

Acceptance of rates

The rates will be fixed and firm for the first 12 months and thereafter be adjusted for the second and third years in accordance with the SEIFSA indices, Table C3 for labour and table L-5 for transport.

Material will be compensated at Cost plus 10%, Contractors will be required to submit 3 quotations.

| BILL OF STRUCTURES - MINOR RETICULATION | | | | |
|---|--|-----------|------|-------------|
| Labour | | | | |
| Item | Description | Unit | RATE | |
| 1 | Preliminary & General | | | |
| | Overheads for project (This includes paperwork, office overheads, telephone calls etc) | % | | 7% |
| | PPE and site safety including job specific risk assessment.(% of labour cost) | % | | 5% |
| | Construction regulation - Transport of personnel's to site in safe vehicle | km | | R 8.00 |
| | Outage cancellation when on site | e.a | | R 14 096.47 |
| | Penalty for late start or outage not taken | e.a | | R 7 048.22 |
| | | | | |
| | Penalty for late submission of invoices | Weeks | | 1% |
| | Contractors Supplied material | Cost Plus | | 10% |
| | | | | |
| 2 | Transport | | | |
| | <i>Contractors to claim transport for ONLY two (2) trips from their base to site and return when executing work outside their zones. Site establishment to be done prior approval by the Project Manager, furthermore all transport will be paid from the nearest CNC/site camp to site, risk of material management and scheduling stays with the Contractor.</i> | | | |
| | A LDV | km | | R 7.00 |
| | B Truck 5-8 Ton | km | | R 21.35 |
| | C 5 - 8 Ton (with crane) | km | | R 31.49 |
| | D Rock drilling truck | km | | R 42.80 |
| | E 9 - 14 Ton | km | | R 23.47 |
| | | | | |
| 3 | Excavations | | | |
| | Mechanical exc. - soft | ea | | R 412.66 |
| | Hand exc.Soft soil | ea | | R 311.85 |
| ** | - hard (auger) *PC to be informed prior using an Auger | ea | | R 740.55 |
| | - rock drill (PC to be informed prior using a Rock Driller) | ea | | R 1 752.24 |
| ** | Blasting of rocky areas | m3 | | R 2 224.83 |
| | | | | |
| 4 | Plant Poles | | | |
| | Plant & compact 7m concrete & wood | ea | | R 193.86 |
| | Plant & compact 9 to 11m concrete & wood | ea | | R 289.14 |
| | Plant & compact 12 & 13m concrete & wood | ea | | R 333.31 |
| | Plant & compact 14 & 15m concrete & wood | ea | | R 431.39 |
| | Plant & compact 16 & 18m concrete & wood | ea | | R 472.34 |
| | Supply and Erect anti climbing device (set of 3) | Set | | R 141.96 |
| | | | | |
| 5 | Disassemble existing Conductor & Poles | | | |
| | Cost to remove and roll existing conductor onto rolls by contractor: | | | |

