
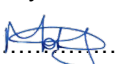
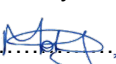
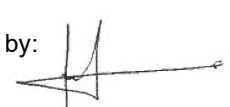





Signed-off Scope Of Work

Title: Tutuka Power Station Compressor Rental		Document type: Signed-off scope of work 
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Accepted by: Sign  Name <u>Mxolisi Ntanzu</u> Date <u>17/09/2021</u> Maintenance Manager	Accepted by: Sign  Name <u>Simo Dlamini</u> Date <u>17/09/2021</u> Service Manager	

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1. PURPOSE

- All diesel and electric compressors at the LP services are defective; the impellers on all 3 stages are worn, the vibration probes are broken, the diffusers are damaged and the casing is corroded. The long term plan is to scrap the diesel compressors and replace them with electric compressors. The compressors are required on the plant to supply compressed control and service air. Currently the station is hiring mobile diesel compressors to compensate for the defective compressors.

2. SCOPE OF WORK

Hire four 1600 CFM mobile diesel compressors for 6 months

Specifications

Hire of 4 x mobile diesel compressors 1600CFM @ 7 bar oil free air

Hire of 4 x air driers 1600CFM 150PSI with connecting hoses to each hired diesel compressor.

Hire of 6 x 30m hoses including manifold and connections on site (Contractor's technician to do all connections and disconnections).

Supply of non-return check valve for each 4x hired mobile diesel compressors to fitted before connecting to the air receivers.

Contractor to do weekly inspections and servicing of the compressors to assure availability and prevent frequent breakdowns.

Any defective compressor must be replaced within 24 hrs at contractors cost.

Transport to and from site for collection and delivery of compressors & driers (Truck to have its own lifter)

NB: Maintenance, service and breakdown costs must be in-cooperated on the order and must be done frequently to ensure no/limited downtime on the machines. Downtimes of the machines will result in Eskom deducting the costs for the duration when the machines where not in-service excluding the 4hr response time. Breakdowns should be attended to within 4 hours of reporting the fault. It is the responsibility of the supplier to ensure that the machines are fully operational and correct maintenance is followed

2.1 Employer's requirements for the service

- All services to be done according to the Eskom procedures and plant safety regulations.
- All spares removed and returned to Tutuka premises must be declared at the main entrance where the removal permit for the spares must be shown to the protective services personnel.
- Transportation of equipment and rigging requirements will arranged by the *Contractor*.
- The *Contractor* will be required to provide a standby personnel to be contacted on a 24hr basis for any defective compressor and must be on site within 4 hrs
- Plant Safety Regulations have to be followed and work will only be done with a permit where applicable. Any contraventions will be strictly dealt with.
- The *Contractor* must clean and remove all debris after completion of the work.
- The Contractor must supply a weekly inspection report on all compressors
- The Contractor must inform the contract manager 1 week in advance for any major services to be done on the compressors.
- The Contractor must ensure that the compressors are available 24hrs
- The Contractor must replace any defective compressor if defect cannot be repaired on Tutuka site within 24hrs.
- The *Contractor* must complete all required inspection cards and corrective work orders.

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- The *Contractor* is to be at the specific working area location as define in the Task Order or by the Contract Supervisor.
- If the need arise to move away from the working area for any reason other than safety it must be under the supervision of the Contract Supervisor.
- Site access shall be granted by Eskom Holdings Tutuka Power Station protective services as request by the *Service Manager*.
- No employees will be transported on an open vehicle. The vehicles must comply with Eskom minimum requirements.
- Eskom Life Saving Rules to be adhere to.