

Acceptance of rates

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

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

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

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

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

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

ACCEPTANCE OF RATES

Company Name:

Representative Name:

Signature:

Rates accepted:
(indicate YES or NO)