

The Provision of services for S1 Low Voltage (LV) breakdown, planned maintenance and replace function in the FSOU.

Item	Draw	Site Establishment	Unit	Qty	Labour	Total
No	No	Each line to be tendered separate.			Price	Rates
A		Items tendered for shall be audited on site				
A1		Site Establishment				
		CONTRACTOR ESTABLISH A SITE - AS PER SPECIFIED DETAILS FOR , HEALTH, SAFETY, ENVIRONMENTAL AND SITE ESTABLISHMENT COMPLIANCE IN THE NEC 10 % of Labour and transport. Includes Clearing of Site and removal of Site Offices and Stores (all rubble and waste must be removed). The Site must be returned to it's original condition as close as possible	%			
B		Health & Safety (OHS Act, Construction Regulations and Eskom Safety Specifications)				
B1		CONTRACTOR SHOULD MAINTAIN ALL HEALTH AND SAFETY MEASURES AS REQUIRED BY THE OHS Act No 85 OF 1993 AND REGULATIONS - AS PER SPECIFIED DETAILS FOR , HEALTH, SAFETY AND ENVIRONMENTAL COMPLIANCE IN THE NEC 5% of Labour	%			
C		Material Supply and Compensation				
C1		COMPENSATION DUE TO ESKOM NEGLIGENCE (OUTAGE NOT GIVEN WITHOUT NOTICE AT LEAST 5 WORKING DAYS PRIOR TO OUTAGE DAY)/RAIN PER DAY (IN TERMS OF RAIN ESKOM WILL ONLY PAY AFTER THE 10TH DAY OF NON-PRODUCTION. CONTRACTOR HAS TO PROVE THAT NO WORK COULD BE DONE) (PROVIDE SUPPORTING DOCUMENTATION)	Sum		Actual Site personnel labour costs: Item V	
C2		COMPENSATION DUE TO ESKOM NEGLIGENCE ACCESS GIVEN LATE (PROVIDE SUPPORTING DOCUMENTATION)	Sum		Actual Site personnel labour costs: Item V	
C3		COMPENSATION DUE TO CONTRACTORS NEGLIGENCE (OUTAGE NOT TAKEN WITHOUT NOTICE AT LEAST 5 WORKING DAYS PRIOR TO OUTAGE DAY) (PROVIDE SUPPORTING DOCUMENTATION)	Sum		Actual Site personnel labour costs: Item V	
C4		COMPENSATION DUE TO CONTRACTORS NEGLIGENCE OUTAGE TAKEN LATE OR RETURNED LATE (PROVIDE SUPPORTING DOCUMENTATION)	Sum		Actual Site personnel labour costs: Item V	
C5		SUPPLY OF MATERIAL AS PER SITE INSTRUCTION (REASONABLE MARKET COST + 10% HANDLING FEE) ANY CLAIM FOR MATERIAL MUST BE SUPPORTED WITH THE ORIGINAL INVOICE (OR A CERTIFIED COPY) FROM THE SUPPLIER AND A COPY OF THE SIGNED SITE INSTRUCTION FROM ESKOM	Sum		Cost plus 10% handling	
C6		COMPLETION & SUBMISSION OF EXPANDED PUBLIC WORKS REPORT	EA			
D		Site Personnel				
D1		Provide regionally FULL AUTHORISED person to do switching and supervision	/H			
D2		Provide regionally RESPONSIBLE PERSON person to do switching and supervision	/H			
D3		Provide regionally LV AUTHORISED person to do switching and supervision	/H			
D4		SUPERVISORY LABOUR FOR PRE INSPECTION (TO BE PAID ONLY WHEN COMPLETE DETAIL PLAN/PROGRAMME IS SUBMITTED WITH THE INVOICE)	/H			
D5		LABOUR – SUPERVISOR - OVERTIME	/H			
D6		DRIVER- 9000KG – OVERTIME	/H			
D7		GENERAL WORKER – OVERTIME	/H			
D8		CALL-OUT FEE - AFTER HOURS	/Team			
D9		CALL-OUT FEE - OFFICE HOURS	/Team			
Item	Draw	LV Structures	Unit	Qty	Labour	Total
No	No	Complete assembling and installation of structure as per the drawing			Price	Rates
G		LV Structures (WTA)				
G1	1100	3Phase-4wire (ABC 35,70mm) (Suspension 0°-30°)	ea			R -
G2	1120	3 Phase-4wire (ABC 35,70mm) (Terminal)	ea			R -
G3	1121	3Phase-4wire (ABC 35,70mm) (Strain 0°-60°)	ea			R -
G4	1122	3 Phase-4wire (ABC 35,70mm) (Strain 60°-90°)	ea			R -
G5	1140	3Phase-4wire (ABC 35,70mm) (T-off from Int)	ea			R -
G6	1141	3 Phase-4wire (ABC 35,70mm) (Cross Int-Int)	ea			R -
G7	1142	3 Phase-4wire (ABC 35,70mm) (T-off from Strn)	ea			R -
G8	1143	3 Phase-4wire (ABC 35,70mm) (Cross Int-strain)	ea			R -
G9	1145	Dual Phase-3wire (ABC 35,70mm) (Suspension 0°-30°)	ea			R -
G10	1146	Dual Phase-3wire (ABC 35,70mm) (Terminal)	ea			R -
G11	1147	DualPhase-3wire (ABC 35,70mm) (Strain 0°-60°)	ea			R -
G12	1148	Dual Phase-3wire (ABC 35,70mm) (Strain 60°-90°)	ea			R -
G13	1149	DualPhase-3wire (ABC 35,70mm) (T-off from Int)	ea			R -
