

1. **SCHEDULE OF PRICES:**

All prices **exclude Vat** and additional items listed (with prices) shall be clearly labelled as optional or essential.

Item	Qty	Price per item	Price(excl. vat)
Supply and install the following			
Electrical control panel mounted 1.4meters above ground	1		
800amp AC contactors, 220V coils	3		
Main isolator rated 600amps.	1		
Overvoltage monitor 3 phase voltage	1		
Overvoltage monitor SP100	1		
Timer 0-30s – 220V coil	1		
220V contactors, 20amps.	3		
Digital gauges must be supplied and fitted with current transformers to measure up to 800amps.	3		
Fuses , 80KA, 660V HRC	3		
A start, stop button	1		
Emergency Stops	3		
Install SCADA system, controlling the input voltage and current from 0Volts to 1500Volts DC and the excitation voltage from 0 -100Volts DC.	1		
Repair			
Repair 6e1/18e Traction motor Full rewind, VPI, replacement of brushes and bearings. Static and Load Test	1		
Repair 80kw, 380v, 160A motor. Full rewind, VPI, replacement of brushes and bearings. Static and Load Test	1		
Repair 70kw, 230v, 300A generator. Full rewind, VPI, replacement of brushes and bearings. Static and Load Test	1		
Repair 25kw, 380v, 50A booster drive motor. Full rewind, VPI, replacement of brushes and bearings. Static and Load Test	1		
Repair 50kw, 110v DC, 450A booster motor. Full rewind, VPI, replacement of brushes and bearings. Static and Load Test	1		
Repair 2kw, 380v, 4A booster motor-cooling fan. Full rewind, VPI, replacement of brushes and bearings. Test, OR Supply new Equivalent	2		
Repair 380v , 400A autotransformer, re insulate, VPI, Test	1		
Testing, calibration and commissioning			
Test and commission the entire test bench, calibrate the measuring instruments.	1		

Signature of Bidder/s: _____

Date: _____

The electrical contractor shall do the electrical installation, test and issue the COC.	1		
Item	Qty	Price per item	Price(excl. vat)
Close out documentation			
Submit a set of PDF Files in a disk and 3 sets of hard copies of the following: <ul style="list-style-type: none"> • Operating Manual. • Maintenance Manual. • Electrical Schematics. • Mechanical Drawings. • Parts List. 	3 sets and 1 set		
Total (Excl. VAT) to tender form			R


Name: Zolani Mngqithi Designation: Engineering Technician

Signature and date:  26/02/2024

Name: Soojith Ramnund Designation: Engineering Manager

Signature and date:  26/02/2024

Name: Mhlonipheni Nxumalo Designation: Executive Manager

Signature and date:  26/02/2024 +

Signature of Bidder/s: _____

Date: _____