

# **RAYAT SHIKSHAN SANSTHA,SATARA.**

## **TENDER NOTICE**

### **A. Preamble:**

1. In order to facilitate procurement of Workshop Tools & Equipments listed along with specification in Annexure-I, For proposed Rayat Shikshan Sanstha's Industrial Training Institute, Dawadi, Tal. Khed, Dist. Pune invites Quotations from reputed Manufacturers or Companies for obtaining Bids from the interested Bidders as per detail terms and conditions, mentioned below.

### **B. Instructions for Bidder:**

1. Part bidding among the Lots is allowed but Part bidding within one Lot is not allowed. Bidders shall quote for all the items within the lot.

2. The Bidders shall submit their Bid in sealed covers comprising following on or before 30/04/013

(i) One Technical Bid in sealed cover super scribing as "Technical Bid for \_\_\_\_\_ (Lot No. and name of Workshop Tools & Equipments)" and detail address of the bidder comprising following particulars:-

- a) Original copy of Bank Draft for an amount of Rs.1000/- (Rupees One Thousand) only, drawn in favour of "Secretary , Rayat Shikshan Sanstha , Satara" payable at Satara.
- b) Quotation Reference
- c) Name & Registered address of the Bidder
- d) Name of contact person with Phone Number, Mobile Number, Fax Numbers and Email address.
- e) SPECIFICATION QUOTE (Annexure-II)
- f) Technical Literature, Catalogue, Test reports, BIS certificate etc. of the Workshop Tools & Equipments for which bid is submitted.

(ii) One Commercial Bid in sealed cover super scribing as "Commercial Bid for \_\_\_\_\_ (Lot No. and name of Workshop Tools & Equipments)" and detail address of the bidder comprising following particulars:-

- a) PRICE QUOTE (Annexure-III).
- b) Brief profile of the Bidder.
- c) Certificates reflecting experience in the field of manufacturing & supplying of the above said Workshop Tools & Equipments
- d) VAT Regn. No. / CST. No. and their validity. (attested copies to be enclosed)
- e) PAN No. (copy to be enclosed)
- f) Audited accounts balance sheet for the last 3 years. (attested copies to be enclosed)
- g) Latest Income Tax assessment Certificate. (attested copies to be enclosed)
- h) Detail Terms & Conditions of Quotation with signature in each and every page.
- i) Declaration as per proforma furnished at Annexure-IV.
- j) Authorised Delership Certificates , If any.

(iii) Both the bids as mentioned at Sl 1.(i) & 1.(ii) above shall be submitted in a third sealed cover super scribing "Bid for \_\_\_\_\_ (Workshop Tools & Equipments) and detail address of the bidder.

3. All the information shall be duly, properly and exhaustively filled in.

4. All corrections if any must be signed by the participant before submission itself. For filing faulty or incomplete information, the offer is liable for rejection.

5. Preferably documents should be furnished on A4 size bond paper printed/written in one face.

6. At the time of verification of offers, the original documents should be produced for verification if called for.

7. Offers from the bidder shall be in English language.

8. The offers shall be typed or written in ink. Offers written by pencil shall not be accepted.
9. Bidder shall submit offer addressing the 'Secretary , Rayat Shikshan Sanstha, Satara' , in all sealed covers.
10. The bidder shall sign on each and every page of documents furnished in the bid.
11. All corrections if any must be signed by the bidder before submission itself.
12. The authorized signatory representing the bidder who is signing on the bid documents shall attach a copy of authorization from the appropriate authority.
13. Representative participating in the opening of bid shall attach a copy of authorization from the appropriate authority.
14. The rates offered shall be for new items only.
15. The bids either incomplete for want of detailed information on the important points or the bids received after the due date & time shall be rejected.
16. Bids not sealed shall be rejected straight away.
17. Only Technical Bid or only Commercial Bid alone, submitted by Bidders will be summarily rejected.
18. Do not use window envelope.

### C. Eligibility Conditions for Bidder:

1. The bidder(s) shall be a reputed Manufacturer or Authorised Supplier.
2. In case the Technical bid is found not satisfactory by the technical evaluation committee, the bid will be summarily rejected and Commercial Bid shall not be opened.
3. Technical evaluation shall be based on SPECIFICATION QUOTE (Annexure-II), Technical Literature, Catalogue, Test Report, BIS certificates etc. of the Workshop Tools & Equipments furnished by the bidder and must satisfy the required technical specifications mentioned against the Workshop Tools & Equipments in Annexure-I.
4. The Manufacturers or Companies whose products were not found satisfactory in the past supplies to the department/ farmers or quality/ specification of products are under any dispute/ litigation; their bid will be summarily rejected.