G14	1151	Dual Phase-3wire (ABC 35,70mm) (T-off from strain)	ea			R -
G15	1150	Dual Phase-3wire (ABC 35,70mm) (Cross Int-Int)	ea			R -
G16	1152	Dual Phase-3wire (ABC 35,70mm) (Cross Int-strain)	ea			R -
G17	1153	1Phase-2Wire (ABC 35,70mm) (Susp 0-30)	ea			R -
G18	1154	1Phase-2Wire (ABC 35,70mm) (Terminal)	ea			R -
G19	1155	1Phase-2Wire (ABC 35,70mm) (Strain 0°-60°)	ea			R -
G20	1156	1Phase-2Wire (ABC 35,70mm) (Strain 60°-90°)	ea			R -
G21	1157	1Phase-2Wire (ABC 35,70mm) (T-off from Int)	ea			R -
G22	1159	1Phase-2Wire (ABC 35,70mm) (T-off from Strn)	ea			R -
G23	1158	1Phase-2Wire (ABC 35,70mm) (Cross Int-Int)	ea			R -
G24	1160	1Phase-2Wire (ABC 35,70mm) (Cross Int-Strt)	ea			R -
G25	*0927	T-off from Strain	ea			R -
G26	*0925	T-off from Intermediate	ea			R -
Item	Draw	LV Pole Top Boxes	Unit	Qty	Labour	Total
No	No	Complete assembling and installation of Pole top box, all fixing material included.			Price	Rates
H	3055	LV Pole Top Box (WKW)				
H1	3055	Pole Top Box 1-2 way, 1 x 50 Amp MCB	ea			R -
H2	3055	Pole Top Box 1-4 way, 1 x 50 Amp MCB	ea			R -
H3	3055	Pole Top Box 5-8 way, 2 x 50 Amp MCB	ea			R -

H4	3055	Pole Top Box Split Metering, 2 way, 20Amp, 1 x 50 Amp MCB, INSTALLATION OF PADLOCKS (SAP no *0187164)	ea			R	-
H5	3055	Pole Top Box Split Metering, 4 way, 20Amp, 1 x 50 Amp MCB INSTALLATION OF PADLOCKS, (SAP no *0187164)	ea			R	-
H6	3055	Pole Top Box Split Metering, 8 way, 20Amp, 2 x 50 Amp MCB, INSTALLATION OF PADLOCKS, (SAP no *0187164)	ea			R	-
H7		Installation and wiring of day night switch on pole top box	ea			R	-
H8	3055	Pole Top Box Split Metering, 8 way, 60Amp, 2 x 120 Amp MCB, INSTALLATION OF PADLOCKS, (SAP no *0187164)	ea			R	-
H9	3034	MCB 400V, 5kA	ea			R	-
H10	3083	MCB 230V, 5kA	ea			R	-
H11	3187	Splitter Box .pole-mounted, 3-way	ea			R	-
H12		Phase Re-balancing (re-balanceLV feeders per pole box)	ea			R	-
MENT STAGE 2 :							
Item No	Draw No	Installation PRE PAID METERS, Base & Attachment Hardware	Unit	Qty	Labour	Total	
		Complete installation of the meters, base, hardware attachments, all fixing materials (attachments to kickerpoles) included, metal gland to be used, drip loop attached to house. (Item re-measurable)			Price	Rates	
I		LV S1 Services Overhead Connections(AKA)					
11	3145 0360	Installation of 20A ECU with base Attachment of service connection direct to house	ea			R	-
12	0366	Attachment to kicker pole, (suspension assembly.)	ea			R	-
13	0384	Attachment of overhead service cable to a kicker pole (strain assembly) This is for road crossings.				R	-
14	0368	Splitter Box / ECU with base	ea			R	-
15	3145 0360	Installation of 60A ED with base and issuing of complete COC Attachment of service connection direct to house	ea			R	-
16	0368	Splitter Box / ED with base	ea			R	-
17	3176	Installation of Ready Board Base Unit Only	ea			R	-
18		LV S1 Services Underground Connections(AKA)				R	-
19	3145	Installation of 20A ECU with base	ea			R	-
110	3145	Installation of 60A ED with base and issuing of complete COC	ea			R	-
I11	Eskom distribution standards parts 8 & 22	Underground connection to house (EXCLUDING TRENCHING, TO BE PRICED UNDER 2.19). All attaching materials to be included, Bandit strapping, 500mm apart at the LV pole and 25mm galvanised saddles at the house. The following PVC pipe quantities are required for the protection of the aridic against the pole and house as described above and must be priced seperately.	ea			R	-
I12	8018	3 m x 50mm PVC UV stable white pipe, bandit strapping, 500 mm apart included. Max two airdac's per pipe	m			R	-
I13	8018	2m x 25 mm PVC, UV stable conduite at the house. 25mm galvanised saddles included	m			R	-
MENT STAGE 2 :							
Item No	Draw No	Installation SPLIT METERS, CIU, Base & Attachment Hardware	Unit	Qty	Labour	Total	
