

**OFFICE OF THE PRINCIPAL
GOVT. INDUSTRIAL TRAINING INSTITUTE
JHANSI (U.P.)**

Tender No.	:	Bhandar/kraya/tender-1/2008-09/ 1801 date 18-12-2008
Last Date of Sale of Tender	:	12 January, 2009
Date of Opening	:	13 January, 2009
Time of Opening	:	03.00 P.M.
Cost of Tender Document	:	200+20=220(Rs. Two hundred Twenty only)
Non Refundable	:	In the shape of cash/bank draft in favour of the Principal Govt. I.T.I., Jhansi
Earnest Money	:	Rs. 20,000/- (Twenty Thousand)
Shape of Earnest Money	:	F.D.R./N.S.C./Pay order duly pledge in favour of the Principal, Govt. I.T.I., JHANSI

**OFFICE OF THE PRINCIPAL
GOVT. INDUSTRIAL TRAINING INSTITUTE
JHANSI (U.P.)**

1. Tenders requested to go through the instructions carefully and further complete information along with their tender offer failing their offer may not be considered at all. Tender shall be received into two parts separately. Each shall be in separate sealed covers as hereunder:-
 - (I) TENDER BID PART – I : Shall contain the earnest money to be submitted in the prescribed form. The sealed cover for this part of the bid shall be subscribed “Tender Bid Part – I” (earnest money) against tender specification No. tender-1/1801 dated 18.12.2008.
 - (II) TENDER BID PART – II : Shall contain the technical and commercial particulars including price and document. This sealed cover containing this part of the tender Bid shall be subscribed “Tender Bid Part – II” (technical & commercial) against tender specification No. tender-1/1801 dated 18.12.2008.
 - (III) TENDER BID PART – I & PART – II : Shall be put in big cover duly sealed and marked as tender against specification no. tender-1/1801 dated 18.12.2008 due for opening on 13-01-2009 at 15.00 hrs.
 - (IV) Telegraphic or in any form other than the above shall not be accepted.
2. The tender shall be received up to 14.00 hrs. on 13.01.2009 in the office of the Principal, Govt. Industrial Training Institute, Jhansi. Tender received late shall not be considered at all. This office shall not be responsible for any postal delay.
3. The tender will be publicly opened in the office of Govt. Industrial Training Institute Jhansi, at 15.00 hrs. on 13.01.2009 in the presence of their or their authorized representative who wish to be present.
4. In case the tender opening date is holyday, the date of submission and opening of tender will stand extended to next working day.
5. In case the offer is not with the valid earnest money, Part-II of tender bid shall not be opened. No further consideration of the tender shall be made in such cases.

6. Only such firm need tender who can satisfactory evidence that they have necessary resources organization to undertake the work tendered for the satisfaction of the purchaser.
7. Tenders are requested to submit the schedule in the prescribed Performa, the appendices/annexure duly filled in it by them as required by following strictly the instruction and notes supplementary there to facility purchaser to prepare comparative statement failure to do so may prevent the tender from being considered.
8. Any portion of the terms and conditions as laid down in the specification which is not clear to the tender should be got clarified before submission of the tender.
9. Specify clearly either given rates are included taxes or not. If tax is paid extra specify clearly their rates.
10. The purchaser does not pleased to accept the lowest or any other tender and reserves the right to accept the whole or any portion of any tender as he may think without assigning any reason for non-acceptance or selection.
11. Any action of the part of the tender to revise the prices/or to change the structure of price/prices at his own instance after the opening of tenders may surely in rejection of the tender. Any cutting in the tender should be signed duly by the tenderer.
12. Any approach etc. officially of otherwise of the part of the tenderer of his representative shall render his tender liable to summarily rejected.
13. Income tax deducted as per income tax act 1961 on form 16A at the time of payment.
14. In case of rates are equal of two or more tenderer, the undersigned have right to supply order any of them. There will be no correspondence entertain in this case.

dk; kzy; & i/kkukpk; jkt dh; vk8kkfxd i f'k{k.k l LFkku] >kd h

i =kd%& Hk.Mkj@dz@fufonk&1@2008&09@

fnukd & 18-12-2008

fufonk l puk 1/4Mj uksVI 1/2

jkt dh; vk8kkfxd i f'k{k.k l LFkku] eÅjkuhi] jkt dh; vk8kkfxd i f'k{k.k l LFkku] mYnu ,oa jkt dh; vk8kkfxd i f'k{k.k l LFkku] >kd h ea py jgs fofHku rduhdh 0; ol k; ka grq dPpk eky ,oa kt<Tt@mi.dj.k@e'khuji ds dz grq v/kkgLrk{kjh }kjk insk ds jkt dh; vk8kkfxd i f'k{k.k l LFkku] ,oa l Ecfu/kr jkt dh; fohkxka ea vki firZ dk de l s de i k o'kZ dk vutko j [kus okys vk; dj ,oa 0; ki kj dj 1/4S1/2 dk; kzy; ea iftdr bPNd fuel hvk@vki.firZ drkZ ka l s rduhdh ,oa foRrh; foM i Fkd&i Fkd l hy cln fyQkQka ea fnukd 13 tuojh] 2009 dks vijkg 2-00 cts rd vkef=r fd; s tkrsgA rFkk ikr fufonk, aml h fnu l koZtfud : i l s vijkg 3-00 cts [kkyh tk; xhA

fufonk i i = v/kkgLrk{kjh ds dk; kzy; l s fdl h Hkh dk; Zfnol ea fufonk [kkyus l s , d fnu i nZ fnukd 12] tuojh 2009 rd fufonk 'kYd : 0 200-00 ,oa VDI : 0 20-00 uxn tek djds ikr fd; s tk l drs gA dz fd; s tkus okys vkbVeka ds uke o rduhdh fof'kf'V; ka fufonk i i = ea mi yC/k gA fufonk ds l kFk /kjkj /kujkf'k : 0 20]000-00 dk , Q-Mh-vkj-@, u- , l -l h- 1/4tks v/kkgLrk{kjh ds uke l s cZkd gkxh ds : i ea tek djuk vko'; d gkxka fcuk /kjkj jkf'k ds fufonk Lohdkj ugh dh tk; xhA

