



Project Name	Name of Package	Location
Project: Re-Construction of Woolen Metal Centre Miranshah District North Waziristan	1. Electrician Shop 2. Welding Shop 3. Metal Shop 4. Machine Shop 5. Waving & Carpet Shop	Govt. Woolen Metal Center Miranshah, North Waziristan



List Equipment's for Govt. Woollen Metal Center Miranshah

(I). LIST OF EQUIPMENT FOR ELECTRICIAN TRADE

S.No.	Description	Qty
1.	Drill machine electric portable ½” 230V, Universal type imported	04
2.	Drill Machine Electric table mounted type with stand and vice 2150V, AC ½” capacity.	02
3.	Grinder 250V, single phase 8” heavy duty ball bearing type with pedestal	03
4.	Transformer current 1 to 5 ratio 20 amp imported	03
5.	Transformer potential 450 V/110V imported	01
6.	Armature test growler to operate on AC 250V, single phase 50cycle supply used to detect earth open circuit short circuit reserved connection. Incorrect earth open circuit short circuit reserved connection. Incorrect turns and coil spacing equivalent.	02
7.	Battery charger metal rectifier with ampere meter 6 amps 12 V to operate on 220 V, AC single phase 50 cycle supply.	02
8.	L.B.H.T compound wound motor DC 250V, 1500 RPM complete with starter and main switch having over load and no load release coil imported.	01
9.	Electric motor AC Repulsion type 1 hp 230 V, single phase 1450 rpm 50 cycle imported.	03
10.	Electric motor AC Induction type 1 hp 230 V, single phase 50 cycle. Squirrel cage.	03
11.	Electric Motor AC Induction capacitor type ¾HP 230V, single phase 50 cycle.	03
12.	Electric motor AC Induction type squirrel cage ¾ hp 230 V, three phase 1500 rpm 50 cycle, complete with star delta starter and main switch.	02
13.	Universal Motor AC/DC 250V, ½ HP AC 50Cycle single phase supply imported	01
14.	Direct on starter for single phase AC motor 250 V, 50 cycle.	03
15.	Motor Generator set consisting of 5 HP 3 phase 400V, 50 Cycle AC compound would generator 250V, 3KW approx. complete with starter and main switch having overload and on voltage release should be mounted on the same bed plate imported	1
16.	Step down transformer 3 phase 4 wire primary delta connected secondary 220/110 cycle volts star Delta connected 3 phase 4 wire 1KW	1
17.	Tachometer multiple range 0-10000rpmn to measure rpm direct on shaft imported	01
18.	Conduit benging machine for conduit pipe size 5/8 “ to 2” imported	01
19.	Step down transformer single phase primary 250 volt, 50 cycle secondary 110V, 1 kW	1
20.	Pliers Electrician Diagonal cutting 8” long and 6” long imported	10
21.	Pliers Electrician Diagonal cutting 10” long imported	15
22.	Plier long nose round 6” long	10
23.	Plier flat nose 6” long	10
24.	Plier side cutting 6” long	10
25.	Screw drivers Philips type 8”	10
26.	Screw drivers Philips type 4”	10
27.	Screw drivers watch man sets	10
28.	Pokers 8” blade	10
29.	Chisel plane socket wood width ¼”	10
30.	Chisel wood width ½”	10
31.	Chisel width ¾”	10
32.	Chisel width 1”	10
33.	Centre punches set (Number 0-9)	1 set
34.	Centre punches	1 set
35.	Hammer ball pein ½ lb	10
36.	Hammer ball pein 1 lbs	10
37.	Hammer Ball pein 2 lbs	10
38.	Hammer sledge 10 lbs.	2
39.	Hammer carometer (Nail hammer)1 lb	3
40.	Drill twister 1 to 60 hss straight shank imported	1 set
41.	Drill twist fractional HSS 1 16”, 1/2” imported	1set
42.	Electric/hand drill machine 220V, 50Hz ½ “ imported	5 sets