		Complete installation of the split metering in the pole box, the CIU, ready bords, hardware attachments, all fixing materials (attachments to kickerpoles) included, metal gland to be used, drip loop attached to house. (Item re-measurable)			Price	Rates	
J	D-DT 0360	LV S1 Services Overhead Connections (SPLIT METERING)					
J1	SAP 0229831 (Ready bord), SAP no: 0257001 (Split meter)	Installation of 20A split meter ready bord and CIU (SAP no: 0229831) and the split meter (SAP no: 0257001) in the pole box. Attachment of service connection direct to house or kicker pole included.	ea.			R	-
J2	0366	Attachment to kicker pole, (suspension assembly.)	ea.			R	-
J3	0384	Attachment of overhead service cable to a kicker pole (strain assembly) This is for road crossings.				R	-
J4	0368	Splitter Box / ECU with base	ea.			R	-
J5	3145 0360	Installation of 60A split meter and CIU and issuing of complete COC Attachment of service connection direct to house	ea.			R	-
J6	0368	Splitter Box / ED with base	ea.			R	-
J7	3176	Installation of Ready Board Base Unit Only	ea.			R	-
K		LV S1 Services Underground Connections (SPLIT METERING)					
K1	SAP no 230516 & SAP 229831 0360	Installation of 20A split meter, ready bord and CIU Attachment of service connection direct to house	ea.			R	-
K2	SAP no 230517 D-DT 0360	Installation of 60A split meter and CIU and issuing of complete COC Attachment of service connection direct to house	ea.			R	-
K3	Eskom distribution standards parts 8 & 22	Underground connection to house (EXCLUDING TRENCHING, TO BE PRICED UNDER 2.19). All attaching materials to be included, Bandit strapping, 500mm apart at the LV pole and 25mm galvanised saddles at the house. The following PVC pipe quantities are required for the protection of the airdac against the pole and house as described above and must be priced seperately.	ea.			R	-
K4	8018	3 m x 50mm PVC UV stable white pipe, bandit strapping, 500 mm apart included. Max two airdac's per pipe	m			R	-
K5	8018	2m x 25 mm PVC, UV stable conduit at the house. 25mm galvanised saddles included	m			R	-
MENT STAGE 2 :							
Item No	Draw No	PEGGING AND EXCAVATIONS: Pegging of all poles including stay's and strut's. Excavation of pole holes, including strut pole and stay holes. A rate to be supplied for different soil types e.g. compressor and drill holes. Holes other than normal soil to be counted and confirmed by the COW. If not confirmed and signed of by the COW only "normal soil" rates will be paid.	Unit	Qty	Labour	Total	
					Price	Rates	
M		HOLES					
		POLE HOLES, NORMA,L (TYPE 1 to 4 SOIL)					
M1	0048	18m Pole, 2,4m deep	ea.			R	-
M2	0049	16m Pole, 2,2m deep	ea.			R	-

M3	0057	15m Pole, 2,2m deep	ea.			R	-
M4	0054	14m Pole, 2,2m deep	ea.			R	-
M5	0056	13m Pole, 2,2m deep	ea.			R	-
M6	0053	12m Pole, 2m deep	ea.			R	-
M7	0051	11m Pole, 1,8m deep	ea.			R	-
M8	0052	10m Pole, 1,8m deep	ea.			R	-
M9	0055	9m Pole, 1,5m deep	ea.			R	-
M10	0065	8m Pole, 1,5m deep	ea.			R	-
M11	0050	7m Pole, 1,3m deep	ea.			R	-
M12	0050	7m Pole, 1,8m deep (kicker pole)	ea.			R	-
M13	0058	5m Pole, 1,5m deep (kicker pole)	ea.			R	-
N		POLE HOLES, ROCK, (COMPRESSOR)					
N1	0048	18m Pole, 2,4m deep	ea.			R	-
N2	0049	16m Pole, 2,2m deep	ea.			R	-
N3	0057	15m Pole, 2,2m deep	ea.			R	-
N4	0054	14m Pole, 2,2m deep	ea.			R	-
N5	0056	13m Pole, 2,2m deep	ea.			R	-
N6	0053	12m Pole, 2m deep	ea.			R	-
N7	0051	11m Pole, 1,8m deep	ea.			R	-
N8	0052	10m Pole, 1,8m deep	ea.			R	-
N9	0055	9m Pole, 1,5m deep	ea.			R	-
N10	0065	8m Pole, 1,5m deep	ea.			R	-
N11	0050	7m Pole, 1,3m deep	ea.			R	-
N12	0050	7m Pole, 1,8m deep (kicker pole)	ea.			R	-
N13	0058	5m Pole, 1,5m deep (kicker pole)	ea.			R	-
O		POLE HOLES, ROCK, (DRILL)					
O1	0048	18m Pole, 2,4m deep (ea.			R	-
O2	0049	16m Pole, 2,2m deep	ea.			R	-
