

SCOPE OF WORK FOR BMS SITES – PLANT ASSETS MAINTENANCE ACTIVITIES

A. INTRODUCTION

- Eskom Rotek Industries BMS would like to get into a contract with suppliers in the maintenance of asset for different power stations in the Eskom fleet for the period of 2 years. As part of the scope of work, BMS is responsible doing maintenance on the ash, coal and common plants.
- Employees are required for maintaining the Coal, Ash and common plants at BMS site Power Station.
- The services of multidisciplinary maintenance services Artisans, Technicians, and Utilities Employees, who are associated with maintenance services, are required at BMS site Power Stations which are situated at various power stations.
- The duration of the services will be valid as per the date and or the hours indicated on the purchase order.
- The following will be required before services can be rendered after purchase order has been issued to the supplier
 - The submissions of a safety file which will need to be approved by and Eskom Generation SHE officer.
 - Employees to attend Eskom induction. ○ Employees to attend Eskom Rotek Industries Site induction.
 - Employees medical to be verified by the Eskom Generation Medical Station.

B. SCOPE OF WORK

- 1) The Contractor must undertake complete asset maintenance in a manner that enables in service of the respective assets to continuously produce as intended, so as not to constrain any operation of the plant.
- 2) The equipment must be maintained according to the philosophies and recommendations of the equipment manufactures and /or Eskom. The Contractor must ensure compliance to Eskom standards and procedures at all time.
- 3) The Contractor's responsibilities include but not limited:
- 4) Preventative maintenance
- 5) Corrective maintenance
- 6) Planned maintenance

- 7) Emergency breakdown
- 8) Standby duties for call out purposes
- 9) Commissioning activities as and when required
- 10) The Contractor shall perform any other mechanical requirements at no additional costs.
- 11) Mechanical maintenance works includes not limited inspection, refurbishments, removal, replacement and repairs, installations, lubrication and housekeeping on the following equipment:
- 12) All assets, e.g. coal conveyors; Fire and Dust suppression system; spillage control systems; chutes and silos should be maintained accordingly as per the standard of eskom maintenance philosophies.
- 13) Details of equipment
- 14) Fire and dust suppression system: Pipes, Valves, Sprinklers, Spray nozzles 15) Coal and ash Plant Conveyors
- 16) Shuttles
- 17) Hydraulic systems.
- 18) Lubrication and lubrication systems 19) Spillage control systems 20) On conveyor belts:
- 21) Plummer blocks
- 22) Gravity tension units
- 23) Idler frames
- 24) Idlers
- 25) Pulleys
- 26) Gearboxes
- 27) Couplings – fluid, scoop and rigid
- 28) Hold backs
- 29) Conveyor belts
- 30) Hydraulic systems
- 31) Lubrication and lubrication systems
- 32) Fire system: Pipes, Valves, Sprinklers
- 33) Spillage control system
- 34) Conveyor scrapers
- 35) Ploughs
- 36) Impact stations
- 37) Skirting rubbers
- 38) Chutes and silos: liners, floppers, grizzling's
- 39) Gratings, walk ways and hand rails
- 40) Coal structures
- 41) The list is not exhaustive and the specific instruction shall be given by the project manager through task orders in terms of what job cards to be executed.

- 42) The Contractor to ensure after completion of each task, housekeeping is done and removal of waste to designated area
- 43) The Contractor will provide labour and tools for artisans excluding workshop tools and spares which will be provided by the employer. All tools to perform the tasks as per the individual skills to be provided by the contractor.
- 44) Assistance must have his/her own set of tools (including: two of each spanner 17, 19 & 24 and one tommy bar 600mm)
- 45) Assistants must be able to read, write and understand English and must have fire watch training where required.

Activity Schedule

ITEM No.	ITEM DESCRIPTION	ITEM LIST	Maximum Hours allowable per activity
1.	Preventative maintenance	Refer to item B	
2.	Corrective maintenance	Refer to item B	
3.	Planned maintenance	Refer to item B	
4.	Emergency breakdown	Refer to item B	
5.	Standby duties for call out purposes	Refer to item B	
6.	Commissioning activities as and when required	Refer to item B	
7.	The Contractor shall perform housekeeping and any other mechanical requirements at no additional costs.	Refer to item B	

C. FUNCTIONAL SPECIFICATION

- Maintaining and cleaning of the Ash, Dust handling, Coal and common plants at BMS site Power Stations

D. PERFORMANCE SPECIFICATION

- The employees must be in a mental and physical healthy condition to be able to work an average of 9 hours a day for the Maintenance department.
- Working of overtime as per operational requirements when needed.
- Employees must be medically fit.
- Minimum educational requirement is Grade 12.

E. MAINTENANCE SPARES

- Maintenance spares to be provided by the employer

F. EMPLOYEES TRANSPORT

- The contractor shall provide transport for their own employees

G. TECHNICAL SPECIFICATION

- Employees must perform all work according to the safe working procedures.
- Protective PPE to be worn as per procedures.
- The contractor shall provide PPE to their employees as per the specification

H. CONCLUSION

- Requirements in this Scope of Work (SOW) serve as a guideline to the Procurement Department in procuring all services required for the operations of contract. The services will be required for 24/7 operations.

I. Budget Attached

J. Working process

There will be a task order issues on a daily basis for the contractor to perform a minimum of three and a maximum of 6 activities day for the contract.

The contract is a re-measurable contract which means that when assessment is done the contractor presents activities completed and the time it took to complete the activities.

Compiled by: Neil Brealey

Signature:  _____