highest Exposure Rating: (manual input, 1-100)	
Overall Exposure Score: (scale of 1 - 100, low to high)	
Risk/contingency as (%) of the contract value: (R)	10%
Risk/contingency % as monetary value (R): (ma)	R 0.00

Legend

Impact
1 - 2 Ignore_event is negligible
3 Minor_financial loss or injuries
4 - 5 Significant_lost business,significant financial loss, fatalities
7 - 9 Severe_lost business opportunities, financial loss,many fatalities
10 Catastrophic_impact on Eskom or our business

Exposure Score - Actions Required (Treatment)
>0 < 30 : Unlikely, contingency required
>30 < 70 : Likely, mitigating strategy and contingency to be completed
>70: Certain, mitigating strategy, contingency and triggers to be completed


Probability/Likelihood	Treatment
1 - Ignore_event is negligible	Unlikely - Contingency
2 - Remote_has happened somewhere	
3 - Highly unlikely event will occur	
4 - Conceivable but unlikely	Likely - Strategy
5 - Unusual but possible	
6 - Possible	
7 - Event can occur	Certain - Action Plan
8 - Might well be expected	
9 - Will probably occur	
10 - Will definitely occur	

Risk Statement													
#	Condition/ Checklist	(Y/N)	Explain (Y/N)	Does the item pose a risk (Y/N) ?	Explain (Y/N)	Consequence	(1 - 10) Probability	Closest Applicable statement)	(1 - 10) Impact	Exposure	Contingency	Mitigation	Assignee
1	Were interfacing contracts identified?	N	Spares Refurbishmnet Contract	Not Applicable	Not applicable	Not applicable	0	Not applicable	0	0	None	None	
3	Was IBT training specified in the contract?	N	Re-occurrence of errors while performing the work	Not applicable	Not applicable	Not applicable	0	Not applicable	0	0	None	None	
4	Have the contract considered spares holding?	Y	Spares will be procured through the spares contract	Not applicable	Not applicable	Not applicable	0	Not applicable	0	0	None	None	
5	Was supplier infrastructure establishment considered?	Y	The Employer must ensure that the Contractor is able to provide the Works.	Y	Inability of the contractor to perform the Works.	Poor quality of work	1	Either significant business loss, significant financial loss, or significant fatalities	2	2	None	Previous related experience will form part of tender adjudication.	Contract Manager
6	Does the contract cater for SHE/plans?	Y	The Contractor's employees might get injured when working or moving material	Y	Injury to Contractor's employees while working. Non- compliance to the OHS Act.	Health and Safety of employees	2	Minor Financial loss together with minor injuries	1	2	None	The Contractor must submit his/her SHE policy	Contract Manager
7	Does the contract cater for risk assessments?	Y	The Contractor is exposed to risks at the start of any activity.	Y	Risks of certain tasks to be identified before hand.	Health and Safety of employees	2	Either Minor Financial loss or Minor Injuries	3	6	None	The Contractor to perform a risk assessment before any activity	Contract Manager
8	Has a training program been specified?	N	Not applicable	Not applicable	Not applicable	Not applicable	0	Negligible Impact	0	0	None	None	
10	PSR responsibility	N	Spares Refurbishmnet Contract	Not applicable	Not applicable	Not applicable	0	Negligible Impact	0	0	None	None	
12	Were medical/induction and associated costs considered?	Y	The supplier will only do the induction needed to do deliveries on site.	Y	Injury to Contractor's employees while working. Non- compliance to the OHS Act.	Health and Safety of employees	3	Minor Financial loss together with minor injuries	1	3	None	Induction to be conducted before the safety file is approved for the supplier to enter site and be reviewed on a yearly basis or during incidents	Contract Manager
13	Who will be responsible for access permit/costs?	Y	The Contractor will be responsible since the cost is included on the contract	Y	May cause delays or UCLF due to the contractor not being able to enter site	UCLF and safety	3	Minor Financial loss together with minor injuries	0	0	Temporal gate pass permit	The contract manager and supervisor to ensure that the gate pass application is submitted and issued to the contractor during kick off meeting	Contract Manager
15	Were quality requirements/objectives set in the contract?	Y	Specifications are stipulated in the contract.	Y	Poor quality spares will result in downtime and cause unnecessary UCLF	UCLF or Downtime	2	Minor Financial loss together with minor injuries	3	6	QCP should be in place and signed by Eskom Technical personnel	The Contractor must submit his/her quality policy, implement a quality system and maintain the quality system for the duration of the contract.	Contract Manager
18	What are the licence fees considerations?	N	Not applicable	N	Not applicable	Not applicable	0	Negligible Impact	1	0	None	None	
20	Any risk for contract to be up and running?	Y	The Contract placement must done in specific timeline	Y	Non-delivery pose a risk of downtime	UCLF or plant shutdown	4	Minor Financial loss together with minor injuries	1	4	Once off orders	The contract to be placed in advance	

26	Does the contract pose a threat for downtime or service disruption?	Y	Service contract not in place	Y	None availability of manpower to execute the scope of work per plant area	UCLF or plant shutdown	4	Minor Financial loss together with minor injuries	1	4	Once off orders	The contract to be placed in advance	
27	Were the quality of deliverables specified?	Y	The quality requirements are set out in the contract.	Y	The quality of repairs may affect the operation of the plant and create unnecessary downtime	UCLF	3	Minor Financial loss together with minor injuries	2	6	QCP should be in place and signed by Eskom Technical personnel	The scope of works gives details and specification of the type of material required that the Contractor is expected to use.	Contract Manager
28	Are there any threat of safety with contract deliverables?	Y	Environmental and safety adherence	Y	Environmental and safety contravision	Health and Safety of employess	2	Minor Financial loss together with minor injuries	1	2	None	Contractor SHE spec to be approved before the contractor is granted access onsite	Contract Manager
29	Was the acceptance criteria specified?	Y	Technical Evaluation Criteria	Y	Appointing none qualified supplier to execute the scope	Poor quality of work which will results in UCLF	3	Minor Financial loss together with minor injuries	2	6	Qualification of the employees to be periodically audited	Acceptance criteria to be conducted and approved by the Technical personnel	Contract Manager
37	Does the contract require a change management component?	N	Not applicable	Not applicable	Not applicable	Not applicable	0	Negligible Impact	1	0		None	
43	Was the cost of maintenance considered?	Y	OS report and budget letter was compiled	Y	Over expenditure	Over expenditure	3	Significant business loss together with financial loss or fatalities	2	6	The price list to be negotiated and agreed upon the placement of the contract	Focused expenditure to be created and managed	Contract Manager
47	Were legal requirements captured or referred to?	N	Not applicable	Not applicable	Not applicable	Not applicable	0	Negligible Impact	0	0		None	
48	Could industrial action have an effect on contract execution/steps taken?	Y	Not being able to deliver the repaired spares	Y	Not able to have access onsite in order to deliver the spares	UCLF or plant shutdown	3	Either significant business loss, significant financial loss, or significant fatalities	2	6	Industrial risk assessment and contingency response plans to be submitted with the safety file	Industrial risk assesment and contingency response plans to be submitted with the safety file.	Contract Manager

Contract Risk Assessment Questionnaire / Signatures

I have reviewed the information contained in this Contract Risk Assessment - Questionnaire and agree:

Name	Title	Signature	Date (YYYY/MM/DD)
Given Rikhotso	Boiler Manager		2023/03/18

The signatures above indicate an understanding of the purpose and content of this document by those signing it. By signing this document, they agree to this as the formal Contract Risk Assessment Questionnaire document.