O3	0057	15m Pole, 2,2m deep	ea.			R	-
O4	0054	14m Pole, 2,2m deep	ea.			R	-
O5	0056	13m Pole, 2,2m deep	ea.			R	-
O6	0053	12m Pole, 2m deep	ea.			R	-
O7	0051	11m Pole, 1,8m deep	ea.			R	-
O8	0052	10m Pole, 1,8m deep	ea.			R	-
O9	0055	9m Pole, 1,5m deep	ea.			R	-
O10	0065	8m Pole, 1,5m deep	ea.			R	-
O11	0050	7m Pole, 1,3m deep	ea.			R	-
O12	0050	7m Pole, 1,8m deep (kicker pole)	ea.			R	-
O13	0058	5m Pole, 1,5m deep (kicker pole)	ea.			R	-
P		STRUT POLES HOLES (TYPE 1 to 4 SOIL)					
P1	0056,3172	13m Pole	ea.			R	-
P2	0053, 3172	12m Pole	ea.			R	-
P3	0051, 3172	11m Pole	ea.			R	-
P4	0052, 3172	10m Pole	ea.			R	-
P5	0055, 3172	9m Pole	ea.			R	-
P6	0050, 3172	7m Pole	ea.			R	-
Q		STRUT POLES HOLES ROCK (COMPRESSOR)					
Q1	0056,3172	13m Pole	ea.			R	-
Q2	0053, 3172	12m Pole	ea.			R	-
Q3	0051, 3172	11m Pole	ea.			R	-
Q4	0052, 3172	10m Pole	ea.			R	-
Q1	0055, 3172	9m Pole	ea.			R	-
Q2	0050, 3172	7m Pole	ea.			R	-
R		STRUT POLES HOLES ROCK (DRILL)					
R 1	0056,3172	13m Pole	ea.			R	-
R 1	0053, 3172	12m Pole	ea.			R	-
R 1	0051, 3172	11m Pole	ea.			R	-
R 1	0052, 3172	10m Pole	ea.			R	-
R 1	0055, 3172	9m Pole	ea.			R	-
R 1	0050, 3172	7m Pole	ea.			R	-
S		MV & LV STAY HOLES (TYPE 1 to 4 SOIL)					
S1	0341, 0350	MV STAY HOLE	ea.			R	-
S2	0341, 0350	LV STAY HOLE	ea.			R	-
T		MV & LV STAY HOLES (COMPRESSOR)					
T1	0341, 0350	MV STAY HOLE	ea.			R	-
T2	0341, 0350	LV STAY HOLE	ea.			R	-
T3	0344	HIP Stay	ea.			R	-
T4	0357	LV/MV-ROCK ANCHOR HOLE	ea.			R	-
U		MV & LV STAY HOLES (DRILL)					

U1	0341, 0350	MV STAY HOLE	ea.			R	-
U2	0341, 0350	LV STAY HOLE	ea.			R	-
U3	0357	LV/MV-ROCK ANCHOR HOLE	ea.			R	-
U4	0344	HIP Stay	ea.			R	-
U5	0172393	Relabelling of existing MV/LV poles	ea.			R	-
MENT STAGE 2 :							
Item	Draw	PLANTING OF POLES, STAY'S AND STRUTS Handling, planting (poles by crane), labelling and backfilling, compaction of poles(complete) INCLUDING the handling, installation, compaction and re- tensioning of Anchors and STRUTS	Unit	Qty	Labour	Total	
No	No				Price	Rates	
V		Poles (WT1)					
V1	0048	18m Pole Handling and installation	ea.			R	-
V2	0049	16m Pole Handling and installation	ea.			R	-
V3	0057	15m Pole Handling and installation	ea.			R	-
V4	0054	14m Pole Handling and installation	ea.			R	-
V5	0056	13m Pole Handling and installation	ea.			R	-
V6	0053	12m Pole Handling and installation	ea.			R	-
V7	0051	11m Pole Handling and installation	ea.			R	-
V8	0052	10m Pole Handling and installation	ea.			R	-
V9	0055	9m Pole Handling and installation	ea.			R	-
V10	0065	8m Pole, 1,5m deep	ea.			R	-
V11	0050	7m Pole Handling and installation (1,3m deep)	ea.			R	-
V12	0050	7m Pole Handling and installation, (1,8m deep, kicker pole)	ea.			R	-
V13	0058	5m Pole Handling and installation (1,5m deep, kicker pole)	ea.			R	-
Y	0342	LV Strut (Flat)					
Y1		9m Pole Handling and installation	ea.			R	-
Y2		7m Pole Handling and installation	ea.			R	-
Z	0343	MV/LV Flying Stay					
Z1		12m Pole Handling and installation	ea.			R	-
Z2		11m Pole Handling and installation	ea.			R	-
Z3		10m Pole Handling and installation	ea.			R	-
Z4		9m Pole Handling and installation	ea.			R	-
Z5		7m Pole Handling and installation	ea.			R	-
AB	0341	LV Conventional Stay					
AB1	0357	LV-ROCK ANCHOR	ea.			R	-
AC1	0344	MV/LV Bracket Hip Stay (Short Stay Bracket D-DT 3106)	ea.			R	-
Item	Draw	PLANTING OF POLES, STAY'S AND STRUTS Handling, planting (poles by hand), labelling and backfilling, compaction of poles(complete) INCLUDING the handling, installation, compaction and re- tensioning of Anchors and STRUTS	Unit	Qty	Labour	Total	
No	No				Price	Rates	
AD		Poles (WT1)					
AD1	0048	18m Pole Handling and installation	ea.			R	-
AD2	0049	16m Pole Handling and installation	ea.			R	-
AD3	0057	15m Pole Handling and installation	ea.			R	-