### D. General Terms and Conditions:

1. The quoted rate shall be valid for an agreement period of one year from the date of Quotation Notice. The agreement period may be extended based on mutual consent of both parties. No escalation charges will be paid for supply of above listed tools and equipments during the agreement period.
2. Sample of Workshop Tools & Equipments shall be produced for physical examination as and when required.
3. The quoted rate shall be inclusive of delivery of Workshop Tools & Equipments at 'Shrimant Maharaja Fattesinharao Gaikwad Vidyalyaya, Dawadi, Tal. Khed, Dist. Pune'. No additional cost shall be allowed on account of transportation, loading & unloading cost, up to specified delivery points.
4. On receipt of acceptance letter, the successful bidder shall deposit 10% amount of contract value prior to receipt of final order for supply, as Performance Guarantee and will be retained as security deposit till the expiry of warranty period, in the form of Bank Draft in favour of 'Secretary , Rayat Shikshan Sanstha, Satara' Failure to provide Performance Guarantee within 7 days will be treated as cancellation of the contract.
5. Prior to handing over, goods may be physically/ technically verified by Engineers of the Sanstha & may reject the goods if found short of the prescribed specifications.
6. Delivery of goods shall be made in the prescribed period not exceeding 20 days (barring Force Majeure conditions) from the date of intimation to the supplier, failing which the Sanstha will be at liberty to cancel the supply order, de-list the manufacturer or supplier and their performance security will be forfeited.
7. Goods shall be under warranty for a period of minimum 12 months from the date of delivery. Manufacturers or Companies shall furnish terms of warranty along with the offer and must provide free & proper after sales service during warranty period.

8. The successful bidder shall be responsible for providing training regarding operation & maintenance of the machineries to the users and shall be responsible for supplying spare parts of the machinery for a period of at least one year.
  9. The supplies made, shall be invoiced on VAT/CST with Serial No. of invoice printed on it. No invoice other than tax invoice will be accepted. VAT/CST if applicable shall be clearly mentioned in the tax invoice. Rates quoted should be inclusive of all taxes, duties, Cess, Octroi etc. and free delivery at site.
  10. In case of any dispute or difference arises; the parties should attempt to settle the dispute through mutual and amicable discussions. If the dispute is not settled through such discussions, the matter shall be referred / settled as per provisions of Arbitration & Conciliation Act.1996.
  11. It is further to be agreed by the parties that all differences and disputes if not resolved as above, shall be got resolved through the 'Court of Law of Satara' jurisdiction only.
  12. The department reserves the right to accept or reject in public interest any or all of the offers received from the participants or to cancel the Bid process, at any time without any liability to the bidder.
  13. Offer shall be rejected, if at any stage of the Bid process, any participant is found involve in any fraudulent practice or misrepresentation of the facts or tried to influence the Bid process or indulge in any corrupt activities in competing with other Manufacturers or Companies.
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Secretary ,  
Rayat Shikshan Sanstha, Satara

**ANNEXURE – II**  
**SPECIFICATION QUOTE**

Sl. No	Lot No.	Particulars of Workshop Tools & Equipments	Brand/ Model	*Specification
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>

\*Specifications quoted against a particular Brand/Model of Workshop Tools & Equipments must be supported by BIS certificate, Test report, Technical Literature, Catalogue etc. and must satisfy the required technical specifications mentioned against the Workshop Tools & Equipments in Annexure-I.

Place:

Date:

Name & Signature of  
Authorized Person

To be signed by bidder or authorized signatory in each page



**DECLARATION FROM MANUFACTURER / SUPPLIER**

1. I/we have read and understood the Terms and Conditions of Quotation relevant to "Quotation Notice" and I/we have submitted Annexure II & III in accordance with the Terms and Conditions of above Quotation.

2. The information furnished in the offered bid is true and factual and I clearly understand that our offer is liable for rejection, if any information furnished is found not true and factual, at any point of time.

Place:

Date:

Name & Signature of  
Authorized Person

To be signed by bidder or authorized signatory in each page

## Annexure I

Sr.no.	Item	Quantity	Make
<b>LOT NO. 1 Electrical Machines &amp; Accessories</b>			
1.	Load Bank- 5kW( Lamp/Heater Type)	2	Supreme/ ISI mark
2.	Brake test arrangement with two spring balance of 0 to 25 kg rating	2 sets	Tecknogears
3.	DC power supply 0-100 volt, 5 amp	2	Sciencetech/ aplab
4.	Inverter 1 KVA Input 12 volt DC, Output 220 volt AC with 12 battery	1	Microtek/bajaj
5.	Voltage stabiliser – Input 150-230 volt AC, Output 220 volt AC	1	Mocroteck/bajaj
6.	Rheostat 0-1 Ohm, 5 Amp ,0-10 Ohm , 5 Amp , 0-25 Ohm, 1 Amp , 0-300 Ohm , 1 Amp	2 no each	Lab point/ supreme
7.	Laboratory type induction coil 6 volt to 800-10000 volt	1	Any ISI standard make
8.	3-point D.C starters	1	Techno gears/ mocromott
9.	4-point D.C starters	1	Techno gears/ mocromott
10.	Starters for 3-phase, 400 V, 50 cycles, 2 to 5 H.P. A.C motors- a)Direct on line starter b)Star delta starter with manual,semi-auto and automatic c)Auto transformer type starter	1 1 each 1	Crompton/LTLK
11.	Electrical machine trainer- Suitable for demonstrating the construction and functioning of different types of DC machines and AC machines(single phase and three phase). Should be completed with friction brake dynamo meter, instrument panel and power supply units	1 per institute	Any standard make
12.	Motor generator(AC to DC) consisting of: Motor induction squirrel cage, 7HP 400 Volts, 50 cycles, 3-phase with star delta starter and switch directly coupled to DC shunt generator 5 KW 440 volts, and switch board mounted with regulator, air circuit breaker, ammeter, voltmeter knife blade switches and fuses, set complete with case iron and plate, fixing bolts, foundation bolts and flexible coupling	1	Micromott/ Crompton/ techno gears/ ISI mark
13.	Motor generator(DC to AC) consisting of: Motor shunt 5 HP, 440 Volts with starting	1	Micromott/ Crompton/ techno

