



BILL OF QUANTITY AND PROJECT SPECIFICATION

TRACTION LINESMAN TOOLS FOR GAUTENG NORTH AND SOUTH



1. INTRODUCTION

The purpose of this project is to procure a service provider for the supply and delivery of Traction Lineman tools to support operational requirements.

2. DESCRIPTION OF WORKS/SCOPE OF WORKS

The scope of work entails the appointment of a qualified service provider for the supply and delivery of Traction Lineman tools required for maintenance, repair, and emergency response activities within the Traction network.

The appointed service provider will be responsible for:

- Supplying new, high-quality Traction Lineman tools that comply with relevant industry standards and safety requirements.
- Ensuring all tools are suitable for use on overhead traction equipment (OHTE) and related electrical infrastructure.
- Delivering the tools to the designated site(s) within the agreed timeframe.
- Replacing any defective or damaged items identified upon delivery.

The tools will support routine maintenance, fault finding, installations, and emergency restoration work to ensure the safe and reliable operation of the traction power network. The appointed Contractor shall be responsible for the following:

2.1 Gauteng North List of Tools and quantities

Item	TOOL DISCRIPTION	Quantity	Yes/No	Comment
1	92 Piece 1/2 and 1/4 Inch Socket Set			
2	27 Pieces D19 -TMZ Socket Set	15		
3	13 Pieces C19 HMZ Socket set 1/2 Inch	15		
4	Socket 17MM Type 19L	15		
5	Socket 19MM Type 19L	15		
6	Socket 21MM Type 19L	15		
7	1/2 INCH REVERSABLE Ratchet	15		
8	Extension 125MM	15		
9	Spanner Shifting 200mm	15		
10	Spanner Shifting 200mm	15		
11	Spanner Shifting 300mm	15		
12	Spanner Shifting 300mm	15		
13	Spanner Combination Type 1B 13mm	15		
14	Spanner Combination Type 1B 15mm	15		
15	Spanner Combination Type 1B 16mm	15		
16	Spanner Combination Type 1B 17mm	15		
17	Spanner Combination Type 1B 19mm	15		
18	Spanner Combination Type 1B 21mm	15		
19	Spanner Combination Type 1B 22mm	15		
20	Spanner Combination Type 1B 24mm	15		
21	Spanner Combination Type 1B 26mm	15		
22	Spanner Combination Type 1B 28mm	15		



23	Spanner Combination Type 1B 30mm	15		
24	Spanner Combination Type 1B 32mm	15		
25	Screwdriver Mechanical Flat 10 x 250mm	15		
26	Spanner Ring Set 12X13 MM	15		
27	Spanner Ring Set 14X15 MM	15		
28	Spanner Ring Set 16X17 MM	15		
29	Spanner Ring Set 19X24 MM	15		
30	Spanner Ring Set 24X26 MM	15		
31	Spanner Ring Set 25X28 MM	15		
32	Spanner Ring Set 28X30 MM	15		
33	Spanner Ring Set 30X32 MM	15		
34	17-19 Double socket wrench ratchet	15		
35	17-19 Double socket wrench ratchet	15		
36	30-33 Double socket wrench ratchet	15		
37	Pliers Combination Insulated 200mm VDE 1000	15		
38	Pliers Vice Grip	15		
39	Hammer Ball Pein 900G Fiber Glass Handle	15		
40	Hammer Club 1.8Kg with Wooden Handle	15		
41	Chisel cold flat 25mm	15		
42	Tommy Bar 600mm	15		
43	Bolt Cutter 450mm	15		
44	Hacksaw Large Square Frame	15		
45	Hammer Copper Mallet 1.4kg with plastic handle	15		
46	File Round Bastard 300mm	15		
47	File Flat Bastard 300mm	15		
48	File Brush	15		
49	Hammer Fiber Glass Handle 2kg	15		
50	Lantern LED Spotlight Rechargeable with warning light cover	15		
51	Wrench Torque 25-B134:N134135Nm	15		
52	Measure Tape 30M non-conductive	15		
53	Kink Block	15		
54	Boom Plate	15		
55	Feeder hook	15		
56	Wire Grips for copper wire 2Ton (500mm - 800mm)	15		
57	Contact Twister	15		
58	Stilson Wrench 350mm	15		
59	1.5-ton lever operated chain hoist with a 3-meter-long chain	15		
60	18-volt battery powered grinder 115mm	15		
61	Heavy duty bolt cutter 450mm	15		
62	Portable Electrical Monitoring Device Field Measurement & Recording Device Electrical Inspection Support Device Portable Site Diagnostic Tool	5		
63	Toolbox, 5 tier, heavy duty: 5 Compartment sheet metal box with riveted joints Strong structure, smooth and easy opening and closing Maximum access to bottom tray Lockable, phosphate and powder coated to prevent corrosion L=460 x W=248 x H=220mm.	15		
64	Tool bag (D=340mm X H=265mm X W=495mm)	15		
65	MICROMETER OUTSIDE 0-25MM FB - 0.01MM GRADUATION (METRIC)	15		
66	Allen key set (hexagon socket key set): 1.5-10MM L/S FB - 9PC - LONG - CRV - SATIN	15		
67	Knife Stanley with retractable blade	15		



