

ANNEXURE '1'

(DOCUMENT 2)

THE MSUNDUZI MUNICIPALITY

SUPPLIES AND SERVICES CONTRACT No. E37 OF 2024

**APPOINTMENT OF SERVICE PROVIDERS FOR THE INSTALLATION, MAINTENANCE AND
REPAIRS OF MEDIUM AND LOW VOLTAGE ELECTRICAL INFRASTRUCTURE:
SUBSTATIONS, OVERHEAD, UNDERGROUND MAINS AND CUSTOMER SERVICES**

PRICE SCHEDULES AND DATA SCHEDULES

SIGNED ON BEHALF OF THE SERVICE PROVIDER:

Name of Service Provider

Name of Signatory:

Capacity of Signatory:

Signature Date

PRICE SCHEDULES

Ref. No.	Job Description	Unit	Unit Price
1.	Underground Mains		
1.1	Trenching/Excavation/Backfilling(Refer to clause 3.8 of technical specifications)		
a	Hand pickable soil	m ³	R315
b	Clay	m ³	R320
c	Shale	m ³	R335
d	Ironstone	m ³	R357
e	Rock	m ³	R585
	Road/Driveway Crossings/Sidewalks/Substation floors		
f	Tarmac	m ²	R302
g	Gravel Road	m ²	R174
h	Rock	m ²	R494
i	Brickwork/concrete	m ²	R512
l	Replacing of concrete	m ²	R101
1.2	Reinstatement		
a	Replacing of concrete	m ²	R130
b	Install G5	m ³	R165
c	Remove rubble	m ³	R175
1.3	Laying of pipes in ground (Refer to clause 3.9 of technical specifications)		
b	150 mm dia AC	ea	R119
c	PVC pipes	ea	R119
d	Steel pipes	ea	R128
1.4	Supply and Transport of Soil to Site(Refer to clause 3.15 of technical specifications)		
a	Fine clean soil for bedding for cable	m ³	R550
b	Trench filling	m ³	R450
c	G5	m ³	R750
1.5	Cable Laying		
A	MV		
i	95 mm ² 11 000 Volt 3-Core PILC AL cable	per m	R33
ii	185 mm ² 11 000 Volt 3-core	per m	R36
iii	240 mm ² 11 000 Volt 3-Core PILC cable	per m	R39
iv	300mm ² 11 000 Volt 3 core XLPE/PILC aluminium cable	per m	R51
v	single core cables (400-630 mm)	core/m	R80
vi	single core cables (>630 mm)	core/m	R86
vii	95 mm ² 33 000 Volt 3-Core PILC AL cable	per m	R79
viii	185 mm ² 33 000 Volt 3-core	per m	R86
ix	240 mm ² 33 000 Volt 3-Core PILC cable	per m	R94
x	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	per m	R111
B	LV		
i	185mm ² 4-core PVC (Al)	per m	R34
ii	150mm ² 4-Core PVC (Cu)	per m	R33

iii	95mm ² 4-Core PVC (Al)	per m	R30
iv	70mm ² 4-Core PVC (Cu)	per m	R29
v	50mm ² 4-Core PVC (Cu)	per m	R25
vi	25mm ² 4-Core PVC (Cu)	per m	R19
vii	16mm ² 4-Core PVC (Cu)	per m	R15
viii	10mm ² 2/4-Core PVC (Cu)	per m	R14
ix	4mm ² 2/4-Core PVC (Cu)	per m	R7
x	1.5mm ² 2/4-Core PVC (Cu)	per m	R7
xi	27-Core Traffic Signal Cable	per m	R16
xii	70mm ² Bare Copper Earth Wire	per m	R14
xiii	400mm ² Single copper tails	per m	R49
xiv	10 pair pilot cables	per m	R15
xv	95 -185mm ² 1 core (Cu/Al)	per m	R38
xvi	24 pairs fibre optic	per m	R19
1.6	Laying of PVC Cable Trench Covers		
	Size 1000mm x 250 mm	ea	R20
1.7	Cable Unearthing/Recovery		
A	MV		
i	95mm ² 11 000 Volt 3-Core PILC AL cable	per m	R24
ii	185mm ² 11 000 Volt 3-Core PILC AL cable	per m	R27
iii	240mm ² 11 000 Volt 3-Core PILC AL cable	per m	R30
iv	300mm ² 11 000 Volt 3 core (XLPE/PILC aluminium cable)	per m	R38
v	single core cables (400-630 mm)	core/m	R61
vi	single core cables (>630 mm)	core/m	R69
vii	95 mm ² 33 000 Volt 3-Core PILC AL cable	per m	R30
viii	185 mm ² 33 000 Volt 3-core	per m	R38
ix	240 mm ² 33 000 Volt 3-Core PILC cable	per m	R61
x	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	per m	R66
B	LV		
i	185/150 mm ² 4-Core PVC (Al)	per m	R28
ii	95 mm ² 4-Core PVC (Al)	per m	R24
iii	70mm ² 4-Core PVC (Al)	per m	R22
iv	50mm ² 4-Core PVC (Cu)	per m	R15
v	25mm ² 4-Core PVC (Cu)	per m	R14
vi	16mm ² 2/4-Core PVC (Cu)	per m	R13
vii	10mm ² 2/4-Core PVC (Cu)	per m	R13
viii	4mm ² 2/4-Core PVC (Cu)	per m	R7
ix	1.5mm ² 2/4-Core PVC (Cu)	per m	R7
x	27-core Traffic signal cable	per m	R15
xi	70mm ² Bare copper earth wire	per m	R7
xii	400 mm ² single copper tails	per m	R30
xiii	10 Pair pilot cables	per m	R13
xiv	95 -185 mm ² single core (Cu/AL)	per m	R25
1.7.1	Lowering of Cables		
A	MV Cables		
i	Lower MV Cables up to 185 mm ² to 900 mm below ground level	per m	R28

ii	Lower MV Cables above 185 mm ² to 900 mm below ground level	per m	R30
B	LV Cables		
i	Lower LV Cables up to 150 mm ² to 600 mm below ground level	per m	R24
ii	Lower LV Cables above 150 mm ² to 600 mm below ground level	per m	R26
1.8	Positioning of Cable Makers		
i	For MV 3/C or LV 4/C Cable	ea	R59
ii	For MV single core cables	ea	R88
1.9	Jointing Cable (Refer to clause 3.13 of technical specifications)		
A	MV		
i	95mm ² 3 core XLPE/PILC (Al/Cu)	ea	R2 383
ii	185mm ² 3 core XLPE/PILC (Al/Cu)	ea	R3 113
iii	240mm ² 3 core XLPE/PILC (Cu/Al)	ea	R3 392
iv	300mm ² 3 core XLPE/PILC (Cu/Al)	ea	R4 114
v	single core cable screened sheath break (400-630 mm)	per core	R6 440
vi	single core cable screened straight joint(400-630 mm)	per core	R6 261
vii	95 mm ² 33 000 Volt 3-Core PILC AL cable	per m	R8 121
viii	185 mm ² 33 000 Volt 3-core	per m	R8 121
ix	240 mm ² 33 000 Volt 3-Core PILC cable	per m	R8 662
x	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	per m	R9 113
B	LV - Straight Joint		
i	185mm ² 4-Core PVC (Al)	ea	R914
ii	150mm ² 4-Core PVC (Cu)	ea	R786
iii	95mm ² 4-Core PVC (Al)	ea	R549
iv	70mm ² 4-Core PVC (Cu)	ea	R549
v	50mm ² 4-Core PVC (Cu)	ea	R329
vi	25mm ² 4-Core PVC (Cu)	ea	R293
vii	16mm ² 2/4-Core PVC (Cu)	ea	R256
viii	10mm ² 2/4-Core PVC (Cu)	ea	R165
ix	4mm ² 2/4-Core PVC (Cu)	ea	R146
x	1.5mm ² 2/4-Core PVC (Cu)	ea	R110
xi	27-Core Traffic Signal Cable	ea	R421
xii	10 Pair Pilot Cable	ea	R265
xiii	24 pairs fibre optic (2 x 12 core cables jointed)	ea	R14 316
C	LV - Open Points		
i	Reconnect Existing Open Point	ea	R457
ii	Establish Open Points	ea	R457
iii	Live Seal LV Cables	ea	R457
iv	Tape seal LV PVC cable	ea	R87
1.10.	T- Joints (Including Live)		
i	185mm ² PVC (Al)	each	R549
ii	150mm ² PVC (Cu)	each	R549
iii	95mm ² PVC (Al)	each	R494
iv	70mm ² PVC (Al)	each	R402