	compensator and switch directly coupled to generator AC. 3.5 KVA. 400/230 Volts, 3-phase, 4 wire, 0.8 PF 50 cycles with exciter and 1 switch board mounted with regulator, circuit breaker, ammeter, voltmeter frequency meter, knife blade switch and fuses etc. Set complete with cast iron bed plate, fixing bolts, foundation bolts and flexible coupling.		gears/ ISI mark
14.	Used DC generator-series, shunt and compound type for overhauling practice	1 each	Micromott/ Crompton/ techno gears/ ISI mark
15.	D.C shunt generator, 2.5 KW,220 V with control panel	1	Techno gears/ micromott/ ISI mark
16.	D.C compound generator ,2.5 K.W 250 V, with control panel including filed rheostat, voltmeter, ammeter and circuit breaker	1	Technogears/ micromott/ ISI mark
17.	Diesel generator set, 5 KVA, 44 0volt, AC 3 phase with change over switch, over current circuit breaker and water-cooled with armature, star-delta connections.	1	Kirloskar/ Mahindra powerol/ ISI mark
18.	Motor series DC, 220 Volt, 0.5 to 2HP, coupled with mechanical load	1	Techno gears/ mocomott
19.	Motor shunt DC 220 Volt, 2 to 3 HP	2	Techno gears/ micromott/ISI mark
20.	Motor DC compound wound 220 volt 2 to 3 HP with starter and switch	2	Techno gears/ mocomott/ ISI mark
21.	Motor AC squirrel cage , 3-phase 400 volt, 50 cycles, 2 to 3 HP with star delta starter and triple pole iron clad switch fuse	1	Crompton/ kirloskar/ laxmi/ ISI mark
22.	Motor AC phase-wound slip ring type 5 HP 400 volts, 3-phase,50 cycles with starter and switch	1	Crompton/ kirloskar/ micromott/ ISI mark
23.	Motor A.C series type 230 V, 50 cycles, ¼ HP with mechanical load	1	Techno gears/ mocomott/ ISI mark
24.	Motor A.C single phase 230 volt 50 cycles 1 HP capacitor type with starter switch 1 HP	1	Laxmi/ Crompton/ ISI mark
25.	Motor universal 230 volt, 50 cycles ¼ HP with starter/switch	1	Tecno gears/ mocomott/ ISI mark
26.	Stepper motor with digital controller	1	SriSyn, Pune/ ISI
27.	Transformer single phase, 1 KVA ,230 / 115-50-24-12 volts, 50 cycles core type, air cooled.	3	AE/ ME/ Shakti/ ISI
28.	Transformer three phase, 5 KVA , 440/230 volts, 50 cycles, delta/star, shell type oil cooled	2	Shakti/ AE/ ISI



29.	Variable auto transformer 0-250 V, 8 amps	2	AE/ meco/ shakti
30.	A.C.B. 5KVA	1	L/T , Siemens/ datar
31.	M.C.B. 16 amp	1	Vinay/ anchor
32.	Thyristor/IGBT controlled D.C motor drive 1 HP with tacho-generator feedback arrangement	1	Any ISI standard make
33.	Thyristor/IGBT controlled A.C motor drive with VVVF control . 3 Phase 2 HP	1	Any ISI standard make
34.	Battery charger with variable output 1 KW	1	Any ISI standard make

### LOT NO.2 Domestic Appliances

1	Domestic appliances –		Roxy, recold
	a)Electric hot plate 1500 watt, 220 V with temperature control	2	
	b)Electric kettle, 100 watts,230 V	2	Roxy/recold
	c)Electric iron,1200 watts,230 V with temperature control	2	
	d)Immersion heater 750/1000/1500 W-230 V	2	Roxy/recold
	e)Geyser 25 litre 240 V(Storage type)		
	f) Fan AC 230 V, 1200 mm ceiling	1	Recold/ bajaj/
		2	Usha/Crompton/ISI

