

Dalmia Private Industrial Training Institute  
AT- Jhagarpur, PO. - Kesramal  
Rajgangpur-770017

Minutes of Institute Management Committee Meeting held on 12.03.2023

The Management Committee Meeting was held on 12.03.2023 at 3.00 PM at Dalmia Pvt. ITI, Rajgangpur.

**Members present:**

1. Sri Prakash Agarwal
2. Dr. Niladri Bhusan Parhi
3. Sri Om Prakash Agrawal
4. Sri Debabrat Pradhan

**Members absent:**

1. Sri Chetan Shrivastav
2. Sri Deepanjan Dey
3. Sri Arbind Kumar Singh

Sri Prakash Agarwal chaired the meeting and following points were discussed and resolved unanimously.

**Fresh Points**

1. Increase of seats in Electrician, Fitter, COPA, Welder and Introduce of new Trade Solar Technician

The Principal briefed before MC in regard to increase of seats in Electrician, Fitter, COPA, Welder and to Introduce new Trade Solar Technician – 1 year trade for generating additional revenue. The MC unanimously agreed and approved for increasing of seats in above trades as well as to introduce of new trade w.e.f 2023-24 subject to receive funds from STRIVE PROJECT. The previous intake capacity was 228 / 328 alternate year and new intake capacity will be 392 / 572 alternate year.

Infrastructure for new trade and additional units of existing trades will be developed by the Institute from its own fund and required tools, equipments and machineries will be procured from STRIVE PROJECT funds from Govt. of India.

2. Construction of Class rooms, workshops for additional Electrician Trade, Solar Technician Trade & Library

Principal placed a request for construction of 4 Class rooms, required workshops for additional Electrician Trade, Solar Technician Trade & Library, the MC approved & advised Principal to get estimation, drawings & bills of materials from Civil department, DCBL, Rgp. The total expenses to be incurred from DITI accounts.

**Other Points**

1. STRIVE PROJECT

The Principal briefed before MC about STRIVE PROJECT which was under process at Govt. of India through State Directorate of Technical Training & Education, Odisha. The sanctioned amount to DITI is 2

cores as under B -Category Institute. As per the guidelines of the STRIVE PROJECT manual, the expenses incurred towards procurement of Tools, Equipments, Machineries, up gradation of lab, smart board for class room, projectors, Library books, computers etc. but not for building constructions & furniture. This project is for 5 years and sanction amount will be released in different spells. After submitting the utilization certificate of one spell amount, next spell amount will be released. The Chairman advised Principal, Sri O P Agarwal & Sri Prakash Agarwal to look into the expenses of the STRIVE PROJECT fund jointly.

## 2. Change of Logo

Principal proposed about the change of old logo to new logo as shown to MC. MC agreed & approved for new logo which will have similarity to DCBL logo & rectified the new logo.

## 3. Annual Procurement Plan FY 2023-24 for STRIVE PROJECT

Principal placed Annual Procurement Plan FY 2023-24 for STRIVE PROJECT before Management Committee, the Committee unanimously approved the Plan. Please vide Annual Procurement Plan FY 2023-24 in Annexure – 1 enclosed.

## 4. Increase of contract demand of Electricity

As Institute increases seats and expands infrastructures for seeking affiliation, accordingly contract demand of electricity supply will be hiked from present contract demand 60KW to 75 KW as per guidelines. In principle, the MC approved for new contract demand 75 KW for the Institute.

The meeting was ended with vote of Thanks to the chair.

*Prakash Agarwal*

(Prakash Agarwal)

Chairman  
IMC Chairman

Dalmia Private Industrial Training Institute  
Rajgangpur

Signature of the Members present:

1. Dr. Niladri Bhushan Parhi

*Niladri Bhushan Parhi*

2. Sri Om Prakash Agrawal

*Om Prakash Agrawal*

3. Sri Debabratt Pradhan

*Debabratt Pradhan*

Annual Procurement Plan FY 2023-24 under Strive Project

Annexure - 1

1. ICT Infrastructure	Rs. 775000/-
2. Litter	Rs. 2266050/-
3. Welder	Rs. 46420.10/-
4. COPA	Rs. 3961000/-
5. Machinist	Rs. 46000/-
6. Electrician	Rs. 2992082/-
7. Solar Technician (Electrical)	Rs. 5289280/-

Total : Rs. 1, 98, 71,452/- (Estimated Cost)