v	50mm ² 4 core (Cu)	each	R311
vi	25mm ² 4/core PVC (Cu)	each	R311
vii	4 mm ² -16mm ² 2/4 core PVC (Cu)	each	R292
1.11.	Installation of CDU'S (FIBREGLASS)		
A	Ground Mounted (single/double busbar	each	R750
	LV cable termination (complete) Size		
i	185mm ² 4 core PVC (Al)	ea	R549
ii	95mm ² 4 core PVC (Al)	ea	R501
iii	70mm ² 4 core PVC (Cu)	ea	R439
iv	50mm ² 4 core PVC (Cu)	ea	R329
v	25mm ² 4 core PVC (Cu)	ea	R240
vi	16mm ² 2/4 core PVC (Cu)	ea	R219
vii	10mm ² 2/4 core PVC (Cu)	ea	R178
viii	4mm ² 2 core PVC (Cu)	ea	R110
ix	1,5mm ² 2 core PVC (Cu)	ea	R82
x	10mm Pilot Cable (PVC)	ea	R178
xi	95mm ² -185mm ² 1 Core (Cu/Al)	ea	R396
xii	400mm ² 1 core, LV Cable (Cu)	ea	R466
1.12	Removal & Recovery of CDU'S FIBREGLASS		
A	ground Mounted (single/double busbar	ea	R337
B	Removal of LV Cable termination (complete)		
i	185mm ² 4 core PVC (Al)	ea	R247
ii	150mm ² 4 core PVC (Cu)	ea	R235
iii	95mm ² 4 core PVC (Al)	ea	R226
iv	70mm ² 4 core PVC (Cu)	ea	R197
v	50mm ² 4 core PVC (Cu)	ea	R156
vi	25mm ² 4 core PVC (Cu)	ea	R108
vii	16mm ² 2/4 core PVC (Cu)	ea	R148
viii	10mm ² 2/4 core PVC (Cu)	ea	R80
ix	4mm ² 2/4 core PVC (Cu)	ea	R49
x	1,5mm ² 2/4 core PVC (Cu)	ea	R37
xi	10mm ² Pilot cable (PVC) (Cu)	ea	R80
xii	Remove 400mm 1 core	ea	R210
C	Level Ground Mounted CDU	ea	R169
D	Replace Jumper on Ground Mounted CDU	ea	R149
E	Replace Mounting Board in Ground Mounted CDU	ea	R281
2.	SUBSTATIONS		
2.1	Installation for Mini-sub		
A	Size 200-630kVA	ea	R4 023
B	Size 800-1250kVA	ea	R4 369
C	Casting of Plinth(200-630kVA)	ea	R2 103
D	Casting of Plinth(800-1250kVA)	ea	R2 422
E	Transporting of precasted plinth	ea	R568
F	MV Cable Termination (Complete)		
i	95 sq mm 3-c PILC AL Indoor Heat Shrink	ea	R2 286
ii	185 mm ² 3-core PILC (Al) Indoor Heat Shrink	ea	R2 474
iii	240 mm ² 3-core PILC Indoor Heat Shrink	ea	R2 651

iv	300 mm ² 3-core PILC Indoor Heat Shrink	ea	R2 911
v	single core cables (400-630 mm)	per core	R6 010
vi	XLPE single core cable	ea	R769
vii	95 mm ² 33 000 Volt 3-Core PILC AL cable	ea	R5 963
viii	185 mm ² 33 000 Volt 3-core	ea	R6 454
ix	240 mm ² 33 000 Volt 3-Core PILC cable	ea	R6 629
x	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	ea	R7 423
xi	single core cable PILC/HDPE/XLPE(400-630 mm)	ea	R2 006
	LV Cable Termination (Complete)		
i	185 mm ² 4-core PVC (Cu)	ea	R768
ii	150 mm ² 4-core PVC (Cu)	ea	R758
iii	95 mm ² 4-core PVC (Al)	ea	R731
iv	70 mm ² 4-core PVC (Cu)	ea	R585
v	50 mm ² 4-core PVC (Cu)	ea	R439
vi	25 mm ² 4-core PVC (Cu)	ea	R320
vii	16 mm ² 2/4-core PVC (Cu)	ea	R293
viii	10 mm ² 2/4-core PVC (Cu)	ea	R238
ix	4 mm ² 2-core PVC (Cu)	ea	R146
x	1,5 mm ² 2-core PVC (Cu)	ea	R110
xi	10mm pilot cable (PVC) (Cu)	ea	R238
xii	95 - 185 mm ² 1-core (Cu/Al)	ea	R527
xiii	400 mm ² 1-core, LV cable (Cu)	ea	R622
H	Install LV Board with MDI Metering and CT's	ea	R1 189
I	Issuing of shutdown notices per Outage	ea	R2 428
J	Connect/disconnect tolcon tails	ea	R413
K	Installation of E/F CT	ea	R415
L	Install LV way	ea	R735
2.2	Removal of Mini-Sub		
A	Size 200 kVA-630 kVA	ea	R3 657
B	Size 200 kVA-630 kVA	ea	R3 657
C	Removal of mini-sub plinth	ea	R568
D	Removal of MV Cable termination (Complete)		
i	95 mm ² 3-core PILC (Al) Indoor Heat Shrink	ea	R472
ii	185 mm ² 3-core PILC (Al) Indoor Heat Shrink	ea	R531
iii	240 mm ² 3-core PILC Indoor Heat Shrink	ea	R590
iv	300mm ² 3 core XLPE/PILC/AEP	ea	R635
v	XLPE 1 core	per set of 3 ends	R428
vii	95 mm ² 33 000 Volt 3-Core PILC AL cable	per m	R472
viii	185 mm ² 33 000 Volt 3-core	per m	R531
ix	240 mm ² 33 000 Volt 3-Core PILC cable	per m	R590
x	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	per m	R635
xi	XLPE 1 core	per core	R428
E	Removal of LV Cable termination (complete)		
i	185 mm ² 4-core PVC (Cu)	ea	R329
ii	150 mm ² 4-core PVC (Cu)	ea	R329
iii	95 mm ² 4-core PVC (Al)	ea	R311

iv	70 mm ² 4-core PVC (Cu)	ea	R311
v	50 mm ² 4-core PVC (Cu)	ea	R201
vi	25 mm ² 4-core PVC (Cu)	ea	R201
vii	16 mm ² 2/4-core PVC (Cu)	ea	R165
viii	10 mm ² 2/4-core PVC (Cu)	ea	R146
ix	4 mm ² 2-core PVC (Cu)	ea	R91
x	1,5 mm ² 2-core PVC (Cu)	ea	R91
xi	10 mm ² pilot cable (PVC) (Cu)	ea	R165
xii	400 mm 1-core	ea	R590
F	Remove LV way (complete)	ea	R457
G	Re-align mini sub	ea	R3 291
2.3	Installation for MV Switch pillars		
A	3-Way/4 Way , K4 Isolator (or similar)	ea	R3 840
B	Casting of RMU Plinth all sizes	ea	R2 048
C	Transporting of precasted plinth	ea	R488
D	MV cable termination (complete) (same as 2.1 F Above)		
E	Clean of kiosk after unit faults including painting	ea	R1 006
F	Installation of E/F CT	ea	R549
2.4	Equipping Brick Substation		
A	Installation of 11kV 3-way/4 way I/D ring main unit	ea	R5 303
B	MV cable termination (complete) (same as 2.1 F Above)		
C	Installation of Distribution Transformer		
i	315 kVA	ea	R4 937
ii	500 kVA	ea	R5 303
iii	800 kVA	ea	R5 851
iv	1000 kVA	ea	R6 034
v	Fencing of cage transformer (poles, fence and gate	ea	
			R0
D	Erection of 5 Way LV Board (including CT's and MDI's)	ea	R1 408
E	LV Cable Termination (Complete)		
i	400mm ² 1 core, LV Cable (Cu)	ea	R622
ii	95mm ² -185mm ² 1 Core (Cu/Al)	ea	R527
iii	185mm ² 4 core LV Cable (Al)	ea	R768
iv	95mm ² 4 core LV Cable (Al)	ea	R695
v	70mm ² 4 core LV Cable (Cu)	ea	R585
vi	50mm ² 4 core LV Cable (Cu)	ea	R421
vii	25mm ² 4 core LV Cable (Cu)	ea	R320
viii	16mm ² 4 core LV Cable (Cu)	ea	R256
ix	10mm ² 4 core LV Cable (Cu)	ea	R219
x	4mm ² 4 core LV Cable (Cu)	ea	R140
F	Complete earthing of Substation (including all interior earthing, earth bars, cond cement, earthing rods, earth spikes 70mm ² earth wire terminations etc)	ea	R1 371
G	Installation of cable tray	ea	R823
H	Installation of E/F CT	ea	R677
I	Erection of all required notices (complete)	ea	R238