v/kkgLrk{kjh dks fcuk dkj.k crk; s l eLr fufonk@fufonk ds fdl h Hkh Hkx dks fujLr djus dk vf/kdkj l g f'kr gA

fufonk i i = jkt dh; l puk foKku dñz >kd h] mRrj insk dh oc l kbV www.jhansi.nic.in ,oa i f'k{k.k ,oa l ok; kstu funskky;] mRrj insk dh oc l kbV www.directoratetemp.com ij Hkh ns[ka tk l drs gA vki firZ drkZ VMj MkD; eSV oc l kbV l s l h/ks Mkmu ykM dj VMj ifdz k ea l fEefyr gks l drs gA , d h fLFkr ea vki firZ drkZ dks VMj Qhl dk cD MKQV 1/4i/kkukpk; jkt dh; vk8kkfxd i f'k{k.k l LFkku] >kd h ds uke 1/2 VMj ds Vduhdv vkDj ds l kFk l yXu djuk vfuok; Zgkxka

i/kkukpk; Z
jkt dh; vk8kkfxd i f'k{k.k l LFkku
>kd h 1/4mOi D1/2

GOVT. INDUSTRIAL TRAINING INSTITUTE, MAURANIPUR
(JHANSI)

Dress Making:-

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	Scissors 25cm	each		
02	Tailor square wooden/plastic	each		
03	Leg shaper wooden/plastic	each		
04	Cloth brush	each		
05	Measuring Wheel	each		
06	Measuring tape 150cm	each		
07	Thread Ripper	each		
08	Thimbles	each		
09	Tailor's Card triangle	each		
10	Tailor's Art Curve wooden/plastic	each		
11	French Curve Set of 3 (plastic)	each		

SHOP TOOLS, EQUIPMENT, MACHENARY AND FURNITURE

12	A Drawer	each		
13	Over Lock Machine – Single Needle 3 thread	each		
14	Machine Attachment (a) Narrow Hammer (b) Pin tuck Foot (c) Gathering Foot (d) Over edge Foot (e) Ruffler Attachment (f) Suam Gauge	Set		
15	Stool with adjustable height stool frame & added seat (One of each machine)	each		
16	Button Hole Scissor	each		
17	Sinking Scissor	each		
18	Left Handed Scissor 25cm	each		
19	Shear 30cm	each		
20	Table Sharpener	each		
21	Gum Tape Dispenser	each		
22	Steel Frame pressing table 150cmx90cmx90cm	each		
23	Blanket of size 5'x8' padding as pressing	each		
24	Table	each		
25	Rubber Mat 30cm x 125cm	each		
26	Sprayer	each		
27	Electric Press Ordinary	each		
28	Electric Steam Press	each		
29	Electric Automatic Press	each		
30	Duplex Board	each		
31	Milton Cloth double width x 2 mtr	each		
32	Waste paper basket	each		

33	Drafting Table Steel Frame with sun mica top 150cm x 80cm x 90cm	each		
34	Pattern punch	each		
35	Pattern notcher	each		
36	Pattern Hanging Hooks	each		
37	Patten Handing Angle Steel	each		
38	Water Tub 60cm dia for sinking	each		
39	Stand Wooden T Shaped for Hanging Dress	each		
40	Hanger Steel / Wooden			
41	Glass Covered Showcase size 120cm x 60cm for Hanging Dress			
42	Dummies gent's			
43	Dummies Ladies	each		
44	Dummies Children	each		
45	Trial Room with three mirrors of size 150cm x 60cm with Arrangement for Hanging Dress	each		
46	Steel Table of size 120cm x 75cm x 75cm with sun mica top with three draws	each		
47	Steel Chair with Arms	each		
48	Steel Almirah 195x90x60cm with 5 adjustable shelves	each		
49	Calculator Desk type	each		
50	Steel locker – Overall size 195x90x40cm having a compartment girls with provision for separate locks	each		
51		each		
52	Locks 50mm, 65mm (Godrej)	each		
53	Wall clock	each		
54	Black Board size 120cm x 120cm	each		
55	Over Head Projector with trolley and screen	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, MAURANIPUR
(JHANSI)

Welder:-

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	Gloves pair leather	each		
02.	Apron Leather	each		
03.	Screen welding helmet type	each		
04.	Screen welding hand	each		
05.	Goggle pair welder	each		
06.	Hammer Scaling 0.25kg with handle	each		
07.	Chisel Cold Flat 19mm	each		
08.	Centre punch 9mm x 127mm	each		
09.	Divider 20cm	each		
10.	Caliper outside 15cm	each		
11.	Rule 60cm two fold brass tipped to read inches and mm	each		
12.	Wire brush 15 cm x 3.7cm	each		
13.	Spark Lighter	each		
14.	Chipping Screen Hand	each		
15.	Safety Boots for welder	each		
16.	Safety Goggles	each		
17.	Square Blade 15cm	each		
18.	Scriber 15cm	each		
19.	Tongs holding 30cm	each		
20.	Brass rule 30cm or nickel chrome steel rule 30cm	each		
21.	Hammer Ball Pein 1kg with handle	each		
22.	Chisel cold cross 9 mm	each		
23.	Screw driver 25cm blade and 20cm blade	each		
24.	Leg vice on stand 150mm	each		
25.	Number punch 6mm	set		
26.	Letter punch 6mm	set		
27.	Hacksaw Frame adjustable 30 cm	each		
28.	Hammering Block 5cm thick 60 sq.	each		
29.	Magnifying Glass 15cm	each		
30.	Weld measuring gauge fillet & butt	each		
31.	File Half round bastard	each		
32.	File Flat 35cm rough	each		
33.	Spanner 12mm & 15mm D.E.	each		
34.	Spanner D.E. 6 to 15mm bc 1.5mm set of no.	set		
35.	Clamp a) 10cm b) 15cm c) 20cm d) 30cm	each		
36.	Hammer Sledge double faced 3 kg	each		
37.	Pipe Wrench a) 25cm	each		