AD4	0054	14m Pole Handling and installation	ea.			R	-
AD5	0056	13m Pole Handling and installation	ea.			R	-
AD6	0053	12m Pole Handling and installation	ea.			R	-
AD7	0051	11m Pole Handling and installation	ea.			R	-
AD8	0052	10m Pole Handling and installation	ea.			R	-
AD9	0055	9m Pole Handling and installation	ea.			R	-
AD10	0065	8m Pole, 1,5m deep	ea.			R	-
AD11	0050	7m Pole Handling and installation (1,3m deep)	ea.			R	-
AD12	0050	7m Pole Handling and installation, (1,8m deep, kicker pole)	ea.			R	-
AD13	0058	5m Pole Handling and installation (1,5m deep, kicker pole)	ea.			R	-
AF	0342	LV Strut (Flat)					
AF1		9m Pole Handling and installation	ea.			R	-
AF2		7m Pole Handling and installation	ea.			R	-
AG	0343	MV/LV Flying Stay					
AG1		12m Pole Handling and installation	ea.			R	-
AG2		11m Pole Handling and installation	ea.			R	-
AG3		10m Pole Handling and installation	ea.			R	-
AG4		9m Pole Handling and installation	ea.			R	-
AG5		7m Pole Handling and installation	ea.			R	-
MENT STAGE 2 :							
Item	Draw	Complete installation of LPU/SPU METERING kiosks according to the relevant drawings.	Unit	Qty	Labour	Total	

No	No				Price	Rates
AH		RURAL METERING				
AH1	0338	Rural Metering 16kVA Pole Mounted	ea.			R -
AH2	0338	Rural Metering 25kVA Pole Mounted	ea.			R -
AH3	0338	Rural Metering 32kVA Pole Mounted	ea.			R -
AH4	0338	Rural Metering 50kVA Pole Mounted	ea.			R -
AH5	0338	Rural Metering 64kVA Pole Mounted	ea.			R -
AH6	0338	Rural Metering 100kVA Pole Mounted	ea.			R -
AH7	0338	Rural Metering 128kVA Pole Mounted	ea.			R -
AH8	0338	Rural Metering 200kVA Pole Mounted	ea.			R -
AH9	0338	Rural Metering 315kVA Pole Mounted	ea.			R -
AH10	0338	Rural Metering 500kVA Pole Mounted	ea.			R -
AH11	0338	Rural Metering 16kVA Ground Mounted	ea.			R -
AH12	0338	Rural Metering 25kVA Ground Mounted	ea.			R -
AH13	0338	Rural Metering 32kVA Ground Mounted	ea.			R -
AH14	0338	Rural Metering 50kVA Ground Mounted	ea.			R -
AH15	0338	Rural Metering 64kVA Ground Mounted	ea.			R -
AH16	0338	Rural Metering 100kVA Ground Mounted	ea.			R -
AH17	0338	Rural Metering 128kVA Ground Mounted	ea.			R -
AH18	0338	Rural Metering 200kVA Ground Mounted	ea.			R -
AH19	0338	Rural Metering 315kVA Ground Mounted	ea.			R -
AH20	0338	Rural Metering 500kVA Ground Mounted	ea.			R -
AH21	0338	Metering Bulk	ea.			R -
Item No	Draw No	LV Conductor & Joints	Unit	Qty	Labour	Total
		Stringing of LV ABC conductors and or overhead services conductors or laying of LV cables.			Price	Rates
AK		LV Conductor & Joints (KK)				
AK1	3128 / 0854	16mm² 2-core PVC Copper, 3-phase LV	m			R -
AK2	3128 / 0854	16mm² 4-core PVC Copper, 3-phase LV	m			R -
AK3	3128 / 0854	25mm² 4-core PVC Copper, 3-phase LV	m			R -
AK4	3128 / 0854	70mm² 4-core PVC Copper, 3-phase LV	m			R -
AK5	3128 / 0854	95mm² 4-core PVC Copper, 3-phase LV	m			R -
AK6	3141	95mm², LV ABC	m			R -
AK8	3141	35mm², LV ABC	m			R -
AK9	3089	ABC full tension joints (set)	ea.			R -
AK10	8014	Cable joints (complete set)	ea.			R -
Item No	Draw. No	Stringing / laying of overhead/ underground airdac as per scope of works	Unit	Qty	Labour	Total
		LV Concentric Cable (KK)			Price	Rates
AL		LV Concentric Cable (KK)				
AL1	3140	Concentric Cable - 10mm² Cu	m			R -
AL2	3140	Concentric Cable - 10mm² Cu with comms	m			R -
AL3	632881	CABLE,ELECT:230 V ;XLPE ;2C ;6 MM2 D3140	m			R -
AL4	3140	Concentric Cable - 4mm² Cu	m			R -
AL5	3140	Concentric Cable - 4mm² Cu with comms	m			R -
Item No	Draw	Cable Trenching and Joints	Unit	Qty	Labour	Total
No	No	Complete cable terminations, cable joints, trenching, cable markers and compacting bedding and trench etc. Cable routes to be indicated on the "as built" (Item re-measurable) ■ All cables will be tested in accordance to the following Technical Instruction: 04TI-20 REVISION 0			Price	Rates
AM	0854	Cable Trench				