J	Cutting, fitting and install drop-in handles for checker plate	per m	R297
K	Installation of battery charger	ea	R620
L	Installation of pilot board	ea	R219
M	Melt out compound filled cable box on switchgear	ea	R617
2.5	MV DISTRIBUTION SWITCHGEAR		
A	Installation of 11 kV Circuit Breaker Panel	ea	R4 388
B	Installation of Pole Mounted Auto Reclosers	ea	R3 291
2.6	REMOVAL OF SWITCHGEAR/TRANSFORMER		
A	4 Way, K4 Isolator (or similar)	ea	R3 291
B	11 kV Circuit Breaker Panels	ea	R3 291
C	200-500 kVA transformers	ea	R3 291
D	600-1600 KVA Transformer	ea	R3 586
E	Removal and recovery of battery charger	ea	R408
F	Removal of MV(11-33KV) Cable termination (complete) Size		
i	95mm ² 3 core XLPE/PILC/AEP AL indoor heat shrink	ea	R472
ii	185mm ² 3/core XLPE/PILC/AEP (Al) indoor heat shrink	ea	R531
iii	240mm ² 3 core XLPE/PILC/AEP indoor heat shrink	ea	R590
iv	300mm ² 3 core XLPE/PILC/AEP indoor heat shrink	ea	R635
v	XLPE 1 core (400-630 mm)	per set of 3 ends	R428
3	OVERHEAD MAINS		
3.1	Installation of LV Arial Bundle Conductor		
A	95mm ² x 6/5 c ABC to erect	per m	R54
B	70mm ² x 6/5/4 c ABC to erect	per m	R44
C	50mm ² x 6/5/4 c ABC to erect	per m	R36
D	25mm ² x 6/5/4 c ABC to erect	per m	R34
E	25mm ² x 3c ABC to erect	per m	R30
F	Airdac – 16 and 10mm	per m	R28
G	Numbers of stays to make off	ea	R375
H	Number of flying stays to make off	ea	R485
I	Number of “Knock-in” stays complete	ea	R265
3.2	RAISING OF LV CABLES UP POLES (7-11m)		
	The raising of LV cables up poles includes bandit strapping and guard pipe at an interval of 500 mm		
A	185mm ² x 4 core PVC (AL)	ea	R326
B	95mm ² x 4 core PVC (AL)	ea	R283
C	70mm ² x 4 core PVC (Cu)	ea	R274
D	50mm ² x 4 core PVC (Cu)	ea	R188
E	25mm ² x 4 core PVC (Cu)	ea	R146
F	4mm ² -16mm ² x 2/4 core PVC (Cu)	ea	R126
3.3	LV cable terminations to ABC (complete)		
A	185mm ² x 4 core PVC (AL)	ea	R347
B	95mm ² x 4 core PVC (AL)	ea	R347
C	70mm ² x 4 core PVC (Cu)	ea	R311
D	50mm ² x 4 core PVC (Cu)	ea	R238
E	25mm ² x 4 core PVC (Cu)	ea	R238

F	16mm ² x 2/4 core PVC (Cu)	ea	R201
G	10mm ² x 2/4 core PVC (Cu)	ea	R201
H	4mm ² x 2 core PVC (Cu)	ea	R146
3.4	CONNECT ABC TO ABC (COMPLETE)		
A	95mm ² x 6/5 core ABC to 95mm ² x 6/5 core ABC	ea	R357
B	95mm ² x 5 core ABC to 70mm ² x 5 core ABC	ea	R357
C	95mm ² x 5 core ABC to 55mm ² x 5 core ABC	ea	R357
D	95mm ² x 5 core ABC to 25mm ² x 5 core ABC	ea	R357
E	95mm ² x 5 core ABC to 25mm ² x 3 core ABC	ea	R337
F	70mm ² x 5 core ABC to 70mm ² x 5 core ABC	ea	R297
G	70mm ² x 5 core ABC to 50mm ² x 5 core ABC	ea	R297
H	70mm ² x 5 core ABC to 25mm ² x 5 core ABC	ea	R297
I	70mm ² x 5 core ABC to 25mm ² x 3 core ABC	ea	R338
J	50mm ² x 5 core ABC to 50mm ² x 5 core ABC	ea	R282
K	50mm ² x 5 core ABC to 25mm ² x 5 core ABC	ea	R282
L	50mm ² x 5 core ABC to 25mm ² x 3 core ABC	ea	R338
M	25mm ² x 5 core ABC to 25mm ² x 5 core ABC	ea	R282
N	25mm ² x 5 core ABC to 25mm ² x 3 core ABC	ea	R338
O	25mm ² x 3 core ABC to 25mm ² x 3 core ABC	ea	R338
3.5	POLE DRESSING		
A	Installation of arm/back straps/service clips/cross arms (all sizes and types)	per pole	R396
B	Pig tails/eye bolts/strain/insulators and suspension clamps (all sizes and types)	per pole	R222
C	Installation of Pole numbering	per pole	R60
3.6	CONNECT BARE OVERHEAD TO ABC		
A	Mink to ABC (All sizes and all cores)	per m	R357
B	Gopher to ABC (All sizes and cores)	per m	R297
3.7	DISCONNECTION OF LV CABLE & TERMINATIONS FROM ABC (COMPLETE INCL. REMOVAL OF BANDIT STRAPS & GUARD PIPE ON POLE)		
A	185mm ² x 4 core PVC (AL)	ea	R311
B	95mm ² x 4 core PVC (AL)	ea	R311
C	70mm ² x 4 core PVC (Cu)	ea	R311
D	50mm ² x 4 core PVC (Cu)	ea	R219
E	25mm ² x 4 core PVC (Cu)	ea	R219
F	16mm ² x 2/4 core PVC (Cu)	ea	R201
G	10mm ² x 2/4 core PVC (Cu)	ea	R201
H	4mm ² x 2 core PVC (Cu)	ea	R146
3.8	DISCONNECTION OF ABC FROM ABC		
A	95mm ² x 5 core ABC from 95mm ² x 5 core ABC	ea	R293
B	95mm ² x 5 core ABC from 70mm ² x 5 core ABC	ea	R293
C	95mm ² x 5 core ABC from 50mm ² x 5 core ABC	ea	R293
D	95mm ² x 5 core ABC from 25mm ² x 5 core ABC	ea	R293
E	95mm ² x 5 core ABC from 25mm ² x 3 core ABC	ea	R201
F	70mm ² x 5 core ABC from 70mm ² x 5 core ABC	ea	R293
G	70mm ² x 5 core ABC from 50mm ² x 5 core ABC	ea	R293
H	70mm ² x 5 core ABC from 25mm ² x 5 core ABC	ea	R293
I	70mm ² x 5 core ABC from 25mm ² x 3 core ABC	ea	R201

J	50mm ² x 5 core ABC from 50mm ² x 5 core ABC	ea	R275
K	50mm ² x 5 core ABC from 25mm ² x 5 core ABC	ea	R275
L	50mm ² x 5 core ABC from 25mm ² x 3 core ABC	ea	R201
M	25mm ² x 5 core ABC from 25mm ² x 5 core ABC	ea	R275
N	25mm ² x 5 core ABC from 25mm ² x 3 core ABC	ea	R201
O	25mm ² x 3 core ABC from 25mm ² x 3 core ABC	ea	R201
3.9	DISCONNECT BARE OVERHEAD FROM ABC		
A	Mink to ABC (All sizes and all cores)	ea	R293
B	Gopher to ABC (All sizes and cores)	ea	R244
3.10.	ERECTION OF BARE OVERHEAD CONDUCTOR		
A	Gopher (per wire)	per m	R15
B	Mink (per wire)	per m	R22
3.11	Termination of Bare Overhead LV Conductor to Bare Overhead LV Conductor(complete)	ea	R316
3.12	Termination of Bare Overhead MV Conductor to Bare Overhead MV Conductor(complete)	ea	R316
3.13	LV Cable Terminations to Bare Overhead Conductor Including Connections (complete)		
A	185mm ² x 4 core PVC (Al)	ea	R603
B	95mm ² x 4 core PVC (Al)	ea	R567
C	70mm ² x 4 core PVC (Cu)	ea	R530
D	50mm ² x 4 core PVC (Cu)	ea	R448
E	25mm ² x 4 core PVC (Cu)	ea	R410
F	16mm ² split concentric cable	ea	R274
G	10mm ² split concentric cable	ea	R274
H	4mm ² x 2 core PVC (Cu)	ea	R165
3.14	Removal and Recovery of Arial Bundle Conductor & Airdac Cables		
A	95mm ² x 3 c MV ABC to erect	per m	R28
B	95mm ² x 5 c ABC to erect	per m	R26
C	70mm ² x 5c ABC to erect	per m	R24
D	50mm ² x 5c ABC to erect	per m	R21
E	25mm ² x 5c ABC to erect	per m	R20
F	25mm ² x 3c ABC to erect	per m	R18
G	Airdac – 16 mm ² and 10 mm ²	per m	R11
3.15	Removal on Existing Pole of all MV/LV Hardware	per m	R366
3.16	Removal & Recovery of Bare Overhead Conductor		
A	Gopher (per wire)	per m	R15
B	Mink (per wire)	per m	R22
3.17	Disconnection of Bare Overhead MV Conductor from Bare Overhead MV Conductor (all sizes complete)	ea	R238
3.18	Disconnection of Bare Overhead LV Conductor from Bare Overhead LV Conductor (all sizes complete)	ea	R238
3.19	Shackle off Bare MV/LV Conductor(complete)	per shackle	R480

