

Annexure C3.2: Scope of Work (including drawings, where applicable)

Supply and installation of standby generator at Vaal Oewer WTW for Emfuleni Section 63

Repair and refurbishment of faulty Vaal Oewer generator alternator. Disconnecting of existing cabling and generator at Vaal Oewer and re-connection and installation of cabling and generator at Pump Station 7 including all material required (Loading, Transport, Offloading and Positioning of Generator Unit on site by means of Crane Truck).

Supply, deliver and install generator with the specification below:

- 250Kva Prime / 265Kva Standby Volvo Generator
- 6 Cyl TAD 734 GE Diesel turbocharged and intercooled engine.
- 3 phase 4 wire Stromer Alternator
- 4 Way protection system included.
- 630 AMP ATS Panel
- HGM 7220 Controller with ATS / AMF Panel
- Build in 670 Lt Diesel Tank
- Sound attenuated canopy
- L x W x H 3400mm x 1400mm x 2150mm

Installation of Equipment on Site include the following:

Transport, Installation, Commissioning, Cabling and Generator Breaker, Full Tank Diesel and Cage of Roof.

Repair and refurbishment of faulty generator alternator

Complete Repair and Refurbishment of Faulty Alternator as replaced on the existing Kirloskar Generator installed at Vaal Oewer.

Supply and delivery of DAF pump with following specifications

Motor power :5.5kw

Motor speed:2900 r.p.m

Suction /delivery size 50mm