	b) 35cm			
38	Steel Tape 182 cm flexible in case	each		
39	Tinmans square 60cmx30cm	each		
40	Welding Torches with ten nozzles 2 to 45 low pressure with nozzle	each		
41	Earth clamp	each		
42	Pipe cutter (cap.50mm dia)	each		
43	Cutting Torch Oxy-Acetylene with cutting nozzle 3/64	each		
44	Heavy Duty cutting sqouging blow pipe with cutting and sqouging nozzles	each		
45	Electrode Holder 400 amp	each		
46	Welding Rubber hose oxygen & acetylene 8mm	each		
47	Rubber hose clip	each		
48	Spindle key (for opening cylinder valve)	each		
49	Pressure Regulator oxygen double stage	each		
50	Pressure Regulator acetylene	each		
51	Tip cleaner	set		
52	Glasses colored 108x82x3mm DIN 11A,13A	each		
53	Glass white 108mmx82mm	each		
54	Out fit spanner	each		
55	Rubber hose pipe black & red 5mm	each		
56	Leather sleeves	each		
57	Transformer welding continuous welding current with all accessories a) 300A b) 400A			
58	Welding Cables to carry 350 amp with flexible rubber	each		
59	Lugs for cable	each		
60	Oxygen Cutting Machine (line & circle)	each		
61	Gas Welding Table 822cm x 92cm x 60cm fire bricks on stand with positioner	each		
62	Arc Welding table all metal with positioner 122cm x 92cm x 60cm	each		
63	Trolley for cylinder (H.P.Unit)	each		
64	Bench shear hand capacity up to 5mm	each		
65	Bench vice 10cm	each		
66	Power Hacksaw	each		
67	Electrode Driving over thermostatically controlled temperature 0-250 c 10kg/cap	each		
68	AG7 Grinder	each		
69	Portable Drilling Machine (cap. 6mm)	each		
70	Raze weld equipment eraser which can be used with existing welding transformer	each		
71	Fire extinguishers (foam type land CO2 type)	each		
72	Metal Rack 182cm x 152cm x 45mm	each		
73	Instructor table (steel)	each		
74	Black Board with easel	each		
75	Instructor Chair (steel)	each		
76	First Aid Box	each		

77	Welding Helmets	each		
78	Fire Bucket with stand	each		
79	Steel Lockers with 8 pigeon holes	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, MAURANIPUR **(JHANSI)**

Fashion Technology :-

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	Over Locking Machine	each		
02.	Twin Needle (Motorized) (3 thread & 5 thread)	each		
03.	Bar Tack Machine	each		
04.	Machine Attachment a) Zipper Foot b) Tucker Foot c) Hem Folder	each		
05.	Scissors 25cm	each		
06.	Scissors left hand 25cm	each		
07.	Machine scissor trimming edge 7"	each		
08.	Pinking Scissors, edge finish	each		
09.	Marking wheel (tracing wheel)	each		
10.	Measuring tape metric & English 150cm (inches & cm)	each		
11.	Tailor's Squire metric	each		
12.	Leg Shaper for trouser	each		
13.	French Curve (set) No.17	set		
14.	Diagram squire ¼", 1/5" plastic	each		
15.	Finger thimbles-steel	each		
16.	Pattern Notches	each		
17.	Dress form Dummies a) Ladies 8-10 (half), 12 (full) b) Gents 40-42 (full) c) Children No.4 (full)	each		
18.	Round Knife Cutter electrically operated	each		
19.	Straight Knife Cutter electrically operated	each		
20.	Tape plastic	each		
21.	Tailors chalk	box		
22.	Scam Ripper	each		
23.	Milton Board double width x 2mtr.	each		
24.	Coat brush-nylon hair	each		
25.	Patter Hanging angle steel	each		
26.	Stand Wooden T shaped for Hanging Dress	each		
27.	Hanger Steel / Wooden	each		
28.	Tailors Art curve	each		
29.	Button hole scissors	each		

Pressing Equipment

01.	Electric Steel Iron	each		
02.	Pressing Table 4'x6'	each		
03.	Duplex Board	each		

04.	Rubber Mat for pressing table	each		
05.	Water tub big 60cm dia for sinking	each		
06.	Water pot for pressing table	each		
07.	Blanket with fabric for pressing table 5'x8'	each		
08.	Wall Clock	each		
09.	Sponge Nylon for putting water	each		
10.	Water Sprayer	each		

Furniture

01.	Instructor Table steel with sun mica top (60 x 120cm) with locker	each		
02.	Armed Chair for Instructor (steel /wooden)	each		
03.	Armed Chair for Staff	each		
04.	Adjustable Moving Stool with cushion 18" height size from trainees	each		
05.	Table for Drawing class/theory class for trainees	each		
06.	Magnetic White Board with Marked Pen & Duster (120 x 120cm)	each		
07.	Almirah steel (195cmx90cmx60cm)with 5 adjustable shelves	each		
08.	Steel locker overall size (195x90x48cm) having 6 compartment with provision of separate lock	each		
09.	Display Board Glass Cover (for hanging finished dress)	each		
10.	Pattern Hanging Hooks	each		
11.	Drafting Table with corrugated board (150 x 90 x 90cm)	each		
12.	Calculator desk type	each		
13.	Waste paper basket/steel	each		
14.	Overhead Projector with trolley & screen	each		
15.	Fire Extinguisher	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, MAURANIPUR **(JHANSI)**