3.20.	Disconnection of LV Cable Terminations from Bare Overhead Conductor (complete incl.removal of bandit straps on pole)		
A	185mm ² x 4 core PVC (AL)	ea	R311
B	95mm ² x 4 core PVC (AL)	ea	R311
C	70mm ² x 4 core PVC (Cu)	ea	R311
D	50mm ² x 4 core PVC (Cu)	ea	R219
E	25mm ² x 4 core PVC (Cu)	ea	R219
F	16mm ² x 2/4 core PVC (Cu)	ea	R201
G	10mm ² x 2/4 core PVC (Cu)	ea	R201
H	4mm ² x 2 core PVC (Cu)	ea	R146
3.21	MV Outdoor Cable Termination and Connections (complete)		
	(raising up a pole and termination MV cables om pole including bandit strapping at 500m, interval)		
A	240mm ² x 3 core (Al) PILC/XLPE	ea	R2 612
B	185mm ² x 3 core (Al) PILC/XLPE	ea	R2 834
C	95mm ² x 3 core (Al) PILC/XLPE	ea	R2 743
D	95 mm ² 33 000 Volt 3-Core PILC AL cable	ea	R7 155
E	185 mm ² 33 000 Volt 3-core	ea	R7 394
F	240 mm ² 33 000 Volt 3-Core PILC cable	ea	R7 801
G	300mm ² 33 000 Volt 3 core XLPE/PILC aluminium cable	ea	R8 138
H	single core cable PILC/HDPE/XLPE(400-630 mm)	ea	R2 711
3.22	Raising up a Pole and Terminating MV Cables on Poles(including guard pipes & bandit strapping at 500mm interval)		
A	240mm ² x 3 core (Al) PILC/XLPE	ea	R2 612
B	185mm ² x 3 core (Al) PILC/XLPE	ea	R2 834
C	95mm ² x 3 core (Al) PILC/XLPE	ea	R2 743
3.23	MV (11-33KV)Outdoor Cable Disconnection & Reconnection		
A	240mm ² x 3 core (Al) PILC/XLPE	ea	R2 834
B	185mm ² x 3 core (Al) PILC/XLPE	ea	R2 743
C	95mm ² x 3 core (Al) PILC/XLPE	ea	R2 612
D	300mm ² x 3 core (Al) PILC/XLPE	ea	R3 143
3.24	Lowering and Restraining of Existing Ohm(add all cores)		
A	95mm ² x 3 c MV ABC to erect	per m	R32
B	95mm ² x 5 c ABC to erect	per m	R26
C	70mm ² x 5c ABC to erect	per m	R25
D	50mm ² x 5c ABC to erect	per m	R24
E	25mm ² x 4/5c ABC to erect	per m	R20
F	25mm ² x 3c ABC to erect	per m	R18
G	Airdac – 16 mm ² and 10 mm ²	per m	R11
3.25	Restraining of Existing Ohm		
A	Gopher (per wire)	per m	R15
B	Mink (per wire)	per m	R22
3.26	Transferring pf Existing Ohm		
A	95mm ² x 3 c MV ABC to erect	per pole	R77
B	95mm ² x 5 c ABC to erect	per pole	R61

C	70mm ² x 5c ABC to erect	per pole	R56
D	50mm ² x 5c ABC to erect	per pole	R52
E	25mm ² x 5c ABC to erect	per pole	R47
F	25mm ² x 3c ABC to erect	per pole	R41
G	Airdac – 16 mm ² and 10 mm ²	per pole	R36
H	"Gopher" (per wire)	ea	R20
I	"Mink" (per wire)	ea	R31
3.27	Number of pole holes to excavate and plant and backfill (including pole numbering)		
A	12 - 2,0m deep	ea	
i	hand pickable soil	ea	R750
ii	90% shale	ea	R873
iii	90% rock	ea	R796
iv	100% rock	ea	R859
B	11 m - 1,8 m deep		
i	hand pickable soil	ea	R695
ii	90% shale	ea	R750
iii	90% rock	ea	R805
iv	100% rock	ea	R859
C	9 m poles - 1,5 m deep		
i	hand pickable soil	ea	R567
ii	90% shale	ea	R622
iii	90% rock	ea	R658
iv	100% rock	ea	R677
D	7 m poles - 1 m deep		
i	hand pickable soil	ea	R335
ii	90% shale	ea	R366
iii	90% rock	ea	R393
E	4,8 m poles - 1 m deep		
i	hand pickable soil	ea	R311
ii	90% shale	ea	R366
iii	90% rock	ea	R393
F	4 m traffic signal poles - 1 m deep		
i	hand pickable soil	ea	R294
ii	90% shale	ea	R327
iii	90% rock	ea	R384
G	Cantilevered traffic signal poles-2m deep		
i	hand pickable soil	ea	R658
ii	90% shale	ea	R722
iii	90% rock	ea	R768
3.28	Number of Stay Holes to excavate and erect		
A	hand pickable soil	ea	R453
B	90% shale	ea	R530
C	90% rock	ea	R585

D	100% rock	ea	R640
3.29	Number of Strut Poles to excavate, plant and backfill		
A	hand pickable soil	ea	R549
B	90% shale	ea	R603
C	90% rock	ea	R677
D	100% rock	ea	R731
3.30	ERECTION OF POLE TRANSFORMERS (complete		
A	"End of line" (see drawing no 1738/a attached)	ea	R4 206
B	"In line" (see drawing no 1738/B)	ea	R4 206
3.31	REMOVAL OF POLE TRANSFORMERS (complete		
A	"End of line"	ea	R1 829
B	"In line"	ea	R1 829
3.32	Complete Earthing of Pole Transformers,Mini-sub& Switch Pillars including earth spikes, conductive cement, earthing rods earthing conductor(cplete)	ea	R744
3.33	Installation of CDU'S (FIBREGLASS)		
A	Pole Mounted (single/double busbar)	ea	R750
B	LV Cable Termination (complete)		
i)	185mm ² 4 core (Al)	ea	R713
ii)	95mm ² 4 core (Al)	ea	R713
iii)	70mm ² 4 core (Cu)	ea	R603
iv)	50mm ² 4 core PVC (Cu)	ea	R457
i)	25mm ² 4 core PVC (Cu)	ea	R366
ii)	16mm ² 2/4 core (Cu)	ea	R366
iii)	4mm ² 2 core (Cu)	ea	R110
iv)	1,5mm ² 2 core (Cu)	ea	R110
3.34	Installation and connection of Miniature Circuit Breakers (any size) into:		
A	Meter Box	ea	R219
B	Pole Top Box	ea	R293
C	LV Panel	ea	R219
D	Steel Street Light pole	ea	R219
E	CDU	ea	R402
F	Install Fly Fuse	ea	R319
G	Replace Fuse Wire/Reset MCB	ea	R285
3.35	Trim Trees Obstructing Overhead Lines(look at tree cutting contract)		
A	Large	ea	R402
B	Medium	ea	R274
3.36	Installation of :		
A	11-33 kV Surge Arrestors	ea	R221
B	11-33 kV Fuse/Line Links	ea	R282
C	11-33 kV Earth Fault Indicator with CT (complete)	ea	R549
D	LV current transformers and maximum demand ammeters	ea	R1 371
E	11-33 kV pole mounted fault indicators (complete)	ea	R549

	Removal of:		
A	11-33 kV Surge Arrestors	ea	R55
B	11-33 kV Fuse/Line Links	ea	R198
C	11-33 kV Earth Fault Indicator with CT (complete)	ea	R385
D	LV current transformers and maximum demand ammeters	ea	R960
E	11-33 kV pole mounted fault indicators (complete)	ea	R385
3.37	Removal of CDU'S (FIBREGLASS)		
A	Pole Mounted (include mower box)	ea	R549
3.38	Disconnection and Removal of Miniature Circuit Breakers (any size) from:		
a	Pole Top Box	ea	R274
b	LV Panel	ea	R219
c	Steel Street Light pole	ea	R219
d	CDU	ea	R219
3.39	Removal and recovery of:		
A	LV and MV transmission poles including street light poles		
i	12m	ea	R616
ii	11m	ea	R613
iii	9m	ea	R527
iv	7m		R396
v	4.8m	ea	R304
4.	SERVICES		
4.1	Erection of overhead cable:		
A	10mm ² /16mm ² Split Concentric Cable (with comm.Cu)	per m	R19
4.2	Disconnection, Removal and Recovery of Overhead Service Cable		
A	10mm ² /16 mm ² split concentric	per m	R11
B	Bare OHL/Hard drawn cable from OHL	per m	R11
4.3	Installation and connection of:		
A	Prepayment meter/s including din rail & seals in:		
i	formal/informal building/meter room	ea	R11
ii	pole top box	ea	R11
B	Customer interface unit(readyboard/ keypad)		
i	formal/informal building	ea	R145
C	Ready boards		
i	formal/informal building	ea	R594
D	Credit/Post paid meters/s including din rails & seals		
i	Single phase	ea	R494
ii	Three phase(4 wire)	ea	R530
E	Maximum demand meters(including wiring & seals)	ea	R987
F	Circuit Breakers		
i	3 phase circuit breaker above 100A	ea	R530
ii	Three phase (tariff/protection)(30-100A) including seals		
1.	meter box	ea	R353
2.	pole top box	ea	R442
iii	Single phase(tariff/protection)(5-100A) including seals		
1.	meter box	ea	R219

2.	pole top box	ea	R293
G	Test Block(including seals)	ea	R279
H	Low Voltage Current Transformer(including seals)	ea	R56
I	Installation of ready board mounting bracket	ea	R120
4.4	Disconnection and Removal of:		
A	Prepayment meters/s including seals in:		
i	formal/informal building/meter room	ea	R358
ii	pole top box	ea	R358
B	Customer interface unit(readyboard/ keypad)		
i	formal/informal building	ea	R145
C	Ready boards		
i	formal/informal building	ea	R439
D	Credit/Post paid meters/s seals		
i	Single phase	ea	R494
ii	Three phase(4 wire)	ea	R475
E	Maximum demand meters(including wiring & seals)	ea	R530
F	Circuit Breakers		
i	3 phase Circuit Breaker above 100A	ea	R530
ii	3 phase (tarrif/Protectio) (30-100A) including seals		
1	Meter Box	ea	R353
2	pole top box	ea	R442
iii	Single phase (tarrif/Protection) (5-100A)		
1	Meter Box	ea	R219
2	pole top box	ea	R293
G	Test Block (including seals)	ea	R249
H	Low Voltage Current transformer (including seals	ea	R50
I	Din rail	ea	R37
4.5	TESTING OF INSTALLATION AFTER COMPLETION		
A	Testing of compliance certificate (COC) in compliance with SABS 014121, as amended	ea	R1 500
B	Taking of installation photos (before & after) including printing in colour	ea	R15
4.6	ERECTION OF TOP BOXES INCLUDING CONNECTION TO OVERHEAD LV MAINS		
A	Pole top distribution box		
i	4 Way meter Box	ea	R530
ii	1 Way meter Box	ea	R512
iii	Hanging type meter Box	ea	R530
4.7	Service Cable Terminations in:		
A	Prepayment meter including "split" type	ea	R174
B	Customer interface unit(readyboard/ keypad)	ea	R174
C	Hanging type	ea	R174
D	1 way remote energy pole top distribution box	ea	R174
E	1 way remote energy pole top distribution box	ea	R174
5	MISCELLANEOUS		
A	Verified Unproductive site visit to install service	ea	R366