**1. ICT infrastructure**

#	Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR)	Total (in INR)	Method of Procurement(e.g. Shopping/Competitive Bidding)
1	Up gradation of Internet	50 MBPS	All Trade	1 No.	Rs.50000	Rs.50000	CompetitiveBidding
2	Desktop Computer	CPU: 64 Bit, i7 12th Generation processor, Speed: more than 3 GHz. RAM: 8 GB, 1TB SSD, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor 19" LED With HDMI Connectivity 6*Licensed Windows 10 Operating System * MS Office *Antivirus Quick Heal Total Security (3	All Trade	5 Nos.	Rs. 85,000.00	Rs. 4,25,000	CompetitiveBidding

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		Years License) * Manufacturer Warranty 3 Years					
3	MS WINDOWS 11 OS	64 Bit	All Trade	20 Nos.	Rs. 15,000	Rs. 3,00,000	Competitive Bidding
						Total Rs. 7,75,000	

## 2. Fitter

#	Name of items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR/lakh)	Total (in INR/lakh)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1	Steel Rule with metric & British graduation	150 mm, Stainless steel	Fitter	12 Nos.	Rs. 120	Rs. 5040	Competitive Bidding
2	Try Square	150 mm Made	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
3	Caliper (Vernier) spring type	150 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
4	Caliper (Vernier) with 150 mm type	150 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
5	Try Square	150 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
6	Dividers (Vernier type)	150 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
7	Scriber	150 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
8	Centre Punch	10 mm and length 120 mm	Fitter	12 Nos.	Rs. 120	Rs. 1440	Competitive Bidding
9	Screw driver	150 mm Insulated flat type	Fitter	12 Nos.	Rs. 250	Rs. 3000	Competitive Bidding
10	Chisel cold flat	20 mm X 150 mm High carbon steel	Fitter	12 Nos.	Rs. 250	Rs. 3000	Competitive Bidding







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11	Hammer ball peen with handle	220 grams (1/2 lb)	Fitter	12 Nos.	Rs. 170	Rs. 15540	Competitive Bidding
12	File flat second cut	250 mm	Fitter	12 Nos.	Rs. 160	Rs. 14700	Competitive Bidding
13	File flat smooth	250 mm	Fitter	12 Nos.	Rs. 380	Rs. 15060	Competitive Bidding
14	File 1/4" round second cut	150 mm	Fitter	12 Nos.	Rs. 340	Rs. 11760	Competitive Bidding
15	File 1/4" round third cut	100 mm	Fitter	12 Nos.	Rs. 100	Rs. 12600	Competitive Bidding
16	File 1/4" round fourth cut	100 mm	Fitter	12 Nos.	Rs. 500	Rs. 8400	Competitive Bidding
17	Ball Peen Hammer with handle	450 gms (1 lb)	Fitter	10 Nos.	Rs. 500	Rs. 15,000	Competitive Bidding
18	File Flat Second Cut with edge	300mm	Fitter	08 nos.	Rs. 150	Rs. 2500	Competitive Bidding
19	File card	1" X 1/2" size, brass or steel wire	Fitter	06 nos.	Rs. 250	Rs. 2000	Competitive Bidding
20	Different Profile Gauge (Plate Type)	Metric Standard	Fitter	16 nos.	Rs. 7000	Rs. 1,12,000	Competitive Bidding
21	Lapping Plate	Dia 6"	Fitter	08 nos.	Rs. 7000	Rs. 56000	Competitive Bidding
22	Cast Iron globe valve (Flanged Type)	150 NB, Class = 150, Flange : ANSI125 - B16.1	Fitter	08 nos.	Rs. 20000	Rs. 1,60,000	Competitive Bidding
23	Stop Cock	25 NB (2 way, Threaded end)	Fitter	08 nos.	Rs. 1500	Rs. 12,000	Competitive Bidding
24	Gaguge Snap Go and Not Go	25 to 50 mm by 5mm. Set of 6 Pcs.	Fitter	02 Sets	Rs. 10,000	Rs. 20,000	Competitive Bidding
25	Carbide wear block	1mm - 2mm	Fitter	02 nos. each	Rs. 1000	Rs. 2000	Competitive Bidding
26	Vernier height gauges	0 - 300 mm with least count = 0.02 mm	Fitter	02 nos.	Rs. 7500	Rs. 15000	Competitive Bidding
27	SS & SC Centre Lathe (all geared) with minimum specification	Centre height 150mm & Centre distance 1000mm along with 3 & 4 jaw chucks, auto feed system, safety guard, taper turning attachment, motorized coolant system, lighting arrangement & standard accessories	Fitter	2 Nos.	Rs. 8,00,000	Rs. 16,00,000	Competitive Bidding
Total						Rs. 21,66,060	