Consumer Electronics :-

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
Trainees Kit				
01	Combination Pliers 15cm insulated	each		
02	Long Nose Insulted Pliers 15cm	each		
03	Diagonal Cutter 15cm insulated	each		
04	End cutting nipper insulated 15cm	each		
05	Tweezers 10cm insulated	each		
06	Heat Sink Pliers	each		
07	Tweezers	each		
08	Neon lamp Tester	each		
09	Knob Screw Driver Insulated 10cm	each		
10	Screw Driver set of 6	set		
11	Knife Electrician	each		
Shop Out Fits				
12	Adjustable spanner/slide wrench (15-20CIS)	each		
13	Wire stripper	set		
14	Allen Key	set		
15	First-Aid Kit	each		
16	Artificial Responiration Chart	each		
17	Rubber Mat 180 x 45 x 2.5cm	each		
18	Rubber Gloves pair	set		
19	Steel Rule 30cm	each		
20	Scriber 15 to 20 cm	each		
21	Centre punch 10cm	each		
23	Hammer Cross pane 110 cm with handle	kg		
24	Hammer Ball pane 220cm with handle	kg		
25	Spanner double ended metric system 6-19mm by 1.6mm	set		
26	Spanner Single ended 6-25mm by 1.6mm	set		
27	Box Spanner set of (4-50)mm	set		
28	Mallet 8 OZ	each		
29	Gimlet	each		
30	Tenonsaw 25cm	each		
31	Chisel wood 15cm set of 6-25mm	set		
32	Hand shares metal cutting 25cm	each		
33	Bradawl	each		
34	Ratchet brace drill 10m			
35	Electrical Drill 10mm with polishing and buffing accessories	each		
36	Hacksaw 20-25cm adjustable	each		
37	Hand operated bending break	set		

38	Fly press 4-5 ton	each		
39	Junior saw 20cm	each		
40	File flat 20cm	each		
41	File flat 15cm bastard	each		
42	File flat half round 20cm bastard	each		
43	File round 20cm IInd cut	each		
44	File flat 20cm	each		
45	Instrument file set of 12	set		
46	Vice bench 10cm jaw	each		
47	Vice bench 5cm jaw	each		
48	Tape set 3mm to 10mm (set of 9)	set		
49	Die set 3 – 10mm	set		
50	Soldering Iron 25w	each		
51	Soldering Iron 250w	each		
52	Soldering Iron 65w	each		
53	Soldering Iron 10w	each		
54	De-soldering pump	each		
55	Wire gauge set	set		
56	Feeler gauge	each		
57	Permanent Bar Magnet 15 cm	each		
58	Soldenoid with core	each		
59	Hydrometer	each		
60	Rheostats assorted values and ratting	each		
61	Variable resistance potentiometer	each		
62	DC/AC Ammeter 0-1Amp	each		
63	DC/AC Ammeter 0-500 mA	each		
64	DC/AC Ammeter 0-100 mA.	each		
65	DC/AC Ammeter 0-1 mA.	each		
66	DC/AC Ammeter 0-5mA	each		
67	DC/AC Ammeter 0-50 mA	each		
68	DC/AC volt meter 0-5v	each		
69	DC/AC Volt meter 0-10v	each		
70	DC/AC Volt meter 0-50v	each		
71	DC/AC Volt meter 0-500v	each		
72	DC/AC Volt meter 0-1000v	each		
73	Loudspeaker various Type	each		
74	Electric Bell	each		
75	Battery Eliminator	each		
76	Microphone (assorted)	each		
77	Head Phone, Ear Phone	each		
78	Receiver aerial kit (indoor & out door)	each		
79	Transistor (assorted)	each		
80	Electrical Component for assemble	each		
81	Logic Probes	each		
82	IC Extractor	each		
83	Table Lump	each		
84	T.V. Mirror	each		
85	Liner ICs assorted	each		
86	Digital ICs assorted	each		

Equipment

01.	Analog Multi meter big (similar to Simson 260)	each		
02.	Digital Multi meter (3.5 digit)	each		
03.	A.F. Oscillator	each		
04.	Frequency Modular	each		
05.	LCR Bridge	each		
06.	Frequency Counter	each		
07.	Function Generator	each		
08.	Commercial A.M./F.M.	each		
09.	Watt Meter 100w/250v	each		
10.	PA Amplifier	each		
11.	Insulation tester	each		
12.	Audio output meter	each		
13.	Power Supply 0-3 – V/DC	each		
14.	Power Supply 0-30 – V/DC	each		
15.	Distortion Meter/Analyzer	each		
16.	Colour Pattern Generator	each		
17.	Tape recorder stereo type	each		
18.	Pulse Generator	each		
19.	T.V. Receiver (Black & White)	each		
20.	T.V. Receiver (Coloured)	each		
21.	Color T.V. Camera	each		
22.	Digital IC Tester	each		
23.	Signal Injector	each		
24.	Micro Processor Application Cards	set		
25.	V.C.R.	each		
26.	ACD Player	each		
27.	VCD Player	each		
28.	DVD Player	each		
29.	CD Writer	each		
30.	Intercom System	each		
31.	Telephone push button (PBT)	each		
32.	Cordless Telephone (CLT)	each		
33.	Cordless Microphone with Amplifier	each		
34.	Collar Microphone	each		
35.	Telephone System Trainer	each		
36.	Car Stereo having auto reverse system	each		
37.	Electric Iron (Automatic)	each		
38.	Electric Iron (automatic with water spray)	each		
39.	Washing Machine (Micro Processor/Micro controlled based)	each		
40.	Inverter 500 kva with battery	each		
41.	Lead acid battery	each		
42.	Maintenance Free Batteries	each		
43.	Microwave Oven			
44.	Overhead Projector With Screen	each		
45.	Magger	each		
46.	Temperature Controlled Soldering Station	each		
47.	Temperature Controlled Desoldering Station	each		
48.	Variac 500 VA	each		