	NOTE: This can only be claimed for if it is the fault of the Msunduzi Electricity ie to be claimed if the house is not ready and can only be claimed once per property.		
B	Internal wiring of one way pole top box	ea	R183
C	Removal of stay from top of pole to bugle	ea	R459
D	Reclamation of concrete pole	ea	R486
E	Upgrade & downgrade code	ea	R145
F	Converting from prepaid	ea	R145
G	Converting from prepaid	ea	R145
6	General		
6.1	Replace existing CDU with CDU suitable for split meters	ea	R520
6.2	Perform an earth loop impedance test connection	ea	R297
6.3	Bush clearing per linear meter	m ²	R86
6.4	Install 15A socket outlet in switch pillar	ea	R303
6.5	Circuit Labelling (per feeder) (including label, engraving, printing according to Msunduzi's specs)	ea	R283
6.6	Fibre testing with certification(pre haul, post haul and after termination)	per fibre	R522
6.7	Installation of optical fibre cable, 24 core splicing kit, includes termination	per installation	R2 100
6.8	Fibre testing with certification after splicing	per fibre	R377
6.9	Installation of optical fibre manhole according to latest construction regs.	per installation	R12 221
6.10	Installation of optical 19 inch 24 way termination rack complete with ST type optic fibre terminations and splice tray	per installation	R1 536
6.11	Installation of 10 m optical mono mode ST to protection relay patch	per installation	R138
7	PLANTING OF CONCRETE POLES		
	Including excavation to specific depth, positioning, setting vertical aligning,backfilling, compacting and all other actions required for planting of the following poles in accordance with the Specifications, but EXCLUDING stays and dressing.		
7.1	Concrete 9.1m circular	ea	R734
7.2	Planting of concrete pre stressed 9m – 4kN	ea	R777
7.3	Planting of concrete pre stressed 9m – 7kN	ea	R610
7.4	Planting of concrete pre stressed 9m – 17,5kN	ea	R986
7.5	Planting of concrete pre stressed 10m – 8kN	ea	R1 084
7.6	Planting of concrete pre stressed 11m – 8kN	ea	R1 080
8	STANDBY WORK		
	MEDIUM VOLTAGE/ LOW VOLTAGE		
1	CALL OUT	/hr	R319
2	MV Operating (if required and approved by the Electrical Engineer)	/hr	R319
	OHL PATROL / UGM	per ohl	
3	Identify fault, repair fault and replace MV/LV fuse	/hr	R319
4	Identify fault fuse carrier/MCB, remove and replace fuse carrier/MCB and reset MCB and new fuse	/hr	R319
5	Generator and lighting plant	/hr	R407
	NOTE: The above to include replacing burnt/broken jumpers, broken fuse, fuse carries, faulty MCBs, fallen poles, replacing burnt/broken conductors in meter boxws and consumer		

9	HIRING RATES BY THE MUNICIPALITY FROM THE CONTRACTOR		
1	Vehicle up to 8 tonne with crane to suit	/hr	R399
2	Vehicle up to 10 tonne with crane to suit	/hr	R559
3	Compressor and its associated equipment	/hr	R303
4	Water pump	/hr	R128
5	Saw cutting tarred surface 100 mm-200mm	/m	R96
6	Vehicle - Cherry picker/Bucket Truck	/hr	R399
7	TLB	/hr	R590
10	RATES FOR SWITCHING OPERATOR INCLUSIVE OF ASSISTANT		
10.1	Switching on one point	per operation	R682
10.2	Subsequent operation from the initial one	per operation	R310
10.3	Opening and Closing of permit	per task	R186

THE MSUNDUZI MUNICIPALITY

SUPPLIES AND SERVICES CONTRACT No. E37 OF 2024

**APPOINTMENT OF SERVICE PROVIDERS FOR THE INSTALLATION, MAINTENANCE AND
REPAIRS OF MEDIUM AND LOW VOLTAGE ELECTRICAL INFRASTRUCTURE: SUBSTATIONS,
OVERHEAD, UNDERGROUND MAINS AND CUSTOMER SERVICES OVERHEAD,**

DATA SCHEDULES CONTENTS

Schedule A	:	General Technical Details and Requirements of Plant and Equipment to be installed
Schedule B1	:	Tools, Equipment and Plant-OHM Crew
Schedule B2	:	Tools, Equipment and Plant-UGM Crew
Schedule B3	:	Tools, Equipment and Plant-Substation Crew
Schedule B4	:	Tools and Equipment-Switching operator
Schedule C1	:	Superintendent
Schedule C2	:	UGM Electrician
Schedule C3	:	OHM Electrician
Schedule C4	:	Substation Electrician
Schedule C5	:	Switching Operator
Schedule D1		Acceptance of Undertaking in Terms of the Occupational Health and Safety Act (Act 85 of 1993)
Schedule D2		Health and Safety Plan in terms of the Occupational Health & Safety Act (Act 85 of 1993)
Schedule D3:		Agreement in terms of section 37(2) of the Occupational Health and Safety Act (Act 85 of 1993)

SCHEDULE A: General Technical Details and Requirements of Plant and Equipment to be Installed

ITEM NO	ITEM	DETAILS
1	Estimated number of individual projects to be issued	Based on the demand and availability
2	Types of cables to be installed: (a) 33 000 V (b) 11 000 V (c) 600/1 000 V Design, manufacture and testing standards	1 core, 3 core and 4 core Paper Insulated Cable with either aluminium or copper conductors, and PVC served etc. i. 2 Core, or 4 Core PVC insulated cable with either aluminium or copper conductors and PVC served. ii. Circular stranded hard-drawn copper phase conductor, PVR or XLPE insulated with identified neutral and bare copper earth conductors arranged concentrically around it. PVC or polyethylene sheathed overhead or underground service connection cable. SANS 10198
3	Medium Voltage Switch Pillar Details	350 MVA 11kV ring main units (3 way or 4 way or 5-way non-extensible/extensible) pre-cast on a concrete base and housed in a steel cubicle or indoor type.
	Installation of miniature substations	315-1200 KVA, 11 000/420 V mini-substation
4	Consumer Distribution Unit Details (Ground and Pole Mounted types)	420/230 V distribution board with fibreglass housing Incoming cables terminated solid onto insulated busbar mounted at the back of the board (ground mounted unit) or behind an insulated front cover (pole mounted). Service cables terminated into moulded fuses or circuit breakers (phase conductors) and earth and neutral terminal strips.
6.1	Medium Voltage (11 000V) Aerial Bundled Conductor i. ABC Size and Construction Design, manufacture and testing standards	95 mm ² stranded aluminium per core, each core made up as follows: (i) Stranded aluminium conductor (ii) An extruded conductor screen (iii) XLPE insulation (iv) Extruded insulation screen (v) A taped core screen (vi) A copper taped screen, and (vi) A UV protected outer serving The complete cable consists of three single cores laid up around a galvanised steel wire catenary PVC served.

		SANS 10198
	(b) Pole Sizes	German DIN 57274/VDE 0274 or French standard or any other equivalent standard. (i) 11,0 m concrete, wooden or steel pole (ii) 12,0 m concrete, wooden or steel pole (iii) 9 m wooden or steel pole (iv) 5 m steel or fibreglass pole (v) 7 m wooden pole
	(c) Stay Requirements	No of stays to be used Minimum angle of rake of stay
	(i) Line angle up to 35°	1 45°
	(ii) Line angle over 35°	2 45°
	(iii) Terminal pole	1 45°
	Stay Wire Size	Seven strands of 4, 0 mm diameter galvanised steel wire.
	(d) Pole Mounted Fittings	Manufactured from hot dipped galvanised steel OR stainless steel with pistol grip type catenary wire clamp. Each clamp has a minimum failing load of 70kN.
	(i) Strain Clamps	
	(ii) Suspension Clamps	

6.2	Low Voltage (600/1 000 V)	25 mm ² - 95 mm ² stranded aluminium per core, each conductor separately insulated with XLPE. The complete cable consists of four conductors twisted together in a long lay to form a bundle.	
	Aerial Bundled Conductor		
	(a) ABC Size and Construction	<u>No of stays to be used</u> <u>Minimum angle of rake of stay</u>	
	(b) Stay requirements for the following types:		
	(i) Intermediate	1	45°
	(ii) Angle to 35°	2	45°
	(iii) Angle above 35°	1	45°
	(iv) Terminal Pole		
	Stay Size	Seven strands of 4, 0 mm diameter galvanised steel wire.	
	(c) Pole ABC mounted fittings	German DIN 57274/VDE 0274 or French standard or any other equivalent standard.	
(i) Standard/Specifications	Self-adjusting wedge type. Insert is of glass fibre, reinforced plastic or equivalent material with external body hot galvanised or stainless steel.		
(ii) Strain Clamps	Hot dipped galvanised or stainless steel with weather proof and age resistant rubber inserts.		
(iii) Suspension Clamps			
(d)Fitting Angular Range and Loading Details	Angular Max. Loading of Range Release Force □ (Newtons)		
(I) 95 mm ² suspension fitting	0 - 25□	2 500	
(ii) 95 mm ² suspension fitting	5□ - 35□ □	2 500	
(iii) 95 mm ² strain fitting	- □	43 000	
(iv) 95 mm ² suspension release hooks	- □	8 000	