	0854	Cable Trench (RE-measurable)				
	0854	Cable Trench (LV Cables / 10mm AIRDAC cable)				
AM1	0854	Excavate Cable Trench (Machine) -D-DT-0854s1	m			R -
AM2	0854	Excavate Cable Trench (Hand) -D-DT-0854s1	m			R -
	0854	Excavation by hand and/or by back actor (Trench: 450mm wide x 750mm deep)				
AM3	306130	Soft pickable soil (64%)	m³			R -
AM4	306170	Soft rock (mechanical wedging) (35%)	m³			R -
AM5	306180	Hard rock (blasting) (1%)	m³			R -
AM6	306180	Excavate Cable Trench (Explosives) -D-DT-0854s1	m³			R -
AM7	306186	Supply and install imported bedding sifted soil -D-DT-0854s1	m³			R -
	306186	Supply and installation of 150mm layer of loam bedding (compacted) at the bottom of the trench, and 250mm (blanket soil) loam covering around cable after cable has been laid (compacted by hand). Excavated material, if suitable, can be used, provided that it is sifted as per SANS 10198				
AM8	306185	Backfill bedding soil/Compact Trench (bedding 450 x 150mm)	m³			R -
AM9	306185	Backfill blanket soil /Compact by hand (bedding 450 x 250mm)	m³			R -
AM10	306185	Backfill of excavated soil if suitable according to SANS 10198	m³			R -
AM11	306186	Backfill with imported material (supply and install), should excavated material not be suitable, into trench and compact, including the supply and transport of imported material	m³			R -
AM12	306188	Install warning tape -D-DT-8013	m			R -
AM13	306184	Remove Cable Trench Soil (Surplus), when applicable	m³			R -
AM14	DT8018 (*0163519)	160mm Sleeve for MV & Primary LV crossings (6m long sleeves)	ea.			R -

AM15	DT8018	110mm Sleeve for Secondary LV crossings (6m long sleeves)	ea.			R	-
AM16	DT8018 ('0163518)	110mm Sleeve for service connections crossings (6m long sleeves)	ea.			R	-
AM17	L007030	Excavate road crossing	m ³			R	-
AM18	0306200	Back fill & Compact road crossing	m ³			R	-
AM19	306145	Excavate a Joint Bay for MV cable	m ³			R	-
AM20	7010	Compact Bedding Soil	m ³			R	-
AM21	7010	Compact Blanket Soil	m ³			R	-
AM22	7010	Backfill a Joint Bay	m ³			R	-
AM23	33700	Dig trial holes to expose existing cables and other underground services.	each			R	-
	0854	Cable Trench (MV Cables) (RE-measurable)					
	306170	Excavate Cable Trench (Hand) -D-DT-0854s1, Excavation by hand and/or by back actor (Trench: 450mm wide x 1150mm deep)					
AM24	306130	Soft pickable soil (64%)	m ³			R	-
AM25	306170	Soft rock (mechanical wedging) (35%)	m ³			R	-
AM26	306180	Hard rock (blasting) (1%)	m ³				
AM27	0306170	Excavate Cable Trench (Machine) -D-DT-0854s1				R	-
AM28	306180	Excavate Cable Trench (Explosives) -D-DT-0854s1	m			R	-
AM29	306186	Supply and install imported bedding sifted soil -D-DT-0854s1	m ³			R	-
	306186	Supply and installation of 150mm layer of loam bedding (compacted) at the bottom of the trench, and 250mm loam covering around cable after cable has been laid (compacted by hand). Excavated material, if suitable, can be used, provided that it is sifted as per SANS 10198					
AM30	306185	Backfill bedding soil/Compact Trench (bedding 450 x 150mm)	m ³			R	-
AM31	306185	Backfill blanket soil /Compact by hand (bedding 450 x 250mm)	m ³			R	-
AM32	306185	Backfill of excavated soil if suitable according to SANS 10198	m ³			R	-
AM33	306186	Backfill with imported material (supply and install), should excavated material not be suitable, into trench and compact, including the supply and transport of imported material	m ³			R	-
AM34	8076	Install concrete slabs -D-DT-8076	each			R	-
AM35	306188	Install warning tape -D-DT-8013	m			R	-
AM36	306184	Remove Cable Trench Soil (Surplus and or not suitable soil), when applicable	m ³			R	-
AM37	0168686	Cable Concrete markers	each			R	-
		Re-instatement of surfaces					
AM38		Lawn	m2			R	-
AM39		Garden or Vegetation	m2			R	-
AM40		Paving	m2			R	-