49.	Isolation Transformer 500 VA	each		
50.	Fractional H.P. A/C Motor	each		
51.	Fractional H.P. D/C Motor	each		
52.	Coil winding machine (manual)	each		
53.	Battery charger 25 V/10A	each		
54.	High Rate discharge tester	each		
55.	Grinder bench electric	each		
56.	Stool wooden	each		
57.	Instructor Chair Armed (Steel/Wooden)	each		
58.	Instructor Table with sun mica top with 3 drawer	each		
59.	Steel cabinet 120x60x45cm	each		
60.	Steel locker with 16B drawer	each		
61.	Slotted angle rack (four shelf)	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, ULDAN
(JHANSI)

Fitter :-

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01	Rule steel 15cm with metric graduation	each		
02	Squire Try 10cm	each		
03	Caliper outside 15cm spring	each		
04	Caliper inside 15cm spring	each		
05	Caliper 15cm hermaphrodite	each		
06	Divider 15cm spring	each		
07	Scriber 15cm	each		
08	Centre Punch 10cm	each		
09	Screw Driver 15cm	each		
10	Chisel cold 10cm	each		
11	Hammer ball pein 0.45kg with handle	each		
12	Hammer ball pein 0.22kg with handle	each		
13	File Flat 25cm IInd cut	each		
14	File flat 25cm smooth	each		
15	File Half round IInd cut 15cm	each		
16	Hacksaw frame adjustable 20-30cm	each		
17	Safety goggles	each		
18	Dot slot punch	each		
Tools - Instruments & General Shop Outfit				
19	Rule steel 30cm to read metric	each		
20	Steel rule 60cm	each		
21	Straight edge 45cm steel	each		
22	Flat surface 45cmx45cm	each		
23	Marking Table 91x91x122cm	each		
24	Universal Scribing Block 22cm	each		
25	Vee-Block pair 7cm & 15cm with clamp	set		
26	Square adjustable 15cm blade	each		
27	Angle plate 10x20cm	each		
28	Level spirit 15cm metal	each		
29	Punch Letter 3mm	set		
30	Punch Number 3mm	set		
31	Punch Hollow 6mm to 90mm set of 5	set		
32	Punch Round 3mm x 4mm set of 2	set		
33	Portable Hand Drill (Electric) 0-6mm	each		
34	Drill brace hand 0-12mm	each		
35	Drill twist S/S 1.5-12mm by 0.4mm	set		
36	Drill Twist S/S 8mm – 15mm by 1/2mm	set		
37	Brace ratchet with pillar	each		
38	Tape & dies set complete in box BA	set		
39	Tape & Dies set complete in box BSF	set		
40	Tape & Die set complete in box whit-worth	set		
41	Tape & Die complete set in box American	set		

42	Tape & Die set in box Metric	set		
43	File Warding 15cm smooth	each		
44	File Knife edge 15cm smooth	each		
45	File cut saw 15cm smooth	each		
46	File Feather edge 15cm smooth	each		
47	File Triangular 15cm smooth	each		
48	File Round 20cm IInd cut	each		
49	File Square 15cm IInd cut	each		
50	File square 25cm IInd cut	each		
51	Filler Gauge 10 blades	each		
52	File Triangular 20cm IInd cut	each		
53	File Flat 30cm IInd cut	each		
54	File Flat 20cm Bastard	each		
55	File Flat 30cm Bastard	each		
56	File Swiss type needle set of 12	set		
57	File Half round 25cm IInd cut	each		
58	File Half round 25cm bastard	each		
59	File round 30cm bastard	each		
60	File Hand 15cm IInd cut	each		
61	Card File	each		
62	Stone oil 15cmx5cmx2.5cm	each		
63	Stone carborandum 15cmx5cmx5cmx4cm	each		
64	Can Oil 0.25 ltr.	each		
65	Pliers Combination 15cm	each		
66	Iron Soldering 350gm	each		
67	Lamp blow 0.55ltr.	each		
68	Spanner Whit-Worth D.E. 6mm-25mm	set		
69	Spanner adjustable 15cm	each		
70	Inter chargeable ratchet socket set with 12mm driver - socket range 4mm set of 8	set		
71	“Apollo” box spanner set in mm 3x4, 4x7, 9x11, 12x14, 15x19, 22x25 set of 6	set		
72	Glass Magnifying 7cm	each		
73	Clamp tool maker 5cm & 7.5cm set of 2	set		
74	Clamp “C” 5cm	each		
75	Clamp “C” 10cm	each		
76	Reamer adjustable Max 9mm, 12mm, 19mm set of 3	set		
77	Reamer taper 4mm – 9mm set of 4	set		
78	Reamer Parallel 16mm – 12mm set of 5	set		
79	Scriber flat 15cm	each		
80	Scriber 3 corner 15cm	each		
81	Scriber Half round 15cm	each		
82	Chisel Cold 9mm cross cut 9mm diamond	each		
83	Chisel cold 19mm flat	each		
84	Chisel cold 9mm round nose	each		
85	Extractor Stud EZY-Out	each		
86	Combination set 30cm	each		
87	Micrometer 0-2.5cm outside	each		
88	Micrometer 25-50 outside	each		
89	Micrometer 0-25mm outside	each		