### LOT NO. 3 Measuring Instruments, Switches & Relays

1.	Multimeter 0 to 100M ohm 2.5 to 500 V	6	Motwane/Meco/sci entech
2.	Digital multimeter 3 ½ digit	2	Meco/HCLI
3.	AC voltmeter MI 0-500V	1	AE/Meco/scientech
4.	Milli voltmeter centre zero 100mv-0-100mv	1	AE/Meco/scientech
5.	DC milliammeter 0-500 mA	1	AE/Meco/Scientech
6.	DC ammeter MC 0-1A	1	AE/Meco/Scientech
7.	Ammeter MC 0-5 A	1	AE/Meco/Scientech
8.	Ammeter MC 0-15-25 A	1	AE/Meco/Scientech
9.	A.C Ammeter M.I 0-5 A	1	AE/Meco/Scientech
10.	A.C Ammeter M.I 0-15-25 A	1	AE/Meco/Scientech
11.	K.W. Meter 0-1-3 Kw	2	Meco/Jaipur
12.	A.C Energy Meter(single phase 5 amp. 230 V)	1	Jaipur/Meco/Ae
13.	Single phase power factor meter	1	IMP/AE
14.	Frequency Meter	1	IMP/AE
15.	Tacho meter with stop watch	2	Meco/Agronic
16.	Current transformer	2	AE/ ISI mark
17.	Potential transformer	2	AE/ ISI mark
18.	Growler	1	R Pranav & co Mumbai
19.	Tong tester/ Clamp meter 0 – 100 Amp. AC	1	Meco/HCL
20.	Megger 500 volts	1	IMP/meco
21.	Wheat stone bridge complete with galvanometer and battery	1	Tosniwal/ ISI make

22.	Relays- Over current,undervoltage,etc. 3 volt,100 amp	2 each	L&T/ minilec
23.	Contactora 3 phase,440 volt,16 amp.2 NO&2 NC auxiliary contacts	2	LTLK,delcon, shakti
24.	Contactora 3 phase, 440 volt, 32 amp. 2NO @ 2NC auxiliary	2	LTLK, delcon, shakti
25.	Limit Switch	2	Datar, LT
26.	Rotary Switch 16 A	2	BHEL/ ISI mark
27.	Knife switch DPDT fitted with fuse terminals 16 amp	12	Datar/ ISI mark
28.	Flux meter	2	Lab point
29.	Cut out,reverse current, over load, under voltage relays	1 each	L&T/ minilec
30.	Knife switch TPDT fitted with fuse terminals 16 amp	12	Datar/ ISI mark
31.	Oscilloscope- Dual Trace, 30 MHz	1	Aplab/ scientech
32.	Function generator	1	Scientech/ aplab
33.	Discrete component trainer	1	Any standard
34.	Linear I.C Trainer	1	Aplab, any standard
35.	Digital I.C Trainer	1	Anshuman, any standard
36.	Hydrometer	1	Any ISI standard make

### **Lot No. 4 General**

1.	Rule wooden 4 fold 60 mm	16	ISI mark
2.	Blow lamp 0.5 litre	2	Prisam
3.	Melting pot	1	ISI mark
4.	Ladle	2	ISI mark
5.	Drill machine hand 0 to 6 mm capacity	1	LOCAL
6.	Oil can 12 litre	2	Local make
7.	Grease gun	1	ISI mark
8.	Rawl plug tool & bit	2 set	Local make
9.	Thermometer 0 to 100 deg.centigrade	1	ISI mark
10.	Scissors blade 150 mm	4	ISI mark
11.	Bench working 2.5m x 1.20 x 0.75 m	4	Local make
12.	Almirah 2.5 x 1.2 x 0.5 m	1	Local/ Godrej
13.	Instructors table	1	Local make
14.	Instructors chair	2	Local make
15.	Fire extinguisher	2	ISI mark
16.	Fire buckets	4	ISI mark
17.	Metal rack 100 x 150 x 45 cm	4	Local make
18.	Lockers with 2 drawers-standard size	2	Godrej/ local make

### **Lot No. 5 Hand Tools**

1.	Plier insulated 150 mm	16	taparia
2.	Plier side cutting 150 mm	16	taparia
3.	Screw driver 100 mm	16	taparia

4.	Screw driver 150 mm	16	taparia
5.	Electrician connector screw driver 100 mm insu. handle	16	taparia
6.	Heavy duty screw driver 200 mm	16	taparia
7.	Electrician screw driver 250 mm thin stem insu. handle	16	taparia
8.	Punch centre 150 x 9 mm	16	taparia
9.	Knife double bladed electrician	16	ISI mark
10.	Neon tester	16	taparia
11.	Rule steel 300 mm	16	crystal
12.	Saw tenon 250 mm	16	ISI mark
13.	Hammer cross peen 115 gm. with handle	16	Taparia
14.	Hammer ball peen 0.75 kg with handle	16	Taparia
15.	Firmer chisel wood 12 mm	16	Taparia
16.	Gimlet 6 mm	16	ISI mark
17.	bradwal	16	ISI mark
18.	Scriber 150 x dia 4 mm (knurled centre position)	16	Taparia
19.	Pincer 150 mm	16	ISI mark
20.	C. CLAMP 200MM, 150 MM, 100 MM	2 Each	Taparia
21.	Spanner 150 mm adjustable 15 degree	2	Everest/Jannani
22.	Chisel cold firmer 25 mm x 200 mm	2	Taparia
23.	Chisel 25 & 6 mm	4	taparia
24.	Allen key	1 set	ISI mark
25.	Pulley puller	1	ISI mark
26.	Bearing puller	1	ISI mark
27.	Crimping tool	1 set	ISI mark
28.	Wire stripper 20 cm	1	Taparia
29.	Chisel cold flat 12 mm	4	Taparia
30.	Mallet hard wood 0.50 kg.	4	ISI mark/ local make
31.	Hammer exeter type 0.4 kg	8	Taparia
32.	Hacksaw frame 200mm,300 mm adjustable-2nos each	4	Local make
33.	Squire try 150 mm blade	4	Samrat/sagar
34.	Plier flat nose 100 mm	4	Taparia
35.	Plier gas round nose	4	Taparia
36.	Plier gas 150 mm	4	Taparia
37.	Tweezers 100 mm	4	Local make
38.	Snip straight 150 mm	2	ISI mark/ local make
39.	Snip bend 150 mm	2	ISI mark / local make
40.	Spanner DE metric standard set	2	Taparia
41.	Drill hand brace 0 to 100 mm	4	ISI mark
42.	Drill SS twist block, set of 2,5,6 mm	4 sets	Mrinda/ Toteam
43.	Plane, smoothing cutters 50 mm	4	ISI mark
44.	Guage wire imperial	2	ISI mark

