

THE ELECTRIFICATION OF EXTENSION 24 kwaza

SCHEDULE OF QUANTITIES

| ITEM | DESCRIPTION | QUAN-TITY | MATERIAL RATE | MATERIAL TOTAL | LABOUR RATE | LABOUR TOTAL | TOTAL |
|-------------------------------------|---|-----------|---------------|----------------|-------------|--------------|------------|
| SCHEDULE C | | | | | | | |
| LOW VOLTAGE 420 VOLT NETWORK | | | | | | | |
| C1 | WOODEN POLES (SABS 754) 9m SABS certified, treated wooden poles min top diameter 160mm, drilled | 21 | R900.0 | R18,900 | R200 | R420 | R19,320.00 |
| C2 | STAYS ON 9m POLES Complete) | | | | | | |
| 2.1 | With one isolator and 350mm base plate | 8 | R400.0 | R3,200 | R50.0 | R400 | R3,600.00 |
| 2.2 | Strut stay pole included | 0 | R1,300.0 | R0 | R200.0 | R0 | R0.00 |
| 2.3 | Flying stay | 0 | | | | | |
| 2.4 | Short stay | 0 | | | | | |
| C3 | POLE AND STAY EXCAVATIONS (Backfilling and compaction-complete) | | | | | | |
| 3.1 | Hand excavated 9m poles 1.5m deep | 21 | | R0 | R80.0 | R1,680 | R1,680.00 |
| 3.2 | Hand excavated normal stays 1.5m deep | 8 | | R0 | R80.0 | R640 | R640.00 |
| 3.3 | Hand excavated strut stays 1.5m deep | 0 | | R0 | R80.0 | R0 | R0.00 |
| 3.4 | Drilled holes 1.5m deep for poles | 0 | R1,000.0 | R0 | R250.0 | R0 | R0.00 |
| 3.4 | Bags of cement | 0 | | | | | |
| C4 | DRESSING OF 9m POLES | | | | | | |
| 4.1 | Strain assembly | 16 | R240.0 | R3,840 | R25.0 | R400 | R4,240.00 |
| 4.2 | Suspension assembly | 19 | R240.0 | R4,560 | R25.0 | R475 | R5,035.00 |
| 4.3 | UV resistant labeling 300mm x 100mm on Runs | 8 | R40.0 | R320 | R10.0 | R80 | R400.00 |
| 4.4 | 12mm Stainless steel bandit strapping | 100% | R700.0 | R700 | R180.0 | R180 | R880.00 |
| 4.5 | Cable ties | 100% | R400.0 | R400 | R140.0 | R140 | R540.00 |
| C5 | LT OVERHEAD BUNDLE CONDUCTOR (According to SABS 1418) | | | | | | |
| 5.1 | 3 x 35mm + 54.6mm bare neutral + 25mm LL | 998 | R45.0 | R44,910 | R6.0 | R5,988 | R50,898.00 |
| 5.2 | 3 x 50mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 5.3 | 3 x 70mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 5.4 | 3 x 25mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |

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| C6 | LT ABC TERMINATIONS The termination and connection of ABC to Transformer L/T/V cubicles | | | | | | |
| 6.1 | 3 x 35mm + 54.6mm bare neutral + 25mm LL | 2 | R160.0 | R320 | R40.0 | R80 | R400.00 |
| 6.2 | 3 x 50mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 6.3 | 3 x 70mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 6.4 | 3 x 25mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 6.5 | End caps (35mm-95mm) complete (Dead ends) | 13 | R20.0 | R260 | R20.0 | R260 | R520.00 |
| C7 | LT OHBC MIDSPAN JOINTS 3 Phase | | | | | | |
| 7.1 | 3 x 35mm + 54.6mm bare neutral + 25mm LL | 1 | R80.0 | R80 | R110.0 | R110 | R190.00 |
| 7.2 | 3 x 50mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 7.3 | 3 x 70mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| 7.4 | 3 x 95mm + 54.6mm bare neutral + 25mm LL | 0 | | | | | |
| C8 | LT PIERCE CONNECTORS ON OHBC 3 Phase | | | | | | |
| 8.1 | 95mm to 70mm T-off | | | | | | |
| 8.2 | 70mm to 70mm T-off | | | | | | |
| 8.3 | 70mm to 50mm T-off | 0 | | | | | |
| 8.4 | 50mm to 50mm T-off | 0 | | | | | |
| 8.5 | 50mm to 35mm T-off | 0 | | | | | |
| 8.6 | 35mm to 35mm T-off | 6 | R40.0 | R240 | R30.0 | R180 | R420.00 |
| 8.7 | Supply to LT cubicles - Phase + neutral + earth | | | | | | |
| 8.7.1 | 95mm to 16mm Cu to supply consumer LT enclosure | 0 | | | | | |
| 8.7.2 | 70mm to 16mm Cu to supply consumer LT enclosure | 0 | | | | | |
| 8.7.3 | 50mm to 16mm Cu to supply consumer LT enclosure | 0 | | | | | |
| 10.5 | COC for each pole mounted kiosks | 26 | R0.0 | R0 | R100.0 | R2,600 | R2,600.00 |
| 8.7.4 | 35mm to 16mm Cu to supply consumer LT enclosure | 0 | R30.0 | R0 | R15.0 | R0 | R0.00 |

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| C9 | 3CR12 POLE MOUNTED KIOSKS Equipped with 60Amp, 5kA curve 1 circuit breaker per consumer, with cover plate, pad lockable, labeled with stand numbers - single UV -protected phase incoming conductors 16mm with sealing glands and 2m tail - neutral bar, earth stud, neutral and earth connected via 16mm Cu conductor | | | | | | |
| 9.1 | 6-Way | 0 | | | | | |
| 9.2 | 4-Way | 23 | R950.0 | R21,850 | R50.0 | R1,150 | R23,000.00 |
| 9.3 | 3-Way | 0 | | | | | |
| 9.4 | 2-Way | 2 | R950.0 | R1,900 | R50.0 | R100 | R2,000.00 |
| C10 | EARTHINGS OF LT NETWORK Neutral of transformer earthed at first LT pole + each T-off + end of each run. | | | | | | |
| 10.1 | 35mm Stay wire | 160 | R4.5 | R720 | R11 | R176 | R896.00 |
| 10.2 | 1.8m Earth rods, driven into ground | 12 | R70.0 | R840 | R6.0 | R72 | R912.00 |
| 10.3 | Terminations of 35mm stay wire | 8 | R10.0 | R80 | R11 | R8 | R88.40 |
| 10.4 | galvanized kick pipe 25mm, 7m | 0 | R150.0 | R0 | R12.0 | R0 | R0.00 |
| 10.5 | bandit straps etc. | 100% | R350.0 | R350 | R100.0 | R100 | R450.00 |
| SCHEDULE C SUB TOTAL | | | | | | | R118,709.40 |

| SCHEDULE SUMMARY | | TOTAL |
|--|--|--------------------|
| SCHEDULE C - LOW VOLTAGE NETWORK | | R118,709.40 |
| SCHEDULE F CONTINGENCIES <i>An amount only to be spent on instruction of the client in writing when necessary</i> | | R10,000.00 |
| SUB TOTAL | | R128,709.40 |
| VAT 14% | | R18,019.32 |
| TOTAL - VAT INCLUDED | | R146,728.72 |