90	Micrometer 50-75mm outside	each		
91	Micrometer inside 25mm – 50mm with	each		
92	Vernier Caliper 20cm	each		
93	Vernier height gauge 30cm	each		
94	Vernier bevel protractor	each		
95	Screw pitch gauge	each		
96	Wire gauge metric standard	each		
97	Drill twist T/S 6mm – 25mm x 1.5mm set	set		
98	Drill chuck 12mm	each		
99	Pipe wrench 40cm	each		
100	Pipe wrench 30cm	each		
101	Pipe Vice No. 4	each		
102	Adjustable pipe die 0-205cm cap.	each		
103	Wheel dresser	each		
104	Machine vice 10cm	each		
105	Machine vice 15cm	each		
106	Sleeve drill Morse 0-1, 1-2, 2-3	set		
107	Bench vice 12cm jaw	each		
108	Leg vice 10cm jaw	each		
109	Bench working 240x120x60cm	each		
110	Metal rack 182x182x4.5cm	each		
111	Black board with easel	each		
112	Fire extinguisher	each		
113	Fire buckets	each		
114	Machine vice	each		
115	Wing compass 25.4cm or 30cm	each		
116	Hand Hammer 1kg with handle	each		
General Machinery				
117	Anvil 50kg on stand	each		
118	Drilling Machine Pillar Sensitive 0-20mm cap. with swivel table motorized with chuck & key	each		
119	Drilling machine bench sensitive 0-12mm cap motorized with chuck & key	each		
120	Grinding machine (general purpose) D.E. pedestal with 20cm dia wheel rough & smooth with twist drill grinding attachment .	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, JHANSI

S.D.I. (MES):- Tool List

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	Technician Tool Kit for electronics	each		
02.	Digital Multi meter	each		
03.	Soldering Gun	each		
04.	Soldering Iron 35W	each		
05.	Battery Charger	each		
06.	Desoldering Pump	each		
07.	Crimping Tools 12"	each		
08.	Blow Torch with pipe	each		
09.	Gas Manifold Gauge	each		
10.	Nitrogen Cylinder with two stage Regulator	each		
11.	Compressor Hermetic	each		
12.	Evaporator Refrigerator	each		
13.	Oxy-Acetylene Gas Cylinder with pipe	each		
14.	Oxy-LPG Gas Cylinder with pipe	each		
15.	Recovery Machine	each		
16.	Condenser Refrigerator	each		
17.	Carbide Lath Tools	each		
18.	Parting Tool Holder 6" with H.S.S. 6mm sq tool bit	each		
19.	Centre Drill a) 2mm b) 3mm c) 4mm	each		
20.	Safety Goggle	each		
21.	Boring Tool Holder with 6mm sq H.S.S. Tool bit	each		
22.	Fire Extinguisher	each		
23.	Watt Meter 0-2.5 kva	each		
24.	Energy Meter 0-10 amp 240v	each		
25.	Hacksaw Frame adjustable 250-300mm with blade	each		
26.	Screw Pitch Gauge for metric pitches (0.5-6mm)	each		
27.	Gas Cylinder Oxygen and Acetylene	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, JHANSI

S.D.I. (MES):- Raw Material

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	M.S. Rod any dia	kg		
02.	M.S. Flat any size (width & thickness)	kg		
03.	M.S. Electrode 3.15Ømm	p/pkt		
04.	M.S. Electrode 4.00Ømm	p/pkt		
05.	Automatic Exp. Valve	each		
06.	Refrigerant Gas a) H.F.C. b) R-22	kg kg		
07.	Brazing Rod	kg		
08.	Flux	p/box		
09.	Battery D/C 12V 13 Plate	each		
10.	PVC Insulated copper wire 3/22	p/coil		
11.	PVC Insulated Single core Aluminium wire 2.5mm sq	p/coil		
12.	PVC Insulated flexible wire 23/76	p/coil		
13.	Pendent Holder	each		
14.	Cable Lug (Al.)	each		
15.	PVC Insulated Tape ¾ “	each		
16.	Tyre & Tube (MRF/CEAT) for a) Kinetic Honda b) Hero Puck c) Bajaj Auto Rickshaw	each		
17.	Engine Oil 20 W 40	p/ltr.		
18.	Coolant Radiator for Gypsy	p/ltr.		
19.	Gear Oil SAE 90	p/ltr.		
20.	Distributor Assembly for Gypsy (Lucas)	each		
21.	Grease	p/kg		
22.	Battery 12V for Gypsy	each		
23.	Inverter Kit Complete with all respect	each		
24.	Soldering Iron Element 35W	each		
25.	Soldering Wire 80:20	kg		
26.	Soldering Paste	50 gm.		
27.	Hookup wire	p/coil		
28.	Flexible Wire for electronics	p/coil		
29.	Transformer 6-0-6V	each		
30.	Transformer 12-0-12	each		
31.	Complete kit of 12V regulated power supply	each		
32.	Complete Audio Power Amplifier kit (Buzzer)	each		
33.	Rectifier Diode IN 4007	each		
34.	Capacitor Electrolytic a) 1000µF/16V b) 1000µF/45V c) 100µF/16V	each		

	d) 1 μ F/10V			
35.	Transistor a) AC 188 b) AC 187 c) BC 148A d) BC 148B e) BC 547 f) BC 548 g) BC 147/157 h) AC 128	each		
36.	Zener Diode a) 6V b) 12V c) 24V	each		
37.	Complete kit of SMPS power supply	each		
38.	DIAC	each		
39.	TRIAC	each		
40.	S.C.R	each		
41.	MOSFET	each		
42.	OP Amplifier IC 741	each		
43.	PCB Plate	each		
44.	LED a) 6V b) 9V c) 12V	each		
45.	Battery Transistorized a) 6V b) 9V c) 12V	each		
46.	Carbon Register a) 1k b) 470 k c) 2.2 k d) 4.7 k e) 1/4W	each		
47.	Cobalt Tool Bit Contain 9% cobalt as per I.S.S. (Bipco or Miranda) a) 5/8 " x 6" b) 1/2" x 6"	each		
48.	Wooden Board with single mica top size a) 4" x 4" b) 8" x 10"	each		
49.	Clear Bulb 240V/100W (standard make)	each		
50.	Clear Bulb 240V/200W (standard make)	each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, JHANSI