45.	File flat 200 mm 2 <sup>nd</sup> cut	8	JK files/ sunflower
46.	File half round 200 mm 2 <sup>nd</sup> cut	4	JK files/ sunflower
47.	File round 200 mm 2 <sup>nd</sup> cut	4	JK files/ sunflower
48.	File flat 150 mm rough	4	JK files/ sunflower
49.	File flat 250 mm bastard	4	JK files/ sunflower
50.	File flat 250 mm smooth	4	JK files/ sunflower
51.	Rasp half round 200 bastard	4	JK files/ sunflower
52.	Pipe cutter to cut pipes upto 5 cm dia.	1	Taparia/ local make
53.	Pipe cutter to cut pipes above 5 cm dia.	1 set	Taparia/ local make
54.	Stock & die set for 20 mm to 50 mm GI pipe	1 set	ISI mark/ local make
55.	Stock & dies conduit	1	ISI mark/ local make

### **Lot No. 6 Machine Tools for Electrician**

1.	Pillar electric drill machine 12 mm capacity	1	Prabhat/ Royal
2.	Out side micro meter 0 to 25 mm	1	Mitutoyo
3.	Bench grider motorised	1	Prabhat/ Royal/ISI mark
4.	Divider 150 mm inside outside calliper	4(2 each	Mitutoyo
5.	Iron soldering 25w,65w,125w-4 each	12	Solderon
6.	Copper bit soldering iron 0.25 kg	4	Solderon/ local make
7.	Desoldering gun	4	solderon
8.	Vice hand 50 mm jaw	4	Apex/ Shivaji
9.	Vice table 100 mm jaw	8	Apex/ Shivaji
10.	Vice hand 50 mm jaw	4	Apex/ Shivaji

## TOOLS & EQUIPMENT FOR THE TRADE OF ELECTRICIAN

### List of tools and equipment For the Trade Welder (Gas and Electric)

Sir No	Name of The tools and equipment	Quantity	Make
<b>Lot No.7 Welding Machine and Accessories</b>			
1.	Transformer welding set 300 amps. – continuous welding current, with all accessories and electrode holder	1 set	Advani/ Esab
2.	Welder cable to carry 400 amps. With flexible rubber cover	50 Meter	Advani/ Esab
3.	Lungs for cable	12 Nos.	ISI Make
4.	Earth clamps	2 Nos.	ISI Make
5.	Arc Welding table (all metal top) 122 cm*12cm*60cm with positioner.	1Nos.	Local ISI Make
6.	Oxy – acetylene gas welding set equipment with hoses, regulator and other accessories.	1set	Esab India Ltd.
7.	Gas welding table with positioner	1 No.	Local
8.	Welding torch tips of different sizes	1 set	Esab India Ltd.
9.	Welding torches 5 to 10 nozzles	1 set	Esab India Ltd
10	Welding torches with 10 nozzles 2 to 45 low pressure with nozzles	6 sets  2 sets	ESAB India Ltd.
11	Metal powder spray equipment for metalizing and hard facing kit “Oxy-acetylene manual process”	1 kit	ESAB / Advani
12	Earth clamps	12 Nos.	Local Make
13	Pipe cutters (cap. 50 mm dia)	1 set	

14	Cutting torch Oxy-acetylene with nozzle 3/64	2 sets	ESAB India Ltd.
15	Heavy duty cutting and soughing nozzles	1 sets	
16	Electrodes holders 400 amps	6 Nos.	
17	Welding rubber hose ,oxygen and acetylene 8mm each	65 metres	
18	Rubber hose clips	50 Nos.	Esab Ind. Ltd.
19	Spindle key(for opening cylinder valve)	8 Nos.	ESAB India Ltd.
20	Pressure regulator oxygen double stage	8 Nos.	
21	Pressure regulator acetylene regulator	8 Nos.	
22	Tip cleaner	8 Nos.	
23	Transformer welding type current with all accessories		ESAB India Ltd/ Advani.
	300 A	2 sets	
	400A	2 sets	
24	Arc welding set rectifier 300 to 450 amps continuous welding current with all accessories	1 sets	ESAB India Ltd/ Advani
25	Welding generator DC rotary set 200- 300 amps with all accessories	1set	ESAB India Ltd/ Advani
26	CO2 welding machine complete 400 amps	1 sets	ESAB India Ltd/ Advani
27	TIG welding sets complete AC/DC	1 sets	Advani
28	Welding cables to carry 350 amps with flexible rubber	45 metre	Esab
29	Lugs for cables	24 Nos.	Local Make
30	Oxygen cutting machine(line and circle)	1	ESAB India Ltd/ Advani
31	Gas welding table 822 cm* 92 cm*60cm fire	6 for one each	Local Make