AM41		Tarr	m2			R	-
AM42		Concrete	m2			R	-
		Cable Terminations					
AM43	0830	400V Indoor Termination	ea.			R	-
AM44	0831	400V Outdoor Termination to ABC Line	ea.			R	-
AM45	0832	400V Outdoor Termination to Open Wire Line	ea.			R	-
AM46	0833	400V Outdoor Termination To Transformer	ea.			R	-
AM47	0834	400V Outdoor Termination To ABC Line - Fused	ea.			R	-
AM48	0835	400V Outdoor Termination To Open Wire Line - Fused	ea.			R	-
AM49	0836	400V Outdoor Termination To Transformer - Fused	ea.			R	-
AM50	0850	11kV/22kV Termination From Substation Onto O/H line	ea.			R	-
AM51	0851	11kV/22kV Termination From Onto O/H Line With Fuse-Cut-Out Ass.	ea.			R	-
AM52	8005	11kV/22kV 1C/3C Shroud/Bare/USC/USC ES PILC	ea.			R	-
AM53	8006	11kV/22kV 1C/3C Shroud/Bare/USC/USC ES XLPE	ea.			R	-
AM54	8017	22kV 3C Non-Ext SSC/Ext SSC XLPE	ea.			R	-
		Cable Joints					
AM56	8014	400V PVC	ea.			R	-
		TESTING OF CABLES					
	Cable Standard part 22, 240- 56030635 Chapter 4						
AM58		Overvoltage Test (SANS10198-13)	ea.			R	-
AM59		Positive and zero sequence test	ea.			R	-
AM60		10 kV DC Sheath Integrity test	ea.			R	-
AM61		Standing voltage and circulating current measurement	ea.			R	-
AM62		Link resistance test on all connections	ea.			R	-
Item No	Draw No	Additional Labelling ONLY	Unit	Qty	Labour Price	Total Rates	
AO	SAP 316040	Complete labelling of equipment and cables.					
AO1	SAP 316040	Miniature Substation Number	ea.			R	-
AO2	SAP 316040	Kiosk Number	ea.			R	-
AO3	SAP 316040	House Number	ea.			R	-
AO4	SAP 316040	RMU Number	ea.			R	-
AO5	SAP 172393	Labelling Of existing cable Per End	ea.			R	-
AO5	SAP 172393 and 164564	Re-Labelling Of existing Pole	ea.			R	-
Item	Draw	Minisub LV Feeder Bays, Installation of LV feeder bay breaker/fuses	Unit	Qty	Labour	Total	

No	No				Price	Rates
AS		Minisub LV Feeder Bays (CKE)				
AS1	3034	LV Feeder Bay - Breaker	ea.			R -
AS2	3409	LV Feeder Bay - Fuse	ea.			R -
Item No	Draw No	LV Mechanical Breaks	Unit	Qty	Labour	Total
AV		Installation of LV load break switch per LV feeder, complete and labelled			Price	Rates
AV1	0309	LV Mechanical Breaks (WKL)				
AV1	0309	LV Fuse at Transformer (63A-160A) (SET OF 3)	set			R -
Item No	Draw No	Additional Earth as per SCSASACB6	Unit	Qty	Labour	Total
AW		Installation of additional earth electrodes ONLY WHEN REQUIRED DUE TO POOR SOIL CONDITIONS.			Price	Rates
AW		Additional Earth (WKA)				
AW1	3066	3-Point Star	ea.			R -
AW2	3091	Earth Rod Cu 1 ea.	ea.			R -
AW3	3102	Cu Lug	ea.			R -
AW4	3137	Covered Cu 16 mm sq. 1m	ea.			R -
AW5	3137	Covered Cu or Clad 16 mm sq. 1m	ea.			R -
AW6	3139	Bare Cu 16mm Sq. 1m	ea.			R -
AW7	0210	Swer Isolating Point	ea.			R -
AW8	0211	Swer Isolating Trench	ea.			R -
AW9	0212	Swer Understrung rod	ea.			R -
AW10	0213	Swer Understrung Trench	ea.			R -
AW11	0214	Swer Secondary Spike	ea.			R -
AW12	0215	Swer Butt Wrap	ea.			R -
Item No	Draw No	Installation of Programmable Meters and Modems	Unit	Qty	Labour	Total
AZ		Programmable Meters and Modems (CKT)			Price	Rates
AZ1	9420	Programmable Meters	ea.			R -
AZ2	9503	Metering Communication	ea.			R -
Item No	Draw No	Installation of Meter Panels & Meter Kiosk	Unit	Qty	Labour	Total
BA		Meter Panels & Meter Kiosk			Price	Rates
BA1	3236	LPU/Breaker Kiosk - mounted	ea.			R -
BA2	3236	SPU kiosk - mounted	ea.			R -
		Multiple-way Meter Kiosk				
BA3	3236	2 Way Kiosk	ea.			R -
BA4	3236	4 Way Kiosk	ea.			R -
BA5	3236	6 Way Kiosk	ea.			R -
BA6	3214	12-24 way Distribution Kiosk	ea.			R -
		Distribution Kiosk Equipment (CKG)				
BA7	0639	Kiosk Equipment	ea.			R -
MENT STAGE 3 :						
Item	Draw	DISMANTLING / DECOMMISSIONING OF NETWORKS. All poles and equipment that was taken out or decommissioned to be dismantled. (Item re-measurable)	Unit	Qty	Labour	Total
BF	No				Price	Rates