6.3	<p>Conductor Clearances</p> <p>(a) Min. ground clearance over roads in townships, proclaimed roads outside Townships and railway lines.</p> <p>(b) Min. ground clearance in Townships.</p> <p>(c) Min. ground clearance over Communication lines</p> <p>(d) Min. angle of crossing with Communication lines</p>	<p>6.3 metres at 12kV</p> <p>5.5 metres at 12 kV</p> <p>0.8 metres at 12 kV</p> <p>45°</p>
7	Pre-payment Metre and Small Power Distribution Unit	<p>Prepayment Meter incorporating card reader, power indication levels</p> <p>Small Power Distribution Unit</p> <p>(Integral with pre-payment meter) and protective circuit breakers and earth leakage relay, incorporating a light and controlling switch, and three 16 ampere switched socket outlets.</p>
8	Trenching and Cable Laying Details	Refer Pietermaritzburg Electricity's Underground Cables Safe Work Procedures
9	Jointing and Termination Details	Refer Pietermaritzburg Electricity's Underground Cables Safe Work Procedures
10	Substation Installation Details	Refer Pietermaritzburg Electricity's Substations Safe Work Procedures
11	<p>11 kV Bare Overhead Mains Details</p> <p>(a) Pole Structure</p> <p>(b) Type of Conductor to be erected:</p> <p>(c) Overhead Line Construction</p>	<p>Refer Pietermaritzburg Electricity's Overhead Lines Safe Work Procedures and drawings</p> <p>16 mm², 40 mm² and 63 mm² Hard drawn bare aluminium/copper conductor.</p> <p>Refer Pietermaritzburg Electricity's Overhead Lines Safe Work Procedures</p>

NAME OF BIDDER: _____

SIGNATURE: _____

DATE: _____

SCHEDULE B 1: TOOLS, EQUIPMENT AND PLANT - OHM CREW

This schedule shall be completed, signed and returned with bid documents of which it forms part.

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
1	Each OHM maintenance repair crew shall have the following tools:		
1.1	1 Kg Ball Pein Hammer	1	Yes/No
1.2	1 m X 1m Red Flag (Traffic Control)	1	Yes/No
1.3	1,5 Tonne Chain Block	1	Yes/No
1.4	12 mm Bolt Cutters	1	Yes/No
1.5	2 Tonne Nylon Slings	2	Yes/No
1.6	220 Volt Live Tester	1	Yes/No
1.7	30m Rope and Snatch Block	30	Yes/No
1.8	30m Tape Measure	1	Yes/No
1.9	5 KVA Portable Generator (For Night Work)	1	Yes/No
1.10	5m Tape Measure	1	Yes/No
1.11	600 mm Bow Saw	1	Yes/No
1.12	750 mm Orange Road Cones	8	Yes/No
1.13	750 Kg Chain Blocks	4	Yes/No
1.14	9 Kg Lp Gas Cylinder and Torch	1	Yes/No
1.15	ABC Come-a-long	1	Yes/No
1.16	Alphabet & Number Stencils	Set	Yes/No
1.17	Aluminium Come-a-longs	3	Yes/No
1.18	Axe	1	Yes/No
1.19	Band-it Tool	1	Yes/No
1.20	Bell Tester	1	Yes/No
1.21	Chipping Hammer	1	Yes/No

1.22	Copper Come-a-longs	4	Yes/No
1.23	Core Cutter	1	Yes/No
1.24	D-shackles	8	Yes/No
1.25	Dies for ABC Ferrules [658, 659]	Set	Yes/No
1.26	Dies for Copper Ohm [162, 163, 166]	Set	Yes/No
1.27	Fiberglass Extension Ladders	2	Yes/No
1.28	Gas Pliers	1	Yes/No
1.29	Green Discs	6	Yes/No
1.30	Gumboots	3 Pairs	Yes/No
1.31	Hacksaw	1	Yes/No
1.32	Hand Crimper 2,5 Mm - 25 Mm	1	Yes/No
1.33	Hand Crimper 35 Mm - 150 Mm	1	Yes/No
1.34	Hard Hats	3	Yes/No
1.35	Hydraulic Crimper & Dies	Set	Yes/No
1.36	Hysplice Crimper	1	Yes/No
1.37	Knives (Cobblers & Stripping)	2	Yes/No
1.38	Leather Gloves	3	Yes/No
1.39	Line Tap Spanners	Set	Yes/No
1.40	Long Nose Pliers	1	Yes/No
1.41	Long Picks	2	Yes/No
1.42	LV Jointing Equipment	Set	Yes/No
1.43	LV Shorts	2	Yes/No
1.44	LV Abc Spreader	2	Yes/No
1.45	Multi-meter	1	Yes/No

1.46	Overalls	3 Pairs	Yes/No
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1.47	Paint Brush 75 Mm	1	Yes/No
1.48	Paint Brush 25 Mm	1	Yes/No
1.49	Paint Brush 50 Mm	1	Yes/No
1.50	Parrot Beak Cutter (For Tree Cutting)	1	Yes/No

1.51	Picks & Handles	2	Yes/No
1.52	Pliers	1	Yes/No
1.53	Portable Flood Lights (For Night Work)	2	Yes/No
1.54	Rain Suits	3	Yes/No
1.55	Ring Spanners	Set	Yes/No
1.56	Rope	25	Yes/No
1.57	Rubber Gauntlets	Pair	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity Requirement/ Quantity	*Bidder's Offer
1.58	Safety Boots	3 Pairs	Yes/No
1.59	Safety Belts	2	Yes/No
1.60	Screw Driver Small	1	Yes/No
1.61	Screw Driver Large	1	Yes/No
1.62	Screw Driver Medium	1	Yes/No
1.63	Shifting Spanner 250 Mm	2	Yes/No
1.64	Shifting Spanner 200 Mm	1	Yes/No
1.65	Shifting Spanner 300 Mm	1	Yes/No
1.66	Side Cutters	1	Yes/No
1.67	Slasher	1	Yes/No
1.68	Socket Spanners	Set	Yes/No

1.69	Shovel	2	Yes/No
1.70	Steel Slings 1m X 8mm	2	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/Quantity	*Bidder's Offer
1.71	Tin Snips	1	Yes/No
1.72	Tool Box	1	Yes/No
1.73	Torch	1	Yes/No
1.74	Traffic Control Signage	Set	Yes/No
1.75	Vice Grip	1	Yes/No
1.76	Wire Brush	1	Yes/No

*Delete which is not applicable

BIDDING COMPANY: _____

NAME: _____

SIGNATURE: _____

CAPACITY OF SIGNATORY: _____

DATE: _____

SCHEDULE B 2: TOOLS, EQUIPMENT AND PLANT - UGM CREW

This schedule shall be completed, signed and returned with bid documents of which it forms part.

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.0	Each UGM maintenance repair crew shall have the following tools:		
2.1	1 Kg Ball Pein Hammer	1	Yes/No
2.2	0,5 Kg Ball Pein Hammer	1	Yes/No
2.3	1 m X 1 m Red Flag (Traffic Control)	1	Yes/No
2.4	12 mm Bolt Cutter	1	Yes/No
2.5	220 Volt Live Tester	1	Yes/No
2.6	5 KVA Portable Generator (For Night Work)	1	Yes/No
2.7	5 m Measuring Tape	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.8	500 Volt Insulation Resistance Tester	1	Yes/No
2.9	600 mm Bow Saw	1	Yes/No
2.10	750 mm Orange Road Cones	8	Yes/No
2.11	9 Kg Lp Gas Cylinder & Torch	1	Yes/No
2.12	Allen Keys	Set	Yes/No

2.13	Axe	1	Yes/No
2.14	Bell Tester	1	Yes/No
2.15	Combination Spanners - 8 mm to 22 mm	Set	Yes/No
2.16	Core Cutter	1	Yes/No
2.17	Drilling Machine - Electric/battery	1	Yes/No
2.18	Fibreglass Extension Ladder	1	Yes/No
2.19	Flat Files	Set	Yes/No
2.20	Gas Pliers	1	Yes/No
2.21	Gumboots	3 Pairs	Yes/No
2.22	Hacksaws	2	Yes/No
2.23	Hand Crimpers 2,5 mm to 16 mm	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.24	Hand Crimper 25 mm to 150 mm	1	Yes/No
2.25	Hand Brush	1	Yes/No
2.26	Hard Hats	3	Yes/No
2.27	Hydraulic Crimper & Dies	Set	Yes/No
2.28	Jointing Equipment - Gas Stoves	2	Yes/No