	bricks on positioner	trainee	
32	Arc welding table all metal with positioned 122cm*92cm*60 cm	6	Local Make
33	Trolley for cylinder(H.P.unit)	2	Local Make
34	Bench shear capacity up to 5 mm	1	
35	D.E.grinder 30 cm wheel motorized pedestal type	1	Greaves
36	Vice bench 10 cm	6	Apex
37	Power Hacksaw	1	Dewalt / Samrat
38	Electrode drying oven thermostatically control temperature 0-250 c 10 kg cap.	1 No	ESAB/ Advani
39	AG 7 grinder	1	KPT
40	Portable drilling machine (cap. 6 mm)	1 No	KPT
41	Braze weld equipment brazier which can be used with exiting welding transformer	1 No	Local

<b>Lot No.8 Welding Hand tools</b>			
1.	Hammer sledge double faced 3 kg	1 no.	Tapariya
2.	Pipe wrench 25 cm and 35 cm	1 each	Tapariya
3.	Outfit spanner	8 Nos.	Tapariya
4.	Hammer scaling 0.25kg with handle	12	Tapariya
5.	Chisel cold flat 19mm	12	
6.	Center punch 9mm*127cm	12	
7.	Dividers 20cm	12	
8.	Caliper outside 15cm	12	
9.	Trolley for gas cylinders	1No	Local Make

10.	Chipping hammer.	2 Nos.	Tapariya
11.	Spindle key for cylinder valve	2 Nos	Local Make
12.	Chipping hammer	12	Tapariya
13.	Scriber 15 cm	12	
14.	Tongs holding 30 cm	12	Akar Make
15.	Hammer ball pen 1 kg with handle	4	Tapariya
16.	Chisel cold cross 9mm	8	Tapariya
17.	Screw Driver 25cm blade and 20cm blade	1 each	Tapariya
18.	Number bunch 6 mm and letter punch 6 mm	1 set	Local Make
19.	Hacksaw frame adjustable 30cm	4	Local ISI Mark
20.	Hammering blocks 5 cm thick 60 sq.	2	ISI Mark
21.	Magnifying glass 15 cm	4	ISI Mark
22.	Weld measuring gauge fillet and butt	2	ESAB India
23.	File half round bastard 30 cm	6	JK Files/Shivaji
24.	File flat 35 cm rough	6	JK Files/ Shivaji
25.	Spanner 12 mm and 15 mm double ended	4	Tapariya
26.	Spanner D.E. 6mm to 15 mm 1.5mm set of Nos.	1 set	
27.	Clamps 10cm,15 cm,20 cm,30 cm	2 each	Local ISI
<b>Lot No.9 General</b>			
1.	Metal rack 182cm*152cm*45cm	1	Local
2.	Instructors table (steel)	1	Make ISI Mark
3.	Black board with easel	1	
4.	Instructors chair (steel )	1	
5.	First Aid Box	1	Local ISI Mark



6.	Welding helmets	6 nos.	
7.	Fire buckets with stand	3 nos.	Local Make
8.	Steel lockers with 8 pigeon holes	2 nos.	
9.	Gas lighter	6 Nos.	
10.	Gloves (Leather)	2 pairs	
11.	Leather apron	2 Nos.	Local Make
12.	Welding goggles	4 pairs	Local Make
13.	Welding helmet with coloured glass	2 Nos.	
14.	Tip cleaner	10 sets	
15.	Spark lighter	12	
16.	Safety boots for welders	12 pairs	
17.	Safety goggles	12 pairs	Local Make
18.	Square blade 15 cm	12	Tapariya
19.	Rubber hose pipe black and red 5 mm	30 mt.	ESAB India Ltd.
20.	Leather sleeves	12 pairs	Local Make
21.	Gloves pair leather	12	
22.	Apron leather	12	
23.	Screen Welding helmet type	12	ESAB India Ltd.
24.	Screen welding hand	12	
25.	Goggles pair welder	12	
26.	Rule 60cm two fold brass topped read inches and mm	12	
27.	Wire brush 15cm*3.7cm	12	Local Make
28.	Brass rule 30cm or nickel chrome steel rule 30cm	4	Crystal Make