2.2 Gauteng South list of Tools and quantities

Item	TOOL DISCRIPTION	Quantity	Yes/No	Comment
1	92 Piece 1/2 and 1/4 Inch Socket Set	15		
2	27 Pieces D19 -TMZ Socket Set	15		
3	13 Pieces C19 HMZ Socket set 1/2 Inch	15		
4	Socket 17MM Type 19L	15		
5	Socket 19MM Type 19L	15		
6	Socket 21MM Type 19L	15		
7	1/2 INCH REVERSABLE Ratchet	15		
8	Extension 125MM	15		
9	Spanner Shifting 200mm	15		
10	Spanner Shifting 200mm	15		
11	Spanner Shifting 300mm	15		
12	Spanner Shifting 300mm	15		
13	Spanner Combination Type 1B 13mm	15		
14	Spanner Combination Type 1B 15mm	15		
15	Spanner Combination Type 1B 16mm	15		
16	Spanner Combination Type 1B 17mm	15		
17	Spanner Combination Type 1B 19mm	15		
18	Spanner Combination Type 1B 21mm	15		
19	Spanner Combination Type 1B 22mm	15		
20	Spanner Combination Type 1B 24mm	15		
21	Spanner Combination Type 1B 26mm	15		
22	Spanner Combination Type 1B 28mm	15		
23	Spanner Combination Type 1B 30mm	15		
24	Spanner Combination Type 1B 32mm	15		
25	Screwdriver Mechanical Flat 10 x 250mm	15		
26	Spanner Ring Set 12X13 MM	15		
27	Spanner Ring Set 14X15 MM	15		
28	Spanner Ring Set 16X17 MM	15		
29	Spanner Ring Set 19X24 MM	15		
30	Spanner Ring Set 24X26 MM	15		
31	Spanner Ring Set 25X28 MM	15		
32	Spanner Ring Set 28X30 MM	15		
33	Spanner Ring Set 30X32 MM	15		
34	17-19 Double socket wrench ratchet	15		
35	17-19 Double socket wrench ratchet	15		
36	30-33 Double socket wrench ratchet	15		
37	Pliers Combination Insulated 200mm VDE 1000	15		
38	Pliers Vice Grip	15		
39	Hammer Ball Pein 900G Fiber Glass Handle	15		



40	Hammer Club 1.8Kg with Wooden Handle	15		
41	Chisel cold flat 25mm	15		
42	Tommy Bar 600mm	15		
43	Bolt Cutter 450mm	15		
44	Hacksaw Large Square Frame	15		
45	Hammer Copper Mallet 1.4kg with plastic handle	15		
46	File Round Bastard 300mm	15		
47	File Flat Bastard 300mm	15		
48	File Brush	15		
49	Hammer Fiber Glass Handle 2kg	15		
49	Lantern LED Spotlight Rechargeable with warning light cover	15		
50	Wrench Torque 25-B134:N134135Nm	15		
51	Measure Tape 30M non-conductive	15		
52	Kink Block	15		
53	Boom Plate	15		
54	Feeder hook	15		
55	Wire Grips for copper wire 2Ton	15		
56	Contact Twister	15		
57	Stilson Wrench 350mm	15		
58	1.5-ton lever operated chain hoist with a 3-meter-long chain	15		
59	18-volt battery powered grinder 115mm	15		
60	Heavy duty bolt cutter (36 inch)	15		
61	Toolbox, 5 tiers, heavy duty: 5 Compartment sheet metal box with riveted joints Strong structure, smooth and easy opening and closing Maximum access to bottom tray Lockable, phosphate and powder coated to prevent corrosion L=460 x W=248 x H=220mm.	15		



62	Tool bag (D=340mm X H=265mm X W=495mm)	15		
63	MICROMETER OUTSIDE 0-25MM FB - 0.01MM GRADUATION (METRIC)	15		
64	Allen key set (hexagon socket key set): 1.5-10MM L/S FB - 9PC - LONG - CRV - SATIN	15		
65	Knife Stanley with retractable blade	15		

3. **DURATION**

4. The contract period shall be one (1) month commencing from the date of award, defined as the date on which the successful Tenderer formally acknowledges receipt of the Letter of Award.

5. **GUARANTEE**

4.1 PRASA shall be formally informed prior to delivery.

4.2 The material/equipment shall be subject to a guarantee period of twelve (12) months. The guarantee period shall commence on the date the material/equipment is formally handed over to and accepted by PRASA.

4.3 Any defects that become apparent during the guarantee period shall be rectified to the satisfaction of PRASA at no additional cost to PRASA.

4.4 Should the Contractor fail to comply with the above requirements, PRASA reserves the right to replace the defective material/equipment. The Contractor shall reimburse PRASA for the full cost incurred in replacing such material/equipment

5. **TENDERING PROCEDURE (EVALUATION)**

5.1 For all quoted items, bidders must indicate their compliance by ticking 'Yes' or 'No' in the space provided

5.2 All equipment offered must be accompanied by a minimum guarantee period of twelve (12) months. The written guaranteed policy must be submitted at the closing of the RFQ.