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43.	Drill pedestal type heavy duty, 220V, 50Hz, 3/4"	1
44.	Packet bit brace 10": sweep with handle imported	3
45.	File regular mill 8" bastered with handle imported	12
46.	File regular mill 8" smooth, with handle imported	12
47.	File half round 10": bastered, with handle imported	10
48.	File half round 6" smooth, with handle imported	10
49.	File round 6" bastered, with handle imported	10
50.	File round 12" bastered, with handle imported	6
51.	File triangular 6" with plastic handle, imported	6
52.	File knife type 6" with plastic handle, imported	6
53.	File rasp 8" with plastic handle, imported.	10
54.	Watchman files sets complete	1
55.	Hacksaw frames adjustable	12
56.	Hacksaw blades 24 teeth /inch	10doz
57.	Hacksaw blades 32 teeth/inch	10doz
58.	Scissors pair 10"	2
59.	Scissors pair 4"	2
60.	Tin snip shear 10"	2
61.	Saw wooden compass saw 12"	20
62.	Saw key hole 10"	10
63.	Saw tenon 2"	20
64.	Saw sets 6"	5
65.	Plumb Bob 2 oz. brass	10
66.	Gauge British standard wire upto 450 WG imported	02
67.	Gauge wire American imported	2
68.	Scales steel rules 12" imported	10
69.	Scales steel rules 6" imported	10
70.	Seasecarlanter 2footrule (folding foot rule 2m)	10
71.	Physical balance with weight in lbs.	1
72.	Met measuring tape100ft	1
73.	Can oil 1/2 liter capacity imported	4
74.	Grease Gun, imported	2
75.	Die set conduit 1/2" to 2"	2
76.	Tap set complete with die sets	2
77.	Vice bench 4" jaw width.	05
78.	Vice pipe 4"	4
79.	Plane jack smooth plane with 2 cutters	3
80.	Plane jack medium size	3
81.	Pincer pair 8"	2
82.	Gimlet 13" x 3/4"	6
83.	Gimlet 15"x3/4"	2
84.	Twizer watchman straight.	6
85.	Twizer watch bend type	6
86.	Pullers two legs 8"	07
87.	Pullers 3legs 12"	04
88.	Cutters pipe for conduit 2"	2set
89.	Spanner double ended sets 1/4" to 1"	2 set
90.	Spanner screw wrench 8"	2 pcs
91.	Spanner box 1/2" to 1" spanner set	1set
92.	Spanner pipe wrench 10"	6 each
93.	Soldering Iron Ordinary cap: bit 1", 220V 100Watt	10
94.	Soldering Iron Electric , 220V, 100W	6
95.	Soldering Iron electric 220V 300W	4
96.	Lamp blow medium size (complete)	4
97.	Tester phase pocket 220V current, impoted	10



98.	Hydrometer with temperature gauge(Acid capacity upto 1300)	6
99.	Battery tester high rate discharger 2V	2
100.	Watt Meter AC 0-1000W, imported	05
101.	Volt meter AC 0-500V imported.	05
102.	Ampere meter AC 0-20A	05
103.	Digital Logic Trainer complete	02
104.	Analog Trainer complete	02
Total		

(II) LIST OF EQUIPMENT FOR WELDING SHOP

S.NO.	DESCRIPTION	QTY
1)	Welding transformer single phase air cooled with complete leads and accessories.	2
2)	Power Hacksaw 14" with ½ HP motor	1
3)	Hand shearing machine 10" size	1
4)	Tip cleaner, set with attachment .	2
5)	Y-Outlet connections set.	16No.
6)	Welding cutting outfit complete set	1 No.
7)	Goggles clear frame , clear lens	20
8)	Wire brush .	50
9)	Oxygen manifold wall type complete with cylinder, regulator, fittings valves.	1
10)	Welding screen	6
11)	Spot Welding Machine, Portable type complete with all standard accessories.	1
12)	Drill Press, 380mm, floor model with regular equipment, motor ½ HP, 230 volt, single phase, capacitor type.	1
13)	Pedestal Grinder, Floor model, motor ½ HP with 8" wheel, safety guard.	2
14)	Hacksaw Blade for power hacksaw HSS with high tungsten contents 350cm long, 320cm wide x 1.6 mm thick	24
15)	Two cylinder hand trolley with 300mm rubber tyred wheels for acetylenes and Oxygen bottles	1
16)	Oxygen cylinder empty	1
17)	Acetylene cylinder empty	1
18)	Welding and cutting set including acetylene and oxygen regulator , cutters and welding sets , nozzles high pressure pipe , Lighter , goggles tip cleaner etc.	1
19)	Welding helmet	25
20)	Chipping Hammer	20
21)	Welding Gloves	25 pairs
22)	Welding Gas Generator	1
23)	Bench vice 5"	4
24)	Hacksaw frame	20
25)	Hacksaw blade single edge	60
26)	Hacksaw blade double edge	60
27)	Angle grinder 4 ½ " size	4
28)	Measuring tape 6 meter	10
29)	Try square 6", 8"	10
30)	Electric Hand Drill Machine ½ "	5
31)	3 Phase Welding Transformer , copper winding with standard accessories(POL)	1
32)	Power Hammer, 100 kgs capacity, 2 HP motor, 50Hz, 3 phase, tropicalized, complete with dyes, one set face dyes	1
33)	Anvil., 30 kg, solid steel best quality.	1
34)	Pipe cutter, 3mm to 50mm capacity one flat roller, two cutter wheels.	2