| 5.1 | ABC 35 mm2 | | | m | R 13.97 |
|-----------|--|--|--|------|------------|
| 5.2 | ABC 70 mm2 | | | m | R 19.04 |
| 5.3 | MV bare | | | m/ph | R 15.27 |
| 5.4 | Cost to remove pole including backfilling but excluding transport to deliver at stores | | | ea | R 253.95 |
| 5.5 | Cost to remove existing transformer single pole including links but excluding meter box cable, cross arm, pole and transport cost to deliver at stores | | | ea | R 1 130.06 |
| 5.6 | Cost to remove existing transformer double pole including links but excluding meter box cable, cross arm, pole and transport cost to deliver at stores | | | ea | R 1 824.91 |
| 5.7 | 5 Pole structure | | | ea | R 2 676.23 |
| 5.8 | Cross arm | | | ea | R 190.46 |
| 5.9 | Stay | | | ea | R 148.68 |
| 5.10 | Meter box & Cable - Conventional SPU | | | ea | R 322.25 |
| 5.11 | Meter box & Cable - Programmable LPU | | | ea | R 588.18 |
| 5.12 | Remove Mini sub | | | ea | R 4 249.91 |
| | Note: Section D. Hard Rock | | | | |
| | *Authorization by Project Co-ordinator for using of Rock Drilling/Auger to be attached to invoice. | | | | |
| | | | | | |
| | | | | | |
| 6 | Assemble MV Structures | | | | |
| 6.1 | All types | | | e.a | R 293.59 |
| | | | | | |
| 7 | Install & assemble MV Stays complete (Incl backfilling but excluding excavations) | | | | |
| 7.1 | A. 1 Off Conv Anchor | | | e.a | R 480.27 |
| 7.2 | C. 1 Off Flying Stay | | | e.a | R 587.69 |
| 7.3 | E. 1 Off strut pole 9m & 11m excl. excavation | | | e.a | R 398.38 |
| 7.4 | I. 1 Off rock anchor | | | e.a | R 650.11 |
| 7.5 | K. 1 Off comb anchor/strut | | | e.a | R 685.66 |
| | | | | | |
| | | | | | |
| | | | | | |
| Item | Description | | | Unit | |
| 8 | Assemble LV Structures | | | | |
| 8.1 | All types | | | e.a | R 228.97 |
| | | | | | |
| 9 | Install & assemble LV Stays complete (Incl backfilling but excluding excavations) | | | | |
| 9.1 | A. 1 Off Conv Anchor | | | | R 455.79 |
| 9.2 | C. 1 off Flying Stay | | | e.a | R 556.86 |
| 9.3 | E. 1 Off strut pole 7m & 9m | | | e.a | R 407.34 |
| 9.4 | I. 1 Off rock anchor | | | e.a | R 589.28 |
| 9.5 | K. 1 Off comb anchor/strut | | | e.a | R 707.47 |
| | | | | | |
| 10 | Service Boxes | | | | |
| 10.1 | A. 1-4 Way box | | | e.a | R 210.58 |
| 10.2 | B. 5-8 Way box | | | e.a | R 219.42 |
| | | | | | |
| 11 | Stringing including joints and in binding of MV Bare conductor | | | | |
| 11.1 | Stringing of MV Bare (Fox and Mink) conductor per phase | | | m | R 5.13 |
| 11.2 | Stringing of MV bare (Hare) | | | m | R 6.86 |
| 11.3 | 35 mm sq ABC | | | m | R 7.14 |
| 11.4 | 70 mm sq ABC | | | m | R 8.26 |
| | | | | | |

| | | | | | |
|-------------|---|--|--|-------------|-------------|
| 12 | Transformer Installation complete including testing but excluding, links, meter box, cable and LV and MV earthing & trenches | | | | |
| 12.1 | Single Pole | | | e.a | R 3 091.49 |
| 12.2 | 2 Pole | | | e.a | R 4 634.54 |
| 12.3 | 5 Pole | | | e.a | R 10 334.13 |
| | | | | | |
| 13 | Earthing: | | | | |
| | Earthing in soft soil | | | | |
| 13.1 | LV/ MV Earthing complete incl. trenching, backfilling, compaction & earth spikes-500mm deep | | | sum | R 2 475.98 |
| 13.2 | LV/ MV Earthing complete incl. trenching, backfilling, compaction & earth spikes-1000mm deep | | | sum | R 3 826.84 |
| | If additional earthing is required, the following rates will apply after a site instruction has been issued by the PC. | | | | |
| | <i>Includes Trenching & Backfilling</i> | | | | |
| 13.3 | Trenching for earthing 1m deep - Soft | | | m | R 157.55 |
| 13.4 | Trenching for earthing 1m deep - Hard | | | m | R 266.89 |
| 13.5 | Installation of earth spike only - Soft | | | e.a | R 209.27 |
| 13.6 | Installation of earth spike only - Hard | | | e.a | R 304.51 |
| 13.7 | Earthing in Hard rock and additional earthing to be claimed as Compensation Event | | | | |
| | | | | | |
| 14 | Mini Sub installation excluding terminations and LV & MV earthing, but including plinth, excavation and testing complete: | | | | |
| 14.1 | 200kVA, 315kVA & 500kVA | | | ea | R 5 102.46 |
| 14.2 | Earthing according to type 1 electrode of ESKOM specification in hand excavated ground including backfilling | | | ea | R 2 285.53 |
| | | | | | |
| 15 | Trenching using machinery (Compressor) prior to PM approval | | | | |
| 15.1 | Compressor complete/day | | | day | R 2 859.26 |
| 16 | Pole Numbering | | | | |
| 16.1 | Transformer labeling | | | e.a | R 74.79 |
| 16.2 | (Tag, punch, install/paint) LV Pole Number | | | e.a | R 12.69 |
| 16.3 | (Tag, punch,install/paint) | | | e.a | R 12.69 |
| | | | | | |
| | | | | | |
| Item | Description | | | Unit | |
| 17 | Connections | | | | |
| 17.1 | Excavate + Plant Shack Pole 4/5 m (soft soil) | | | ea | R 169.95 |
| 17.2 | Extra over for hard rock | | | ea | R 923.50 |
| 17.3 | Meterbox single phase installation including cable above ground level | | | ea | R 618.51 |
| 17.4 | Meterbox three phase 25 to 100kVA installation including cable above ground level | | | ea | R 746.52 |
| 17.5 | Polyphase meterbox 200kVA installation including cable above ground level | | | ea | R 952.30 |
| 17.6 | Service connection (overhead) | | | ea | R 457.11 |
| 17.7 | Service connection (underground) | | | ea | R 476.16 |
| | | | | | |
| | | | | | |
| 18 | Lay cables including terminations | | | | |
| 18.1 | Cables laid in ground 16 x 2 | | | m | R 3.80 |