29.	Steel tape 182 cm flexible in case	3	Crystal
30.	Tinman's square 60 cm *30 cm	1	ISI Mark

### Fitter Tools List

Sl.	Tools & Equipment for Workshop	Make	Total Item
<b>Lot No.10 Hand Tools</b>			
1	Square Try 10cm blade	Bharat/Samrat	17
2	Caliper Outside 15cm spring	Bharat/Samrat	17
3	Caliper Inside 15cm spring	Bharat/Samrat	17
4	Caliper 15cm spring Hermaphrodite	Bharat/Samrat	17
5	Divider 15cm spring	Bharat/Samrat	17
6	Straight Scriber 15cm	Bharat/Samrat	17
7	Punch Centre 10cm	Bharat/Samrat	17
8	Screwdriver 15cm	Standard	17
9	Chisel Cold Flat 10cm	Gaurav	17
10	Hammer Ball Pein 0.45kg with handle (1 lbs)	<i>Tapariya</i>	17
11	Hammer Ball Pein 0.22kg with handle (1/2 lbs)		17
12	File Flat 25cm Second Cut	J.K.Files	17
13	File Flat 25cm Smooth		17
14	File Half round second cut 15cm		17
15	Hacksaw Frame Fixed	Jolly	17
16	Dot Slot Punch 10cm	Bharat/Samrat	17
17	Square Adjustable 15cm blade	Standard	2
18	punch letter 3mm set	<i>Tapariya</i>	1
19	punch number 3mm set		1
20	punch hollow 6 to 19mm (Set of 5)		1
21	Punch round 3mm * 4mm (set of 2)		1
22	Taps & Die Set Complete Set B.A.	<i>Mrinda / Toteam</i>	1
23	Taps & Die Set Complete Set Withworth		1
24	Taps & Die Set Complete Set 3-18mm	Alps/Metro	1

25	File Warding 15cm Smooth		4
26	File Knife Edge 15cm Smooth		4
27	File Cant Saw 15cm smooth		4
28	File Feather Edge 15cm smooth		4
29	File Triangular 15cm smooth		2
30	File Round 20cm 2nd cut		8
31	File Square 15cm 2nd cut		4
32	File Square 25cm 2nd cut		4
33	Feeler Guage 10blades		1 set
34	File Triangular 20cm 2nd cut	<i>JK Files/ Sunflower/sher</i>	8
35	File Flat 30cm 2nd cut		8
36	File Flat 20cm Bastard		8
37	File Flat 30cm Bastard		8
38	File Swiss type needle set of 10pcs		2 set s
39	File Half round 25cm second cut		8
40	File Half round 25cm bastard		4
41	File Round 30cm bastard		4
42	File Hand 15cm 2ndCut		8
43	Card File		8
44	Stone Oil 15cm*5cm*2.5cm		4
45	Stone Carborandum 15cm*5cm*2.5cm	Carborandum	2
46	Plier Combination 15cm		2
47	Iron Soldering 350gms		2
48	Spanner D/E 6 to 25mm Set of 10pcs	Standard	8
49	Spanner Adj 15cm	<i>Evrest/ Jananni</i>	2
50	Interchangeable ratchet socketset 8to32mm	King Tony	1 set
51	Apollo Box Spanner Set 6to 22mm	Taparia	1 set
52	Pipe Wrench 45cm	Tiger / Leader	1
53			
54	Pipe Wrench 30cm	Tiger / Leader	1
55	Pipe Vice No4	Humma / Metro	2
56	Adj Pipe Die Set 1/2" to 1" (15 to 25mm)	Humma / Metro/ <i>Tapariya</i>	1
57	Adj Pipe Die Set 1 1/4" to 2" (32 to 50mm)	Humma / Metro/ <i>Tapariya</i>	1
58	Wheel Dresser	Samrat/Sagar	1
59	Hand Hammer 1kg(2lb) with Handle	Standard	2
60	Hammer Smith 2kg(4lbs) with handle	Standard	2
61	Tongs Round 350mm	C.I./ akar	2
62	Tongs Flat	C.I./ akar	2
63	Smiths Square 45cm * 30cm	NVR	1
64	Cold Set Rodded 25 * 200mm	C.I./ akar	2
65	Hot Set Rodded 25 * 200mm	C.I./ akar	1
66	Swages Top & Bottom (2pcs set) 19mm	C.I.	1 each

67	Swage Block 30*30*12cm	C.I.	1
68	Flatters (Rodded)	C.I.	2
69	Fuller Top & Bottom	C.I.	2
70	Shovel	Standard	2
71	Trammer 25cm	Bharat/Samrat	1
72	Prick Punch set of 4pcs	Bharat/Samrat	2
73	Mallet wooden	Standard	2
74	Snips Straight 25cm	Standard	2
75	Setting Hammers with handle	Standard	2
76	Planishing Hammer	Standard	2
77	Snip Bent 25cm	Standard	2
78	Stake Hatchet	C.I.	2
79	Stake Grooving	C.I.	2
80	Guage Imperial Sheet	Technika	1
81	Carbide wear block 1 mm-2mm.	ISI Mark	2 each
82	Stilson Wrenches 250cm	Taparia	2
83	Spanner Monkey upto 5cm	Taparia	1
84	Water pump plier 250mm	Taparia	1
85	Pipe Cutter 6 to 50mm Wheel Type	Forger	1
86	Pipe Vice to grip pipe upto 50mm	Standard	1
87	Pipe Stock & Dies Set 1/2,3/4,1,1-1/4,1-1/2,2	Metro	1
88	Adjustable Spanner 38cm long	Taparia	1
89	Adjustable Pipe Chain Type 3 to 63cm	Tiger / Leader	1