35)	Cutter wheels to fit 3mm to 50mm capacity pipe fitter.	6
36)	Pipe vice, 3mm to 100 mm capacity	2
37)	Sheet cutter,	5
38)	Gas welding table, 675mm x 475mmx 825mm top covered with fireproof bricks.	5
	Total	

(III) LIST OF EQUIPMENT FOR METAL WORK SHOP

S.No.	Name of Item	Quantity
1	Sheet bending machine 4 feet Pak or Good Quality Made	1
2	shear Machine 4 feet Pak or Good Quality Made	1
3	Sheet rolling machine 3 feet Pak or Good Quality Made	1
4	Power hack saw Machine 14" blade	1
5	Electric Drilling Machine (Bench Type) Capacity 1/2" (single phase) 1/2 HP 220/230V 50 cycles	1
6	Grinder single phase with grinding wheel 8" (Bench Type)	2
7	Working table size 3' x 8'	5
8	BENCH Vice or drilling vice 5"	12
9	Machine vice or drilling vice 4"	2
10	Electric Hand drill machine portable (light Duty)	1
11	Flat file bastard (double cut) 12"	25
12	Single cut File 12"	25
13	Round, half round, square, triangle file 12"	6 Each
14	Needle file set 6"	2
15	Hammers claw ball peen straight peen 1/2 pound each cross peen sledge	1 Each
16	Maliet /Plastic hammer	12
17	Tin cutter or snips	2
18	Hand vice 6"	2
19	Hand hack saw (fixed & adjustable frame	15
20	Hand hack saw blades D/edge 12"	5
21	Hollow Punch 6"	6
22	Center Punch 4"	6
23	Chisels cold cap round nose, flat diamound nose 6"	4 Each
24	Pin punch set 6"	2
25	Steel Foot rules 12" or 30 cm	12
26	Tri square 6" or 15 CM	12
27	Letter Punch	2
28	Riveter or rivet gun	1
29	Number Punch	2
30	Safety goggles	12



31	Twist drill set (1.00 -13 mm) / 1/8 " 10 1/2 "	2 Each
32	Hand tapes different sizes with handle / wrench e.g. M 8 X 1.25 mm, M10 x 1.5 mm, M12 x 1.75 mm, M16 x 2.0 mm	2
33	Hand Die set (1/8" - 1/2") and (1 mm - 13mm) set	2 Set Each
34	Scriber 6"	12
35	Outside Caliper 6"	12
36	Inside Caliper 6"	12
37	Odd leg Caliper 6"	12
38	Divider 6"	12
39	Screw driver (flat + Phillips)	1 Set
40	Pliers 6"	4
41	Cutter pliers 6"	4
42	Spanner set (double / single different sizes) BSW / metric	1Set Each
43	Adjustable wrench (6", 8", 10"	2 Each
44	Pipe wrench (10", 14", 18")	2 Each
45	C. Clamps	4
46	Surface Gauge	4
47	Steel Tape rule 92m)	4
48	Hook foot rule 12"	4
49	Allen key set	2
50	Dresser	6
51	Vernier Calipers (0-15cm)	2
52	Outside micrometer (0-1") + (0-25mm)	2
53	V Block (3" x 3")	2
54	Vernier height gauge (0-30 cm)	2
55	Steel wire Brush	6
56	File card	6
57	Oil Can	4
58	Combination set 12"	2
59	surface plate (60 cm x 60 cm)	1
Total:		