| | | | | | |
|-----------|--|--|--|-------|------------|
| 18.2 | Cables laid in ground 25 x 4 | | | m | R 4.59 |
| 18.3 | Cables laid in ground 35 x 4 | | | m | R 4.90 |
| 18.4 | Cables laid in ground 70 x 4 | | | m | R 6.32 |
| 18.5 | Cables laid in ground 120 x 4 | | | m | R 7.84 |
| 18.6 | Cables laid in ground 240 x 4 | | | m | R 15.10 |
| 18.7 | Excavate in soft material for trench (600mm) incl. backfilling | | | m | R 25.57 |
| ** | Hard Rock | | | | |
| ** | Note: Hard rock excavation to be handled as a Compensation Event | | | | |
| | Authorization by Project Co-ordinator | | | | |
| 19 | MV cable termination (11/22kV) mini subs only | | | | |
| 19.1 | Up to 50mm sq | | | e.a | R 697.19 |
| 19.2 | Up to 120mm sq | | | e.a | R 924.08 |
| 19.2 | >120mm sq | | | e.a | R 1 357.92 |
| | | | | | |
| 20 | MV cable joints (11/22kV) mini subs only | | | | |
| 20.1 | Up to 50mm sq | | | e.a | R 1 107.49 |
| 20.2 | Up to 120mm sq | | | e.a | R 1 587.17 |
| 20.3 | >120mm sq | | | e.a | R 2 071.55 |
| | | | | | |
| 21 | Extra work | | | | |
| 21.1 | CT/VT Unit - out of line | | | ea | R 2 170.31 |
| 21.2 | CT/VT Unit - section links | | | ea | R 1 295.60 |
| 21.3 | Replace jumpers | | | ea | R 280.98 |
| 21.4 | Tri-Switch Installation complete on top of structure | | | sum | R 3 174.34 |
| 21.5 | Recloser installation - out of line excluding excavations and pole links | | | sum | R 4 142.92 |
| 21.6 | Link assembly installation requirement on feeder line but excluding transformer links | | | sum | R 1 208.60 |
| 21.7 | Meter unit installation 300 to 500kVA, CT/VT, recloser unit and cable above ground level | | | sum | R 2 357.25 |
| 21.8 | Bonding of Poles | | | ea | R 126.55 |
| 21.9 | Cross arms (2.5 - 4.5) | | | ea | R 150.86 |
| 21.10 | Site establishment (only when instructed/ agreed upon to establish site) | | | sum | R 5 757.32 |
| 21.11 | Giraffe camp | | | sum | R 3 070.88 |
| 21.12 | Bush clearing (Only after approval by the Project Manager) | | | Daily | R 9 000.00 |
| | | | | | |

ACCEPTANCE OF RATES

Company Name:

Representative Name:

Signature:

Rates accepted:
(indicate YES or NO)