### **Lot No. 11 Measuring Instruments**

1	Micrometer Outside 0-2.5cm	Mitutoyo	3
2	Micrometer Outside 25-50	Mitutoyo	3
3	Micrometer Outside 0-1"	Mitutoyo	4
4	Micrometer Outside 50-75	Mitutoyo	2
5	Micrometer Inside 5-30	Mitutoyo	1
6	Vernier Caliper 20cm	Mitutoyo	1
7	Vernier Height Guage 30cm	Mitutoyo	1
8	Vernier Bevel Protractor	Mitutoyo	1
9	Screw Pitch Guage	Technika	1
10	Wire Guage, Metric, Standard	Technika	1
11	Guage Slip as Johnson Metric Set	Aerospace	1 set
12	Guage snap Go 25 to 50 mm by 5mm. set of 6 pcs .	Accurate	1 set

13	Guage Telescopic 15 to 150mm	Aerospace	1
14	Dial Test Indicator .01mm on stand	Aerospace	1
15	Sine bar 125mm	Bharat/Samrat	1
16	Sine bar 250mm	Bharat/Samrat	1
17	Dial Vernier Caliper 150mm LC 0.05mm	Aerospace	1
18	Depth Micrometer 0-100mm 0.01mm	<i>Mitutoyo</i>	1
19	Vernier Caliper 0-150mm 0.02mm	<i>Mitutoyo</i>	1

### **Lot No. 12 Workshop Equipments.**

1	Machine Vice 10cm	<i>Apex/ Shivaji</i>	1
2	Machine Vice 15cm		1
3	Vice Bench 12cm Jaw	<i>Apex/ Shivaji</i>	16
4	Vice Leg 10cm Jaw		1
5	Bench working 240*120*90 cm	Local Make	4
6	Almirah 180*90*45 cm	Godrej	2
7	Machine vice 3"	<i>Apex/ Shivaji</i>	2
8	Anvil 50 Kgs	C.I.	2
9	Anvil Stand	MS Angle	2
10	Anvil 50 Kgs on Stand	Standard	2

### **Lot No. 13 Safety Devices.**

1	Leather Apron	Standard	2
2	Glass Magnifying 7cm	Optical	2
3	Wing Compass 25.4 or 30cm	Bharat/Samrat	2
4	Fire Extinguisher	Standard	1
5	Fire Bucket	Standard	2

### **Lot No. 14 Workshop Machines.**

1	Portable Electric Hand Drill 0 to6/10mm		2
2	Drilling Machine Pillar Type 0-20mm capacity with Motorised chuck and key	Laxmi Motor/ prabhat/ royal	1
3	Drilling Machine Pillar Type 0-12mm capacity with Motorised chuck and key	Laxmi Motor/ prabhat/ royal	2
4	Forge Portable Hand Blower 38cm	Standard	1
5	Grinding Machine Bench type with 20cm dia with 2 wheels rough and smooth	Standard	1

### **Lot No. 15 Cutting Tools.**

1	Lathe Tools 6mm * 75mm	Miranda	12
2	Lathe Tools 8mm * 75mm	Miranda	12
3	Lathe Tools 10mm * 75mm	Miranda	12
4	ArmStrong Type Tool Bit Holder R.H 8mm	Bharat/Samrat	2
5	ArmStrong Type Tool Bit Holder L.H 8mm	Bharat/Samrat	2

6	ArmStrong Type Tool Bit Holder Straight 8mm	Bharat/Samrat	2
7	Drill Twist s/s 1.5 to 12mm	ITM	1 set
8	Drill Twist s/s 8 to 15mm	ITM	1 set
9	Sleeve Drill Morse 0-1,1-2,2-3 (3pcs)	Samrat/Sagar	1
10	Drill Twist Taper 6 to 25mm by1mm(20pcs)	HSS	1 set
11	Drill Chuck 12mm	San / Sharp	1
<b>Lot No.16 General</b>			
1	Can Oil 0.25litre	Datsun	2
2	Locker with 6 drawers (standard size)	Godrej	2
3	Metal rack 182*182*45 cm	Local Make	1
4	Instructor table	ISI	1
5	Instructor chair	ISI	1
6	Black board with easel	ISI	1
7	Rake	Standard	2
8	Pocker	Sanam	1
9	Handle (Wooden)	Standard	2

*General Machinery installations:-*

1. \* *Electric furnace with capacity 600<sup>0</sup>C to 1400<sup>0</sup> C      1 No*
2. ***Lathe** all geared head stock S.S. and S.C. height of centre over bed 1.5 cm- gap head complete with accessories e.g. pump, all fittings and splash guard driving plate with drives , face plate 3 Jaws and 4 jaw chucks fixed and traveling steady compound turret tool post, taper turning attachment , fixed and running centers, driving dogs straight and bent tails.  
2 No*

*Make – ANIL / Madras Machine Tool/PMT*