(IV) LIST OF EQUIPMENT FOR MACHINE SHOP

S.No.	Name of Item	Quantity
1	Lathe machine bed length 3 feet, swing 14" along with oil std accessories like 03 jaws and 04 jaws chuck, face plate follow up, chuck key, tool past key, revolving centre, drill chuck, centre drill and tool past etc.	4
2	Bench / pedestal types drill machine with 1/2 " chuck (Pak or Good Quality made v= 220/230v, single phase, 1/2 horse power	2
3	Pedestal types grinding machine (Pak or Good Quality made 220/230v, 1/2 HP 3000 RPM with 01" double sided spindle	2
4	power hack saw machine (Pak or Good Quality Made 18" blade length	1
5	Bench wire 05" Pak or Good Quality made	6
6	Hand Drill machine light duty 220/230 v single phase	1
7	Drill chuck with taper shank 1/2 " opening (China, Local or Equivalent made)	2
8	Centre drill bits 3/8 ", 1/2"	6 Each
9	Twist drill set 1/8" to 1/2 " / 01 mm to 13 mm (China, Local or Equivalent made)	1Each
10	Lathe cutting tools HSS (China, Local or Equivalent Made) 1/2 " x 1/2 " x 06"	24
11	Hand Hack saw frame 12" (fixed, China, Local or Equivalent made)	12
12	Screw pitch gauge BSW/ metric type	1Each
13	Adjustable wrench 8", 10", 12"	1Each
14	Open spanner set 1/4" to 1/2" China, Local or Equivalent Made	1
15	Steel Rule 12" China, Local or Equivalent	12
16	Vernier caliper digital 8"	2
17	Inside / outside calipers	6 Each
18	Micrometer digital 04"	2
19	Hammer (ball peen, claw Hammer)	2 Each
20	Centre Punch 3/8" , 1/2"	6 Each
21	Knurling tool with single and double cut rollers China, Local or Equivalent made	4
22	Tape and die set 1/8" to 1/2 " BSW and 01 mm to 13 mm Metric type	2 Each
23	Working table 3' x 8'	1
24	Oil cane	6
	Total:	



(V) LIST OF EQUIPMENTS/TOOLS OF WAVING & CARPET SHOP

S. No.	Name of items	Qty
1	Automatic Power Looms Reed Space 56" <u>Accessories :</u> -Healed Frame -Frame Rod -Hanger Set -Shuttles -Bobin -Starter -Reed 64" -V-Belt No 85 -Buffer -Picker No.6 -Temple roller -Foundation wood -Foundation bolt -Electric Motor -Electric Motor Polly -Heald wire -Dropper -Warp stop -Extra Bolt -Motion Bux Auto -Leather Clip -Pansaar -Pansaar Clip -Pansaar Hanger -Frame Clump	1 Nos
2	Plain Power Looms Sapce Reed space 56" <u>Accessories:</u> --Healed Frame -Frame Rod -Hanger Set -Shuttles -Bobin -Starter -Reed 64" -V-Belt No 85 -Buffer -Picker No.6 -Temple roller -Foundation wood -Foundation bolt -Electric Motor -Electric Motor Polly -Heald wire -Dropper -Warp stop -Extra Bolt -Motion Bux Auto -Leather Clip -Pansaar	1 Nos



	-Pansaar Clip -Pansaar Hanger -Frame Clump	
3	Hygro Meter UK/EU	2 Nos
4	Erection tools Kit	1 Nos
5	End & Pick counter	1 Nos
6	Magnify Glass	5 Nos
7	Electronic Balance capacity (0-5000) grams	1 Nos
8	Hand loom 60"	3 Nos
9	Hand Loom 90"	2 Nos
10	Frame 60"-90"	10 No.
11	Shuttle 60"-90"	60 No.
12	Bobin 60"-90	600 No.
13	Roll for 60"-90 loom	12 No.
14	Rauch	600 No.
15	Tana Machine Complete	1 No
16	Winding wheel with stand	10 No.
17	Nidle	20 No.
18	Roll stand 60"-90 loom	2 No.
19	Gout	600 No.
20	Akrlic Yarn	90Kg
21	Cotton Yarn 2/20=2/10 hand space woolen	45Kg
22	Drill Electrical	1 No.
23	Reds (32,36,40)	15
	For Finishing Section	
24	Washing Machine with Motor	01 No.
25	Dryer Machine	01 No.
26	Electric Iron	01 No.
27	Table for Iron	01 No.
28	Table for Iron	01 No.
29	Different colour	1 Kg
30	Dauge	01 No.
31	Small Dauge	01
32	Tab	3No.
33	Stabilizer 10000 W	01 No.
34	Batteries 200 Amp	01 Nos
35	Generator 10KVA	01 No.
	Carpet Section	
36	Cotton Yarn	90Kg
37	Hand Spain Yarn	90 Kg
38	Punja	20 pieces
39	Carpet Punk	10 pieces
40	Electric Drill	1 Nos
41	Screw Set	01 set
42	Files Set 12"-12"	01 Set
43	Hack Saw 12'-10"	01 No.
44	Sessor	06 No.
45	Hammers	06 NO.