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### 3. Welder

#	Name of items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR)	Total (in INR)	Method of Procurement(e.g. Shopping/Competitive Bidding)
1	Welding helmet fiber		Welder	21 Nos.	Rs. 550	Rs. 11550	Competitive Bidding
2	Welding hand shield fiber		Welder	21 Nos.	Rs. 500	Rs. 10500	Competitive Bidding
3	Chipping hammer	with metal handle 250Grams	Welder	21 Nos.	Rs. 420	Rs. 8820	Competitive Bidding
4	Chisel cold	flat 19 mm x 150 mm	Welder	21 Nos.	Rs. 240	Rs. 5040	Competitive Bidding
5	Centre punch	9 mm x 127 mm	Welder	21 Nos.	Rs. 160	Rs. 3360	Competitive Bidding
6	Dividers	200 mm	Welder	21 Nos.	Rs. 350	Rs. 7350	Competitive Bidding
7	Stainless steel rule	300mm	Welder	21 Nos.	Rs. 250	Rs. 5250	Competitive Bidding
8	Scriber	150 mm double point	Welder	21 Nos.	Rs. 170	Rs. 3570	Competitive Bidding
9	Flat Tongs	350mm long	Welder	21 Nos.	Rs. 620	Rs. 13020	Competitive Bidding
10	Hack saw frame	fixed 300 mm	Welder	21 Nos.	Rs. 200	Rs. 4200	Competitive Bidding
11	File half round	standard 100 mm	Welder	21 Nos.	Rs. 200	Rs. 4200	Competitive Bidding
12	File flat	100 mm standard	Welder	21 Nos.	Rs. 200	Rs. 4200	Competitive Bidding
13	Hammer ball peen	1kg with 1/2 inch	Welder	21 Nos.	Rs. 600	Rs. 12600	Competitive Bidding
14	Tip Chisel		Welder	21 Nos.	Rs. 100	Rs. 2100	Competitive Bidding
15	Try square		Welder	21 Nos.	Rs. 100	Rs. 2100	Competitive Bidding
16	Welding Simulator	15AW	Welder	01 No.	Rs. 10,00,000	Rs. 10,00,000	Competitive Bidding
17	Welding Simulator	15AW	Welder	01 No.	Rs. 10,00,000	Rs. 10,00,000	Competitive Bidding
18	Welding Simulator	15AW	Welder	01 No.	Rs. 10,00,000	Rs. 10,00,000	Competitive Bidding
19	Auto Darken Welding Helmet		Welder	01 Nos.	Rs. 2,00,000	Rs. 2,00,000	Competitive Bidding
20	AG 4 Grinder		Welder	02 Nos.	Rs. 6,000.00	Rs. 12,000.00	Competitive Bidding
21	Arc Welding Table Positioner		Welder	06 Nos.	Rs. 7,00,000.00	Rs. 4,20,000.00	Competitive Bidding

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22	Water Cooled Induction Welding / Brazing Machine	100-750 AMP, Induction Coil length 3 inch and 2.5 inch	Welder	1 No.	Rs. 2,25,000.00	Rs. 2,25,000.00	Competitive Bidding
23	Gas Welding Machine with Hot Air gun	Temp. display, variable Temp. (RE, PP) & PVC Sheet or Pipe welding control with stand, accessories	Welder	1 No.	Rs. 1,15,000.00	Rs. 1,15,000.00	Competitive Bidding
24	Coating & Flaring tool for 1/8" tubing	1/8 to 3/8 inch	Welder	1 No.	Rs. 7000.00	Rs. 7000.00	Competitive bidding
25	Welding table		Welder	1 No.	Rs. 11,000.00	Rs. 11,000.00	Competitive bidding
26	Welding table	100% 60% duty cycle	Welder	1 No.	Rs. 83,000.00	Rs. 83,000.00	Competitive Bidding
27	Welding table	100% 60% duty cycle	Welder	1 No.	Rs. 83,000.00	Rs. 83,000.00	Competitive Bidding
28	Gas Welding Table with four bricks, STANDARD		Welder	1 No.	Rs. 75,000.00	Rs. 75,000.00	Competitive Bidding
29	Spot Welding machine, 15 KVA with all accessories		Welder	1 No.	Rs. 1,24,000.00	Rs. 1,24,000.00	Competitive Bidding
30	D.C. Arc Welding Rectifiers Set with all accessories	400 A. DCV 60 -100 V, 60% duty cycle,	Welder	1 No.	Rs. 83,000.00	Rs. 83,000.00	Competitive Bidding
31	Laptop		Welder	1 No.	Rs. 85,000.00	Rs. 85,000.00	Competitive Bidding
32	LCD Projector with Screen		Welder	1 No.	Rs. 46,000.00	Rs. 46,000.00	Competitive Bidding
33	Portable abrasive cut-off machine		Welder	1 No.	Rs. 12,000.00	Rs. 12,000.00	Competitive Bidding
						Total	Rs. 46,42,030.00