5.3 Bidders must submit one (1) reference letters on the client's letterhead, confirming successful completion of supply and delivery of traction linesman tools within the past 3 years. Each reference letter must indicate description of items relating to traction linesman tools, Client name and contact details (i.e. email and office number).

PRASA reserves the right to verify the submitted reference letters.



6. **PENALTY**

If the Contractor fails to complete delivery on or before the stipulated completion date, PRASA reserves the right to impose a penalty of R5,000.00 per week, or part thereof, for each week of delay until final delivery is completed

DELIVERY

The Traction Linesman tools shall be delivered as follows:

- Pretoria North PRASA Electrical Depot [320 Transnet Avenue, Capital Park, Pretoria ,0084]
- Gauteng South Roodepoort PRASA Electrical Depot [No. 3 Spoorweg road, Roodepoort

7. **BILL OF QUANTITIES**

Item	Description	Qty	Rate	Total
1	92 Piece 1/2 and 1/4 Inch Socket Set	30		
2	27 Pieces D19 -TMZ Socket Set	30		
3	13 Pieces C19 HMZ Socket set 1/2 Inch	30		
4	Socket 17MM Type 19L	30		
5	Socket 19MM Type 19L	30		
6	Socket 21MM Type 19L	30		
7	1/2 INCH REVERSABLE Ratchet	30		
8	Extension 125MM	30		
9	Spanner Shifting 200mm	30		
10	Spanner Shifting 200mm	30		
11	Spanner Shifting 300mm	30		
12	Spanner Shifting 300mm	30		
13	Spanner Combination Type 1B 13mm	30		
14	Spanner Combination Type 1B 15mm	30		
15	Spanner Combination Type 1B 16mm	30		
16	Spanner Combination Type 1B 17mm	30		
17	Spanner Combination Type 1B 19mm	30		
18	Spanner Combination Type 1B 21mm	30		
19	Spanner Combination Type 1B 22mm	30		
20	Spanner Combination Type 1B 24mm	30		
21	Spanner Combination Type 1B 26mm	30		
22	Spanner Combination Type 1B 28mm	30		
23	Spanner Combination Type 1B 30mm	30		
24	Spanner Combination Type 1B 32mm	30		



25	Screwdriver Mechanical Flat 10 x 250mm	30		
26	Spanner Ring Set 12X13 MM	30		
27	Spanner Ring Set 14X15 MM	30		
28	Spanner Ring Set 16X17 MM	30		
29	Spanner Ring Set 19X24 MM	30		
30	Spanner Ring Set 24X26 MM	30		
31	Spanner Ring Set 25X28 MM	30		
32	Spanner Ring Set 28X30 MM	30		
33	Spanner Ring Set 30X32 MM	30		
34	17-19 Double socket wrench ratchet	30		
35	17-19 Double socket wrench ratchet	30		
36	30-33 Double socket wrench ratchet	30		
37	Pliers Combination Insulated 200mm VDE 1000	30		
38	Pliers Vice Grip	30		
39	Hammer Ball Pein 900G Fibre Glass Handle	30		
40	Hammer Club 1.8Kg with Wooden Handle	30		
41	Chisel cold flat 25mm	30		
42	Tommy bar 600mm	30		
43	Bolt Cutter 450mm	30		
44	Hacksaw Large Square Frame	30		
45	Hammer Copper Mallet 1.4kg With plastic handle	30		
46	File Round Bastard 300mm	30		
47	File Flat Bastard 300mm	30		
48	File Brush	30		
49	Hammer Fibre Glass Handle 2kg	30		
50	Lantern LED Spotlight Rechargeable with warning light cover	30		
51	Wrench Torque 25-B134:N134135Nm	30		
52	Measure Tape 30M non-conductive	30		
53	Kink Block	30		
54	Boom Plate	30		
55	Feeder hook	30		
56	Wire Grips for copper wire 2Ton (500mm-800mm)	30		
57	Contact Twister	30		
58	Stilson Wrench 350mm	30		
59	1.5-ton lever operated chain hoist with a 3-meter-long chain	30		
60	18-volt battery powered grinder 115mm	30		
61	Heavy duty bolt cutter 450mm	30		
62	Portable Electrical Monitoring Device Field Measurement & Recording Device Electrical Inspection Support Device	5		



	Portable Site Diagnostic Tool			
63	Toolbox, 5 tiers, heavy duty: 5 Compartment metal sheet box with riveted joints Strong structure, smooth and easy opening and closing Maximum access to bottom tray Lockable, phosphate and powder coated to prevent corrosion L=460 x W=248 x H=220mm.	30		
64	Tool bag (D=340mm X H=265mm X W=495mm)	30		
65	MICROMETER OUTSIDE 0- 25MM FB - 0.01MM GRADUATION (METRIC)	30		
66	Allen key set (hexagon socket key set): 1.5-10MM L/S FB - 9PC - LONG - CRV - SATIN	30		
67	Knife Stanley with retractable blade	30		
Total (Exc.)				
VAT (15%)				
Total				

Name: MB Sibiya
Sap:20027399
Project Co-ordinator

Done

End