

 Eskom	KENDAL POWER STATION RISK ASSESMENT	Ref
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1. PROJECT

Project / Contract Title	Sulphur common pipeline replacement project
Description of Scope	Design, manufacture, supply, deliver, offloading, install and commission a new Sulphur transfer and auxiliary steam pipelines at Sulphur common plant at Kendal power station.

2. CONTRACT RISK

Are there any anticipated contract risks?	Yes
What percentage of the contract value should be allowed for risk on this contract?	5%
% Risk to contract	5%

3. RISKS IDENTIFIED

Item	Detailed Description	High / Low Risk	Impact	Probability
Resources constraints	Competent qualified personnel required to execute SOW.	Medium	Medium	Low
	Skills shortage: The contractor may not have a Responsible Person or an Authorise Supervisor to take permit and that may result to Project delay.	High	Medium	Low
	Unavailability of the Trainer for RP and AS when is required urgently.	High	High	High
Time	Strong possibility of time being lost during the installation of the auxiliary pipeline because of bad weather *Raining season	Medium	Medium	High
	Contractor failure to secure key skills in time and project delays due to inadequate skills.	Medium	Medium	Medium
Scope increase	Because of the feeding line, there is a high chance of scope creep also because we are going to be developing a drawing for the pipes.	Low	High	Medium
Quality Control	Poor quality monitoring and control will push the finish date. Quality should be carefully co-ordinated offsite and onsite inspections.	Low	Low	Low
Procurement	Delay on Contract Award, which may result to the contractor fail to secure key skills on time.	Medium	Medium	Low
Cost	Labour cost may increase due to scope creep and if there is a need for the projects to finish earlier.	Medium	Medium	Medium
Communication	Poor and or No communication will lead to project over-runs. Risk reporting is very important.	Low	Low	Low
Environmental	Neglect and non-adherence to environment procedure will result in project being stopped.	Low	Low	Low
Health & Safety	Noncompliance to Plant Safety regulations,	Low	Low	Low

	lifesaving rules and Health and safety Specifications requirements			
Training	The sulphur common line is for like to like. So there is no training that is required.	Low	Low	Low

4. STRATEGIES TO MITIGATE THE RISKS

Item	Detailed Description
Resources constraints	Competent qualified personnel required to execute SOW. Technical evaluation process will establish correct skill required. Conclude contract and place order as soon as possible. Organise the PSR course for Contractors in time. Contractor to be authorised as Responsible person (R.P) and training to be booked in advance
Time	On the program, there should be enough and adequate number of days allocated to accommodate the rainy season weather. The order should be placed on time for the contractor to source the key skills associated with the project.
Scope	Three scope clarifications were conducted for this project. Daily technical meeting will be held to address miss/understanding of the scope.
Quality Control	A detailed QCP *SANS 9001:2008 will be drafted by the contractor and accepted by the employer. Offsite and onsite QCP hold points shall be coordinated and adhered to.
Procurement	The money should be available on time for placement of the PR. Correct documents to be loaded on the PR and lastly early allocation of the buyer to mitigate all the risk associated with buying.
Cost	The program will be well managed to avoid scope/cost creep. Should there be cost over runs a risk to the contract will be utilized
Communication	All communication to be in writing, recorded and filed as per project execution procedure. Regular meetings with contractor will be held once the contract is awarded.
Environmental	Contractor to comply with the following documents: Eskom SHEQ Policy 32-727. Kendal Waste management Procedure *1024102. Kendal Non-Conformance, corrective and presentation action. Soil that will be removed must be filled back and or levelled. Waste must be handled as per waste management procedure. Environmental Incidences must be reported to the Environmental Department within 24hours.
Health & Safety	Eskom and Kendal Health Policy, adhere to the OHS Act 85 of 1993. All staff undergoes safety induction. Contractor must obtain a safety clearance and adhere to permit to work system used at Kendal Power Station before carrying out any work. Life Saving Rules will be enforced and with the contractor liable for non-compliance. PPE usage to be strictly adhered to. Risk assessment will be carried out before commencing any work.
Training	No special training is required on project, except Induction Training that is compulsory to everyone before they work in the plant.

Prepared & Verified by (End User/Project Manager)


Signature

Siphesihle Buthelezi
Name

13/06/2022
Date