



ALIWAL NORTH ENGINEERING CAMPUS:

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SPECIFICATION FOR HAND TOOLS, SPECIAL TOOLS, MEASURING EQUIPMENT, AND MACHINERY FOR MILLWRIGHT OCCUPATIONAL PROGRAMME. NB! THE SUPPLIER MUST DELIVER, INSTALL, AND TEST MACHINERY AND EQUIPMENT ON DELIVERY

ITEM NUMBER	DESCRIPTION	SIZE	QUANTITY
1	Hacksaw Tension Frame	300mm	15
2	Cable Knife	Stanley	15
3	Combination Pliers	200mm	15
4	Crimper Hand Tool	2-16mm	4
5	Cutter Diagonal	200mm	15
6	Set File, Bastard, Second Cut and Smooth	300mm	15
7	Flat File	200mm	15
8	Round File	300mm	3
9	Half Round	300mm	3
10	Set Screw Driver (Insulated-6 piece)	1000V	15
11	Tube Spanner (8 & 10)	8&10	15
12	Combination Spanner Set	6-13mm	3
13	Water Pump Pliers	300mm	15
14	Centre Punch	100mm	15
15	Shifting Spanner	200mm	15
16	Wire Stripper	215mm	15
17	Scriber	250mm	15
18	Pliers Long Nose	180mm	15
19	File Brush	270mm	3

20	Ball Pein Hammer	200g	15
21	Ball Pein Hammer	700g	15
22	Prick Punch	4.0 x100mm	15
23	Tap Wrench	M2-M12	3
24	Set of Combination Spanners	6mm-22mm	15
25	Allen Key Set- Metric	15 Piece, L Shape	15
26	Allen Key Set- Imperial	15 Piece, L Shape	15
27	Water Pipe Wrench	350mm	15
28	Mallet Hammer	900g	3
29	Inside Circlip Pliers	230mm	5
30	Outside Circlip Pliers	230mm	5
31	Spring Bender	20mm	3
32	Pipe Bender	20mm	3
33	Reamer Set For Metal	3mm-12mm	3
34	Fishtape Steel	30mm	3
35	Solder Iron Kit	60W	15
36	Electric Solder Sucker/ Solder Wick	30W, 1.0 &1.2mm Nozzles	15
37	Function Generator/Power Supply 1HZ-500KHZ	125 x 80 x32mm	3
38	Straight Edge	64 x 18mm 4.0m	2
39	Combination Set	300mm	2
40	Bearing Puller	200mm	2
41	C-Spanner	280mm Chrome Vanadium Steel	2
42	Thread File	8 Metric, 0.75, 1, 1.25, 1.75, 2, 2.25, 3mm	2
43	De-Burring Tool	10 Extra Blades	2
44	Tape Measure	3m	15
45	Spirit Level	1000mm	3
46	Combination Set Square Steel	300mm	3
47	Steel Ruler	1000mm	15

48	Tong Tester	Major Tech 1000A AC/DC (MT775)	3
49	Meter Insulation Tester	Fluke 1507	3
50	Multimeter Digital	600V Palm Size Digital Mulimeter	15
51	Earth Leakage Tester (Three Phase)	250Ma Earth Leakege	1
52	Earth Leakage Tester (Single Phase)	Single Phase	1
53	Capacitance Meter	Capacitors from 200Pf to 20Mf	3
54	Loop Tester	15Ma	1
55	Oscilloscope	100MHZ (Record up to 1000 frames)	3
56	Vernier Calipers	200mm	15
57	Drill Electrical (Portable)	18V	1
58	Bench Grinder	250mm	1
59	Jigsaw	500W	1
60	Angle Grinder	710W	1
61	Bearing Induction Heater	230V 300mm 20mm	1
62	Bearing Puller	100mm	1
63	Pedestal Drill	16mm 380V 1.1KV (B32)	1
64	Hydraulic Press Puller	10 Ton Hydraulic Puller Kit	1
65	Centrifugal Pump (Single Stage)	230V 2.2Kw/3HP	2
66	Centrifugal Pump (Multi Stage)	380V 1.5Kw	2
67	Induction Heater	1000W	2
68	Dial Tester Indicator with Magnet Stand	0.1 Inch	2
69	Coupling Flexible Min F50	F50	2

70	Steel 1.8-2m Heavy Duty Workbench with vice mounted on it	4.5 Quality Mild steel plate folded and reinforced underneath with U channels to form 40mm thick worktop epoxy powder coated in RAL 5002. 2x EV 150 Engineering vice 150mm all steel are also fitted	15
71	Hydraulic Training Unit with Components	900mm x 887mm	1
72	Pneumatic Training Unit with Components	1000mm x 1000mm	1
73	Gearbox	5 Speed	1
74	Electro Hydraulic Thruster Brake Unit	1000 x 1000mm	1
75	Bearing Unit	Bore Size 15-100mm	2
76	Gate, Diaphragm, non-return, pressure relief, butterfly valves	100mb	1
77	Arc Welding Machine	AC380V	2
78	Gas Welding Equipment	200Amp, 240V	1
79	Bench Vice	150mm	3
80	Pipe Vice	6 Inch	3

CHECKER FM W. T. D. W.

SIGNATURE 



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1. **This Tender estimated value**
2. **EVALUATIONS METHODOLOGY**
All bids received will be evaluated in the following phases:
 - **Phase 1: Responsive Criteria**
The minimum requirements that must be satisfied or met by prospective bidders in order to pass to the next stage of the evaluations are:
 - ▶ SARS Tax Pin
 - ▶ CSD Registration summary
 - ▶ Certified copy of CK or Registration Documents;
 - ▶ Original or Certified copy of BBBEE Certification or affidavit
 - ▶ Latest Municipal Account (to confirm address and existence of provider)
 - ▶ Complete all Standard Bids Documents (SBD);
 - **Phase 2: Functionality Criteria**
 - ▶ A panel will evaluate all tenders received on the functionality criteria as reflected. The best proposals will be identified, based on the scores allocated with regards to functionality. A bidder that scores less than sixty (70%) in respect of "functionality" will be regarded as non-responsive and will be disqualified.
 - ▶ For purposes of comparison and in order to ensure a meaningful evaluation, bidders are requested to furnish detailed information in substantiation of compliance to evaluation criteria.

Criteria	Weight
FINANCIAL STANDING: Audited Financial statements for the past 3 years.	10



	<p>EXPERIENCE: The bidder must have performed or being appointed to do similar projects. Written signed contactable testimonials of completed projects.</p> <p>5 reference letters = 50 points 4 reference letters = 40 points 3 reference letters = 30 points 2 reference letters = 20 points 1 reference letters = 10 No letter submitted = 0 points 10 points for each letter submitted. Submission of fraudulent letters will tantamount to disqualification.</p>	50
	<p>METHODOLOGY: The bidder to submit a detailed proposal on the bidder to submit a detailed proposal catering methods of and timeframes for ordering procedures, delivery procedures, returns procedure, logistical arrangements, time lines, suppliers and project management, and how to control these activities involved and do oversight</p>	40
	TOTAL	100