Electrical/Electronic:- Raw Material

Sl. No.	Name of Items & its specification	Unit	Rate	Remarks
01.	I.S.I. Marked fluorescent tube 4' (40W)	each		
02.	I.S.I. Marked clear bulb 250V a) 100 watt b) 200 watt c) 500 watt	each		
03.	High pressure mercury vapor lamp bulb a) 250 watt b) 125 watt	each		
04.	Polyester filled heavy duty ballast (choke) for high pressure mercury bulb a) 250 watt b) 125 watt	each		
05	Street light lantern with anodizing aluminium nickel plated sheet reflector & attached camber for choke, condenser, acrylic cover side entry tube for H.P.M.V./H.P.S.V/500 watt bulb "Bajaj" make only fitting without bulb, choke & condenser	each		
06	P.V.C. Insulated Alumunium conductor single core 250 v graded unsheathed a) 1.5 sq.mm b) 2.5 sq.mm c) 4 sq.mm	p/coil of 91.4 mtr.		
07	P.V.C Insulated copper conductor single core 250V graded wire a) 3/0.029 (3/22) b) 3/0.036 (3/20) c) 7/0.029 (7/22) d) 7/0.036 (7/20) as per I.S.S. standard	each		
08	PVC white film sheet 'B' grade for motor winding 4,5,6, mills	p/kg		
09	Air dry insulated varnish "Dr. Back"	p/ltr.		
10	Heavy Duty polyester filled Ballast (choke) for fluorescent tube 40 watt	each		
11	Flesh type (piano type) wiring accessories 250V a) Switch one-way 5 amp.	each		
	b) Switch two-way 5 amp.	each		
	c) Switch one-way 15amp.	each		
	d) Bottom holder 5 amp. straight & angle	each		
	e) Two pin socket 5 amp.	each		
	f) Three pin socket/multi pin (5 pin) 5 amp.	each		
	g) Three pin/Five pin socket 15 amp.	each		
	h) Switch socket combined 15 amp.	each		
	i) Indicator 5 amp.	each		
	j) Kit-Kat 5 amp.	each		
	k) Ceiling Rose 5 amp.	each		

	l) Electronic Regulator for ceiling fan	each		
12	PVC Unbreakable plug 2 pin, 3 pin	each		
13	Switch Tumbler type single way 5 amp.	each		
14	Switch Tumbler type two way 5 amp.	each		
15	ISI Mark PVC Adhesive tape 20mm x 10 mtr. (Insulated tape 20mm)	each		
16	Miniature lamp 6.2 volt-screw type, opentype without cap	per 100 nos.		
17	High pressure sodium vapor lamp a) 250 watt b) 125 watt	each		
18	Polyester filled heavy duty ballast for high pressure sodium vapor lamp a) 250 watt b) 125 watt	each		
19	Ignitron for sodium vapor lamp a) 250 watt b) 125 watt	each		
20	ICP Switch for heavy duty a) 16 amp. b) 32 amp. c) 64 amp. d) 100amp.	each		
21	M.C.B. Single pole 2 Amp to 10 Amp	each		
22	MCB Triple pole 440 V with box a) 16 amp. b) 20 amp. c) 25 amp.	each		
23	MCB (TPN) 440 V 25 amp. with box	each		
24	Push button with element 1 no. 1 NC contact block "Esbee/Tekmeoran" Equivalent	each		
25	Bi-metallic Relay "L&T" make MK – 14 to 6.5 amp.	each		
26	Bi-metallic Relay "Yuli" make 4 to 6 amp. for C 5-2 contractor (4 to 6 amp)	each		
27	B.H.C. Bi-metallic relay 6 to 9.5 amp.	each		
28	Porcelain Kit-Kat 32 amp 440 V	each		
29	Battery 12 V, 25 plate "Exide" Heavy Duty	each		
30	Battery Tubular type 12v 150amp for inverter	each		
31	Cable armored 2.5sq.mm copper conductor ISI a) 3 core b) 4 core	p/mtr		
32	Element for soldering Iron 35w	each		
33	Insulated streetcar moured aluminium conductor a) 2.5 sq.mm 3 core b) 4 sq.mm 3 core c) 6 sq.mm 3 core d) 10 sq.mm 3 core/3.5 core e) 16 sq.mm 3 core/3.5 core	p/mtr		

34	PVC Insulated unsheathed multi stand copper conductor a) 1.55 sq.mm b) 2.5 sq.mm c) 4 sq.mm as per ISI fire & Heat proof	per coil 91.4 per mtr		
35	Holder Porcelain horded type for mercury lamp 3 pin type 2 pin type 500w bulbs heavy duty (mercury 250w, 125w)	each		
36	Wood board single mica top 4"x4"	each		
37	Wood Board single mica top 7"x 4"	each		
38	Wood board single mica top 8"x3"	each		
39	Wood board single mica top 10"x8"	each		
40	Wood Board single mica top 12"x10"	each		
41	Wood Board single mica top 16"x12"	each		
42	CFL Surya/Orpat/Bajaj make a) 15 watt b) 18 watt c) 20 watt	each		
43	CFL Spiral 20watt Philips/Surya etc.	each		
44	Starter for florescent tube 40w	each		
45	PVC Insulated Flexible wire a) 14/76 b) 23/76 c) 40/76	p/coil 91.4mrt		
46	Link clip steel 25, 50, 75	each per 100		
47	Bulb colored 15W, 250V	each		
48	Copper Tined fuse wire of any gauge	p/kg		
49	Condenser 8 mfd	each		
50	Condenser 2.5 mfd for ceiling fan	each		
51	Resin filled chord 80.20 "Bharti"	p/kg		
52	Electronic Choke 40W, 250V	each		
53	Torch 3 cell operate "Eveready Jeep"	each		
54	Dry cell 1.5 V 950/955, 1050/1055	each		
55	Dry cell 1.5 Pencil type "Eveready"	each		
56	Driver Transformer for Transistor	each		
57	Diode I.N. 4001, 4007	each		
58	Gang Capacitor 2J	each		
59	Coil set for 2 band transistor (MW/SW)	each		
60	Dial Chord	p/Reel		
61	Volume control 10K with Lock	each		
62	Ferrite Rod 6"	each		
63	Drum 2" diameter	each		
64	Soldering flux "quick fix"	p/pkt 50gm		
65	Adhesive for dry fevi quick	p/tube		
66	P.C.B. "L&I" Type	each		