#### 4. Computer Operator Programming Assistant (COPA)

#	Name of items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR)	Total (in INR)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1	Laser Printer	All in One	COPA	01 No.	Rs.20000	Rs.20000	Competitive Bidding

2	MS Office	2010 (professional) or the latest version available at the time of procurement	COPA	25 Licenses	Rs.20000	Rs.500000	Competitive Bidding
3	Antivirus for – clients / workstations in profile	validity of an year or more which should be renewed upon expiry	COPA	25 Licenses	Rs.1000	Rs.25000	Competitive Bidding
4	Desktop Computer	CPU: 64 Bit, i7 12th Generation processor, Speed: more than 3 GHz. RAM: 8 GB, 1TB SSD, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor 19" LED With HDMI Connectivity 6* Licensed Windows 10 Operating System * MS Office * Antivirus Quick Heal Total Security (3 Years License) * Manufacturer Warranty 3 Years	COPA	24 Nos.	Rs. 85,000	Rs. 20,40,000	Competitive Bidding
5	Laptop	12th- Gen i7 Processor, 8GB RAM, 1TB SSD, Win10 Preloaded Licensed OS, MS Office, 2GB Graphics card, 14.1" Widescreen, Standard Ports and Connectivity	COPA	2 Nos.	Rs. 20,000	Rs. 40,000	Competitive Bidding
6	Printer (PS)	1 Nos.	COPA	1 Nos.	Rs. 15,000	Rs. 15,000	Competitive Bidding
7	Printer (Inkjet)	2 Nos.	COPA	2 Nos.	Rs. 4,000	Rs. 8,000	Competitive Bidding
8	Smart Interactive Board	Screen Size 75", Panel type IPS, Resolution - UHD 3840 X 2160 Pixel, Aspect ratio 16:9, 2mm thickness, anti-glare coating & anti-glare coating, Touch Screen, Android OS (Higher Version), Built in Speakers, Connectivity (HDMI, VGA, audio IN/OUT, USB, LAN, WiFi, Bluetooth)	COPA	10 Nos.	Rs. 1,50,000	Rs. 3,00,000	Competitive Bidding

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		Accessories: 1. Metallic Stand for fitting 2. Camera full HD 3. Speaker with amplifier 4:1 (60WT) 4. Cordless Micro phone (Ahuja) 5. UPS 1KVA(Microtech) Backup 3hr 6. Manufacturer Warranty 3 Years					
9	Projector body			24 Nos	Rs. 1,000	Rs. 24,000	Competitive Bidding
10	Operator chair			24 Nos	Rs. 1,000	Rs. 24,000	Competitive Bidding
11	Registered Domain	At least 100 MB Web Space		1 No	Rs. 5000	Rs. 5000	Competitive Bidding
12	Network Rack	4U for 24 parts		02 Nos	Rs. 10,000	Rs. 20,000	Competitive Bidding
13	Patch Panel	24 Port		02 Nos	Rs. 3500	Rs. 7000	Competitive Bidding
						Total	Rs.39,61,000

#### 5. Machinist

#	Name of items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR lakh)	Total (in INR)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1	LCD PROJECTOR WITH SCREEN		Machinist	1 No.	Rs. 46,000	Rs. 46,000	Competitive Bidding
						Total	Rs.46,000