BF1	29010	Loosening/slacking of conductor(2 phase)	Per structure			R -
BF2	29020	Loosening/slacking of conductor(3 phase)	per structure			R -
BF3	29030	Rolling up/cut-up/removal conductor	m			R -
BF4	30010	Bringing down of Stays (cut-off)	ea.			R -
BF5	30020	Bringing down of Stays(total removal)	ea.			R -
BF6	30030	Bringing down of structures Wood poles	ea.			R -
BF7	30040	Bringing down of structures Conc poles	ea.			R -
BF8	30050	Bringing down of structures H - Poles	ea.			R -
BF9	31010	Disassemble Structures Cross-arms	ea.			R -
BF10	31020	Disassemble Structures A - Frames	ea.			R -
BF11	30030	Bringing down of structures Wood poles total removal and backfill	ea.			R -
BF12		Complete removal of pole and stub and backfill holes	ea.			R -
BF13	30040	Bringing down of structures Conc poles complete removal and backfill of hole	ea.			R -
BF14	30050	Bringing down of structures H - Poles total removal and backfill	ea.			R -
BF15	32010	Removal of equipment Poles off site	ea.			R -
BF16	32020	Removal of equipment Wooden Stumps	ea.			R -
BF17	32030	Removal of equipment Terfry (16 - 100 Kva)	ea.			R -
BF18	32040	Removal of equipment Trfr 200 Kva	ea.			R -
BF19	32050	Removal of equipment Trfr 315 Kva	ea.			R -
BF20		Removal Of metering Kiosks 16-50kVA (includes disconnection of terminations and cable)	ea.			R -
BF21		Removal Of metering Kiosks 100-500kVA(includes disconnection of terminations and cable)	ea.			R -
BF22		Removal of MCB in meter kiosk (SPU) 16-100kVA	ea.			R -
BF23		Removal of whole current meters (16-100kVA SPU)	ea.			R -
BF24		Removal of MCCB Minisub (includes disconnection of cable)	ea.			R -

BF25		Removal of MCCB LPU kiosks	ea.			R	-
BF26		Removal of pole mounted CT/VT unit	ea.			R	-
BF27		Removal of Minisub includes disconnection of terminations and feeders	ea.			R	-
BF28		Removal of RMU includes disconnection of terminations and feeders	ea.			R	-
BF29		Removal of Minisub Plinth	ea.			R	-
BF30		Removal of CT/VT unit plinth	ea.			R	-
BF31		Removal of RMU plinth	ea.			R	-
BF32	33010	Re-insulate Replace/Install bonding/BIL	m			R	-
BF33	33020	Re-insulate Replace insulators	ea.			R	-
BF34	33030	Re-insulate Replace X-arm intermediate	ea.			R	-
BF35	33040	Re-insulate Replace cross-arm strain	ea.			R	-
BF36	34010	Re tension loosen of conductor/insulator	ea.			R	-
BF37	34020	Re tensioning and regulate/strain	Per structure			R	-
BF38	34030	Re tensioning binding in of conductor	ea.			R	-
BF39	34000	Prepare for outages	m/h			R	-
BF40		REPLACE / INSTALL BONDING / BIL	M			R	-
BF41		REPLACE INSULATORS	EA			R	-
BF42		REPLACE CROSS-ARM INTERMEDIATE 2M Steel	EA			R	-
BF43		REPLACE CROSS-ARM INTERMEDIATE T Assembly Steel	EA			R	-
BF44		REPLACE CROSS-ARM INTERMEDIATE 2.5M Wood	EA			R	-
BF45		REPLACE CROSS-ARM STRAIN 1.3M Steel	EA			R	-
BF46		REPLACE CROSS-ARM STRAIN 2.5M Wood	EA			R	-
BF47		REPLACE CROSS-ARM STRAIN 3.5M/4.5M Wood	EA			R	-
BF48	400080	Transport of dismantled / decommissioned materials to Eskom stores or site for auction / disposal	sum			R	-
		Transport					
		LDV Transport	/KM				
		Transport of Labourers/staff	/KM				
		Transport Truck 2-4 ton	/KM				
		Transport Truck 5-8 ton	/KM				
		Transport Truck 5-8 ton with crane	/KM				
		Transport Truck 9-14 ton	/KM				
		Transport Truck 9-14 ton with crane	/KM				
		Transport >20 ton	/KM				
		Live work arial device	/KM				
		Transport standard Drill Rig	/KM				
		Transport Compressor Drill Rig	/KM				
		Transport >25 ton	/KM				
		Transport Drill Rig >25 ton / Standard drill rig with compressor on same vehicle	/KM				

Subtotal Labor	R	-
Site Establishment	R	-
Health & Safety (OHS Act, Construction Regulations and Eskom Safety Specifications)	R	-
Material Supply and Compensation	R	-
Total Taskorder value	R	-

C.T. BANDA
U/N : 4078838



04 June 2026

SENIOR SUPERVISOR
JACOBSDAL TSC