67	Transistor a) AC 128 b) BF 195 c) BC 177 d) BC 159 e) BC 149 f) BC 148	each		
68	Condenser 2700 PF	each		
69	Condenser 1000 mfd/16v	each		
70	Paper condenser 0.1 mfd	each		
71	Paper condenser 0.01 mfd	each		
72	Paper condenser 0.02 mfd	each		
73	Condenser 100 PF	each		
74	Condenser 270 PF	each		
75	Condenser 0.04 μ f	each		
76	Condenser 220 mfd, 12v	each		
77	Condenser 1000 μ f, 12v	each		
78	Transformer 6-0-6V	each		
79	Transformer 9-0-9V	each		
80	Resistance 47k	each		
81	Resistance 100 Ohm	each		
82	Resistance 10K	each		
83	Resistance 270k	each		
84	Resistance 470k	each		
85	Resistance 2.2k	each		
86	Resistance 10 Ohm	each		
87	Transistor AC 128	each		
88	TV Kit Black & White complete kit in all respect having circuit plate, picture tube, EHT, Electronic tuner, Cabinet & all other essential component	each kit		
89	TV Kit colored, complete kit having cabinet, circuit plate, picture tube, EHT & Electronic tuner etc.	each kit		
90	Carbon Resistance 1/4w	p/100		
91	Carbon Resistance 1/2w	p/100		
92	Carbon Resistance 1w	p/100		
93	L.E.D.	p/100		
94	I.C. 555	each		
95	I.C. 810	each		
96	I.C. 7805	each		
97	I.C. 7806	each		
98	I.C. 7812	each		
99	I.C. 7818	each		
100	Musical bell kit with all component	each		

101	Capacitor 100mfd, 24/25v	each		
102	Electronic bell remote operated	each		
103	Diode OA 79	each		
104	Zenor Diode 6v, 12v	each		
105	Bend switch pole 6 wave 2	each		
106	Base (Patti) for fluorescent tube 40w	each		
107	P.V.C. Insulated single core copper conductor 1/18	p/coil 91.4m		
108	Element for heater 1500w	each		
109	Condenser 32mfd for HPSV	each		
110	PVC Casing Capping a) 1/2" b) 3/4" c) 1"	p/ft.		
111	Tube light 40w side holder	Each		
112	Bearing 6204	Each		
113	H.R.C. fuse 30 amp.	Each		
114	Cartize fuse (D2) bottle fuse	Each		
115	Glass fuse	Each		

GOVT. INDUSTRIAL TRAINING INSTITUTE, JHANSI

Hardware:- Raw Material

Sl · N o.	Name of Items & its specification	Unit	Rate	Remarks
01	Mild steel round of any size dia	p/kg		
02	Mild steel flat of any size (width & thickness)	p/kg		
03	Mild steel square of any size	p/kg		
04	Mild steel angle iron (equal angle)	p/kg		
05	Mild steel sheet (W.I.) of any size & thickness	p/kg		
06	Mild steel wire mesh rectangular	p/kg		
07	Mild steel pipe of any size dia 16 swg	p/mtr		
08	Mild steel square pipe of any size dia 16 swg	p/mtr		
09	Caste Iron block free form casting defects of different space size	p/kg		
10	Low Alloy Hacksaw blade 300x12mm	p/kg of 100 no.		
11	Cobalt tool bit contain 8% cobalt as per I.S.I. Bipco or an Equivalent a) 1/2"x6" b) 5/8"x6"	each		
12	File handle (wooden) having iron ireful	each		
13	G.I. Pipe B class for water supply a) 15mm b) 20mm c) 25mm d) 30mm	p/fit		
14	Synthetic enamel paint (Ist quality)	p/ltr.		
15	Bib cock brass heavy duty 15mm	each		
16	Bib cock PVC heavy duty 15mm	each		
17	Refrigerant gas R-12	p/kg		
18	Refrigerant oil (compressor oil)	p/ltr.		
19	Transformer Oil (welding transformer)	p/ltr.		
20	Braising Rod 1/16" 30%	p/kg		
21	C.C.M.S. Rod (Feeler rod) 1/16"	p/kg		
22	Black board paint	Ltr		
23	Emery paper of different grade	p/100 no.		
24	Emery cloth of different grade	p/100 no.		
25	Cotton waste white teased	p/kg		
26	Coolant Oil (cutting compound)	p/ltr.		
27	Grease general	p/kg		
28	Grease Bearing	p/kg		
29	Mobil Oil S.A.E. 40 No. a) 5 ltr pack b) 20 ltr. pack	each		
30	Mobil Oil S.A.E. 68 No.	Each		

	a) 5 ltr. b) 20 ltr.			
31	Mobil Oil E.P. 90 No. a) 5 ltr. Pack b) 20 ltr. pack	Each		
32	Capillary tube (copper) for refrigeration shop	p/fit		
33	Capillary tubing (copper)for refrigeration shop any size	p/fit		
34	Hand shat off valve	Each		
35	Charging line for refrigerator	Each		
36	Thermostat expansion valve	Each		
37	Automatic expansion valve	Each		
38	Relay box type	Each		
39	Relay P.T.C. type	Each		
40	Lock Navtal (Godrej) 65mm	Each		
41	Lock Steel (Harrison) 60mm	Each		
	Phenol Dr. Brand	p/ 5 ltr		
	Naphthalene Ball	p/kg		
	Nariyal Jharoo (Broom coconut)	p/kg		
	Toilet cleaner (acid)	p/ltr		
	P.V.C. pipe flexible heavy duty for water supply a) 15mm b) 20mm	p/roll of 30 mtr		