2.29	Jointing Equipment - Stand for "Metal" Pots	1	Yes/No
2.30	Jointing Equipment - "Compound" Pot	1	Yes/No
2.31	Jointing Equipment - Ladles	2	Yes/No
2.32	Jointing Equipment - "Aluminium" Pot	1	Yes/No
2.33	Jointing Equipment - "Copper" Pot	1	Yes/No
2.34	Jointing Equipment - Stand for "Compound" Pot	1	Yes/No
2.35	Jointing Equipment - Protective Aprons	2	Yes/No
2.36	Jointing Equipment - Mole Skin Wiping Cloth	2	Yes/No
2.37	Knives (Cobblers & Stripping)	2	Yes/No
2.38	Leather Gloves	3 Pairs	Yes/No
2.39	Long Nose Pliers	1	Yes/No
2.40	Metal Dymo Tape Machine	1	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.41	Multi-meter	1	Yes/No
2.42	Overalls	3 Pairs	Yes/No
2.43	Paint Brush 25 mm	1	Yes/No
2.44	Paint Brush 50 mm	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.45	Picks & Handles	2	Yes/No
2.46	Pliers	1	Yes/No
2.47	Pop Rivet Gun	1	Yes/No
2.48	Portable Flood Lights (For Night Work)	2	Yes/No
2.49	Rain Suits	3	Yes/No
2.50	Rain & Flame Proof Tent (Suitable for Covering a Joint Hole)	1	Yes/No
2.51	Ring Spanners	Set	Yes/No
2.52	Rubber Gauntlets	Pair	Yes/No
2.53	Safety Boots	3 Pairs	Yes/No
2.54	Screw Driver, Flat, Large	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
2.55	Screw Driver, Flat, Medium	1	Yes/No
2.56	Screw Driver, Flat, Small	1	Yes/No
2.57	Shifting Spanner - 200 mm	1	Yes/No
2.58	Shifting Spanner - 300 mm	1	Yes/No

2.59	Shifting Spanner - 250 mm	1	Yes/No
2.60	Shovel	2	Yes/No
2.61	Side Cutters	1	Yes/No
2.62	Slashers	2	Yes/No
2.63	Socket Spanners	Set	Yes/No
2.64	Soil Stamper	2	Yes/No
2.65	Tin Snips	1	Yes/No
2.66	Tool Box	1	Yes/No
2.67	Torch	1	Yes/No
2.68	Torque Wrench	1	Yes/No
2.69	Traffic Control Signage	Set	Yes/No
2.70	Trowel	1	Yes/No
2.71	Vice Grips	1	Yes/No
2.72	Wire Brush	1	Yes/No

*Delete which is not applicable

BIDDING COMPANY: _____

NAME: _____

SIGNATURE: _____

CAPACITY OF SIGNATORY: _____

DATE: _____

SCHEDULE B 3: TOOLS, EQUIPMENT AND PLANT - SUBSTATION CREW

This schedule shall be completed, signed and returned with bid documents of which it forms part.

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3	Each Substation maintenance repair crew shall have the following:		
3.1	Does the Substation maintenance repair crew have all the tools as specified for the maintenance repair crew?	YES/NO	YES/NO
3.2	0,5 kg Ball Pein Hammer	1	Yes/No
3.3	1 m X 1 m Red Flag (Traffic Control)	1	Yes/No
3.4	1 kg Ball Pein Hammer	1	Yes/No
3.5	12 mm Bolt Cutter	1	Yes/No
3.6	2 Tonne Nylon Slings	2	Yes/No
3.7	220 Volt Live Tester	1	Yes/No
3.8	5 m Tape Measure	1	Yes/No
3.9	5 kVA Portable Generator (For Night Work and Oil Pump)	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.10	600 mm Bow Saw	1	Yes/No
3.11	750 mm Orange Road Cones	8	Yes/No
3.12	9 kg LP Gas Cylinder and Torch	1	Yes/No
3.13	Allen Keys	Set	Yes/No
3.14	Alphabet and Number Stencils (for painting substation numbers, etc)	Set	Yes/No
3.15	Approved Hazemeyer Pump and Hoses	Set	Yes/No

3.16	Axe	1	Yes/No
3.17	Bell Tester	1	Yes/No
3.18	Blower - Electric	1	Yes/No
3.19	Chipping Hammer	1	Yes/No
3.20	Combination Spanners - 8 mm to 22 mm	Set	Yes/No
3.21	Core Cutter	1	Yes/No
3.22	Drilling Machine - Electric/Battery	1	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.23	Dusters, Brooms and Hand Brooms	Set	Yes/No
3.24	Electric/Hand Pump With Approved Hoses (For Pumping Insulating Oil)	Set	Yes/No

3.25	Fibreglass Extension Ladder	1	Yes/No
3.26	Flat Files	Set	Yes/No
3.27	Funnel	1	Yes/No
3.28	Gas Pliers	1	Yes/No
3.29	Gumboots	3 Pairs	Yes/No
3.30	Hacksaw	1	Yes/No
3.31	Hand Crimper 25 mm to 150 mm	1	Yes/No
3.32	Hand Crimper - 2,5 mm to 16 mm	1	Yes/No

3.33	Hard Hats	3	Yes/No
3.34	Heat Gun (min 1600 W)	1	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.35	Hydraulic Crimper & Dies	Set	Yes/No
3.36	Knives (Cobblers & Stripping)	2	Yes/No
3.37	Ladder - 1,8 m A-Frame	1	Yes/No
3.38	Ladder - 3 m A-Frame	1	Yes/No
3.39	Leather Gloves	3 Pairs	Yes/No
3.40	Long Nose Pliers	1	Yes/No
3.41	Metal Dymo Tape Machine	1	Yes/No
3.42	Multi-Meter	1	Yes/No
3.43	MV and LV Jointing Equipment (refer UGM list)	Set	Yes/No
3.44	Overalls	3 Pairs	Yes/No
3.45	Paint Brush 25 mm	1	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.46	Paint Brush 75 mm	1	Yes/No
3.47	Paint Roller & Tray	1	Yes/No
3.48	Paint Brush 50 mm	1	Yes/No
3.49	Pick & Handle	1	Yes/No
3.50	Pliers	1	Yes/No

3.51	Pop Rivet Gun	1	Yes/No
3.52	Portable Flood Lights (For Night Work)	2	Yes/No
3.53	Rain Suits	3	Yes/No
3.54	Rain & Flame Proof Tent (with sides capable of covering a MSS)	1	Yes/No
3.55	Ring Spanners	Set	Yes/No
3.56	Rubber Gauntlets	Pair	Yes/No
No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.57	Safety Boots	3 Pairs	Yes/No
3.58	Screw Driver, Flat, Small	1	Yes/No
3.59	Screw Driver, Flat, Large	1	Yes/No
3.60	Screw Driver, Flat, Medium	1	Yes/No
3.61	Screw Driver, Star, Small	1	Yes/No
3.62	Screw Driver, Star, Medium	1	Yes/No
3.63	Screw Driver, Star, Large	1	Yes/No
3.64	Shifting Spanner 250 mm	1	Yes/No
3.65	Shifting Spanner 300 mm	1	Yes/No
3.66	Shifting Spanner 200 mm	1	Yes/No
3.67	Side Cutters	1	Yes/No
3.68	Slashers	2	Yes/No
3.69	Socket Spanners	Set	Yes/No

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
3.70	Shovel	1	Yes/No

3.71	Spirit Level	1	Yes/No
3.72	Steel Slings	2	Yes/No
3.73	Tin Snips	1	Yes/No
3.74	Tool Box	1	Yes/No
3.75	Torch	1	Yes/No
3.76	Torque Wrench	1	Yes/No
3.77	Traffic Control Signage	Set	Yes/No
3.78	Trowel	1	Yes/No
3.79	Vacuum Cleaner - Industrial	1	Yes/No
3.80	Vice Grips	1	Yes/No
3.81	Wire Brush	1	Yes/No

*Delete which is not applicable

BIDDING COMPANY: _____

NAME: _____

SIGNATURE: _____

CAPACITY OF SIGNATORY: _____

DATE: _____

SCHEDULE B 4: TOOLS, EQUIPMENT AND PLANT - SWITCHING OPERATORS CREW

This schedule shall be completed, signed and returned with bid documents of which it forms part.

No	Technical Details of Tools/Equipment	Msunduzi Electricity's Requirement/ Quantity	*Bidder's Offer
1.	Portable Earthing Device	1	Yes/No
1.	Operating Stick	1	Yes/No
3.	Line earths	1	Yes/No
4.	Phasing sticks	1	Yes/No
5.	11KV switching suit	1	Yes/No
6.	132KV switching suit	1	Yes/No
7.	Proximity tester	1	Yes/No
8.	Phase rotation	1	Yes/No
9.	Phase comparator	1	Yes/No

NOTE: The portable radios for communication will be issued to each operator by the municipality and shall be returned in good condition upon request by the municipality.

*Delete which is not applicable

BIDDING COMPANY: _____

NAME: _____

SIGNATURE: _____

CAPACITY OF SIGNATORY: _____

DATE: _____

SCHEDULE C1: SUPERINTENDENT

In terms of Clause 34 of the Special Conditions of Contract, the Bidder intends using the following person as a Superintendent should he/she be awarded the Contract:

SUPERINTENDENT		
Full Name:	I.D No:	
Qualification/s and year completed:		
Designation within your company:		
Office telephone number:		
Cell phone number:		
Have you completed Pietermaritzburg Electricity's Safety Rules Course?	YES	NO
Number of years of experience in a supervisory capacity:		
Details of the previous company for whom you did work for as a Superintendent/Supervisor		
Company:	Year performed:	
Contact person:	Telephone number:	
Detail further relevant experiences and responsibilities that qualify you as a Superintendent:		

NAME OF BIDDER: _____

SIGNATURE: _____

DATE: _____

SCHEDULE C2 UGM ELECTRICIAN

In terms of the Special Conditions of Contract, the Bidder intends using the following person as a UGM Electrician should he/she be awarded the Contract:

UGM ELECTRICIAN		
Full Name:		I.D. No:
Qualification/s and year completed:		
Designation within your company:		
Office telephone number:		
Cell phone number:		
Have you completed Pietermaritzburg Electricity's Safety Rules Course?	YES	NO
Number of years of experience as a UGM Electrician:		
Details of the company for whom you did work for as a UGM Electrician		
Company:		Year performed:
Contact person:	Telephone number:	
Registered Wiremans License Number:		
Detail further relevant experiences and responsibilities that qualify you as a UGM Electrician		

NAME OF BIDDER: _____

SIGNATURE: _____

DATE: _____

SCHEDULE C3 OHM ELECTRICIAN

In terms of the Special Conditions of Contract, the Bidder intends using the following person as a OHM Electrician should he/she be awarded the Contract:

[illegible]

NAME OF BIDDER: _____

SIGNATURE: _____

DATE: _____

SCHEDULE C4: SUBSTATION ELECTRICIAN

In terms of the Special Conditions of Contract, the Bidder intends using the following person as a substation Electrician should he/she be awarded the Contract:

[illegible]

NAME OF BIDDER:

SIGNATURE: _____

DATE: _____

SCHEDULE C5: SWITCHING OPERATOR

In terms of the Special Conditions of Contract, the Bidder intends using the following person as a Switching Operator should he/she be awarded the Contract:

[illegible]

NAME OF BIDDER:

SIGNATURE: _____

DATE: _____

SCHEDULE D1: CONTRACTOR'S HEALTH AND SAFETY DECLARATION

In terms of Clause 4(4) of the OHSA 1993 Construction Regulations 2003 (referred to as "the Regulations" hereafter), a Contractor may only be appointed to perform construction work if the Employer is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act No 85 of 1993 and the OHSA 1993 Construction Regulations 2003.

To that effect a person duly authorised by the Tenderer must complete and sign the declaration hereafter in detail.

Declaration by Tenderer

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the OHSA 1993 Construction Regulations 2003.
2. I hereby declare that my company has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Employer's Health and Safety Specifications.
3. I propose to achieve compliance with the Regulations by one of the following:
 - a) From my own competent resources as detailed in 4(a) hereafter:
.....YES / NO
 - b) From my own resources still to be appointed or trained until competency is achieved, as detailed in 4(b) hereafter:
YES / NO
 - c) From outside sources by appointment of competent specialist subcontractors as detailed in 4(c) hereafter:
.....YES / NO

(* = delete whatever is not applicable)

4. Details of resources proposed:

(Note: Competent resources shall include safety personnel such as a construction supervisor and construction safety officer as defined in Regulation 6, and competent persons as defined in the OHSA 1993 Construction Regulations 2003, as applicable to this contract)

1. Details of the competent and qualified key persons from my company's own resources, who will form part of the contract team:

NAMES OF COMPETENT PERSONS	POSITIONS TO BE FILLED BY COMPETENT PERSONS

2. Details of training of persons from my company's own resources (or to be hired) who still have to be trained to achieve the necessary competency:

(i) By whom will training be provided?

.....

(ii) When will training be undertaken?.....

(iii) List the positions to be filled by persons to be trained or hired:.....

.....

.....

3. Details of competent resources to be appointed as subcontractors if competent persons cannot be supplied from own company:

Name of proposed subcontractor:

.....

Qualifications or details of competency of the subcontractor:

.....

5. I hereby undertake, if my tender is accepted, to provide, before commencement of the works under the contract, a suitable and sufficiently documented Health and Safety Plan in accordance with Regulation 5(1) of the Construction Regulations, which plan shall be subject to approval by the Employer.
6. I confirm that copies of my company's approved Health and Safety Plan, the Employer's Safety Specifications as well as the OHS 1993 Construction Regulations 2003 will be provided on site and will at all times be available for inspection by the Contractor's personnel, the Employer's personnel, the Engineer, visitors, and officials and inspectors of the Department of Labour.
7. I hereby confirm that adequate provision has been made in my tendered rates and prices in the schedule of quantities to cover the cost of all resources, actions, training and all health and safety measures envisaged in the OHS 1993 Construction Regulations 2003, and that I will be liable for any penalties that may be applied in terms of the said Regulations (Regulation 30) for failure on the Contractor's part to comply with the provisions of the Act and the Regulations.
8. I agree that my failure to complete and execute this declaration to the satisfaction of the Employer will mean that I am unable to comply with the requirements of the OHS 1993 Construction Regulations 2003, and accept that my tender will be prejudiced and may be rejected at the discretion of the Employer.

SIGNATURE:DATE.....

SCHEDULE D2: HEALTH AND SAFETY PLAN IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993)

It is a requirement of this Contract, that a Health & Safety Plan, in accordance with Pietermaritzburg Electricity's Safety Rules and the Occupational Health and Safety Act (ACT 85 OF 1993) as amended, be submitted with This Bid. The Health & Safety Plan shall provide for the procedures and equipment necessary to undertake the scope of work specified in Bid document, in all aspects.

The Contractor shall provide and demonstrate to the Council a suitable and sufficiently documented health and safety plan, which will be applied from the date of commencement and for the duration of the construction work.

A copy of Health and Safety plan must always be available upon request by the inspector, Msunduzi's Electricity Head or his representative. A specific project health and safety plan will be required when a contractor is issued with a project.

NAME OF BIDDER: _____

SIGNATURE : _____

DATE: _____

SCHEDULE D3: AGREEMENT IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT No 85 OF 1993

THIS AGREEMENT is made between **Msunduzi Municipality** (hereinafter called the EMPLOYER) of the one part, herein represented by:

.....

in his capacity as:.....

AND:.....

(herein after called the CONTRACTOR) of the other part, herein represented

by.....

in his capacity as:.....

duly authorised to sign on behalf of the Contractor.

WHEREAS the CONTRACTOR is the Mandatory of the EMPLOYER in consequence of an agreement between the CONTRACTOR and the EMPLOYER in respect of:

Contract No: E37 of 2024

the EMPLOYER and the CONTRACTOR have agreed to enter into an Agreement in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No 85 of 1993, as amended by OHS Act Amendment Act No 181/1993 (hereinafter referred to as the ACT);

NOW THEREFORE the parties agree as follows:

1. The CONTRACTOR undertakes to acquaint the appropriate officials and employees of the CONTRACTOR with all relevant provisions of the ACT and the regulations promulgated in terms thereof.
2. The CONTRACTOR undertakes to fully comply with all relevant duties, obligations and prohibitions imposed in terms of the ACT and Regulations: Provided that should the EMPLOYER have prescribed certain arrangements and procedures that same shall be observed and adhered to by the CONTRACTOR, his officials and employees. The CONTRACTOR shall bear the onus of acquainting himself/herself/itself with such arrangements and procedures.
3. The CONTRACTOR hereby accepts sole liability for such due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures, if any, imposed by the ACT and Regulations, and the CONTRACTOR expressly absolves the EMPLOYER from being obliged to comply with any of the aforesaid duties, obligations, prohibitions, arrangements and procedures in respect of the work included in the contract.
4. The CONTRACTOR agrees that any duly authorised officials of the EMPLOYER shall be entitled, although not obliged, to take such steps as may be necessary to ensure that the CONTRACTOR has complied with his undertakings as more fully set out in paragraphs 1 and 2 above, which steps may include, but shall not be limited to, the right

to inspect any appropriate site or premises occupied by the CONTRACTOR, or to take such steps the EMPLOYER may deem necessary to remedy the default of the CONTRACTOR at the cost of the CONTRACTOR.

5. The CONTRACTOR shall be obliged to report forthwith to the EMPLOYER any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the ACT and Regulations, pursuant to work performed in terms of this agreement, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge.

Thus signed at for and on behalf of the

CONTRACTOR on this the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES:1.....

2.....

Thus signed at for and on behalf of the **EMPLOYER**

on this the day of 20.....

SIGNATURE:

NAME AND SURNAME:

CAPACITY:

WITNESSES: 1.....

2.....

**NOTE: SCHEDULE D3 MUST BE COMPLETED BY EACH BIDDER & THE CITY
MANAGER OF MSUNDUZI MUNICIPALITY UPON RECEIVING PROVISIONAL AWARD.**

SCHEDULE D4: RISK ASSESSMENT

I hereby undertake, if my tender is accepted, to provide, before commencement of the works under the contract, a Pre-Task Risk Assessment in accordance with Regulation 7 of the Construction Regulations, 2003. It states that; Every contractor performing construction work shall before the commencement of any construction work and during construction work, cause a risk assessment to be performed by a competent person appointed in writing and the risk assessment shall form part of the health and safety plan to be applied on the site and shall include at least-

- (a) The identification of the risks and hazards to which persons may be exposed to;
- (b) The analysis and evaluation of the risks and hazards identified;
- (c) A documented plan of safe work procedures to mitigate, reduce or control the risks and hazards that have been identified;
- (d) A monitoring plan; and
- (e) A review plan

The contractor shall ensure that a copy of the risk assessment is available on each and every site for inspection.