## 6. Electrician

#	Name of items	Specifications	Trade/Course for which it is required	Total Required	Rate /Unit (in INR)	Total (in INR)	Method of Procurement(e.g. Shopping/Competitive Bidding)
1	Measuring Steel Tape	5 meter	Electrician	126 Nos	Rs 100	Rs. 12600	Competitive Bidding
2	Combination Plier Insulated	200 mm	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
3	Screwdriver Insulated	4mm X 150 mm, Diamond Head	Electrician	126 Nos	Rs. 110	Rs. 13860	Competitive Bidding
4	Screwdriver Insulated	6mm X 150 mm	Electrician	126 Nos	Rs. 175	Rs. 22050	Competitive Bidding
5	Electrician screwdriver thin stem insulated handle	4mm X 100 mm	Electrician	126 Nos	Rs. 50	Rs. 6300	Competitive Bidding
6	Heavy Duty Screwdriver insulated	5mm X 200 mm	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
7	Electrician Screwdriver thin stem insulated handle	4mm X 250 mm	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
8	Punch Centre	9mm X 150 mm	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
9	Safe Double Bladed Electrician	100 mm	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
10	Neon Tester	100 V	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
11	Wire Cutter (with 100 mm)	100 mm with green handle	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
12	Electrician (with handle)	250 grams	Electrician	126 Nos	Rs. 80	Rs. 10080	Competitive Bidding
13	Hammer (with handle)	100 gms	Electrician	126 Nos	Rs. 150	Rs. 18900	Competitive Bidding
14	Pliers	150 mm	Electrician	4 Nos	Rs. 150	Rs. 600	Competitive Bidding
15	C- Clamp	200 mm and 100 mm	Electrician	4 Nos. each	Rs. 250	Rs. 1000	Competitive Bidding
16	Spanner Adjustable drop forged, 55	150 mm & 300mm	Electrician	4 Nos. each	Rs. 350	Rs. 1400	Competitive Bidding
17	Blow lamp brass	0.5 hr	Electrician	2 Nos.	Rs. 800	Rs. 1600	Competitive Bidding

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18	Chisel Cold	25 mm X 200 mm	Electrician	1 No.	Rs. 110	Rs. 440	Competitive Bidding
19	Chisel firmer with wooden handle	25 mm X 200 mm	Electrician	1 No.	Rs. 135	Rs. 540	Competitive Bidding
20	1/4" Key alloy steel	1.5 X 10 mm (lot of 5)	Electrician	5 Lot	Rs. 100	Rs. 500	Competitive Bidding
21	Grease Gun	1.5 lit. Capacity	Electrician	1 No.	Rs. 200	Rs. 800	Competitive Bidding
22	Bradawl	100 mm	Electrician	1 No.	Rs. 200	Rs. 800	Competitive Bidding
23	1/2" Thick 200 X 150	200 mm X 150 mm	Electrician	1 No.	Rs. 200	Rs. 800	Competitive Bidding
24	Leaving Puller (inside and outside)	100 mm	Electrician	1 No.	Rs. 1000	Rs. 4000	Competitive Bidding
25	Pipe vice Cast Iron with hardened jaw open type	100 mm	Electrician	1 No.	Rs. 1700	Rs. 6800	Competitive Bidding
26	Scissors blade, SS	200mm	Electrician	5 Nos.	Rs. 350	Rs. 1750	Competitive Bidding
27	Scissors blade, SS	150 mm	Electrician	4 Nos.	Rs. 300	Rs. 1200	Competitive Bidding
28	Crimping Tool	1.5 sq mm to 16 sq mm	Electrician	4 Nos.	Rs. 2700	Rs. 10800	Competitive Bidding
29	Crimping Tool	16 sq mm to 95 sq mm	Electrician	4 Nos.	Rs. 3500	Rs. 14000	Competitive Bidding
30	Wire Cutter and Stripper	150 mm	Electrician	3 Nos.	Rs. 70	Rs. 210	Competitive Bidding
31	Mallet hard wood	0.50 kg	Electrician	3 Nos.	Rs. 75	Rs. 225	Competitive Bidding
32	Hammer Extractor type	250 grams	Electrician	3 Nos.	Rs. 175	Rs. 525	Competitive Bidding
33	Hacksaw frame	Adjustable 300 mm Fixed 150 mm	Electrician	4 Nos. each	Rs. 110	Rs. 440	Competitive Bidding
34	Try Square	150 mm blade	Electrician	3 Nos.	Rs. 250	Rs. 750	Competitive Bidding
35	Outside Caliper	150 mm spring type	Electrician	4 Nos.	Rs. 125	Rs. 500	Competitive Bidding
36	Inside Caliper	150 mm spring type	Electrician	4 Nos.	Rs. 150	Rs. 600	Competitive Bidding
37	Divider	150 mm spring type	Electrician	4 Nos.	Rs. 150	Rs. 600	Competitive Bidding
38	Pliers long nose insulated	150 mm	Electrician	3 Nos.	Rs. 140	Rs. 420	Competitive Bidding
39	Pliers flat nose insulated	200 mm	Electrician	3 Nos.	Rs. 160	Rs. 480	Competitive Bidding
40	Pliers round nose insulated	100 mm	Electrician	3 Nos.	Rs. 120	Rs. 360	Competitive Bidding
41	Tweezers	150 mm	Electrician	3 Nos.	Rs. 80	Rs. 240	Competitive Bidding

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42	Snip Straight and Bent heavy duty	250 mm	Electrician	4 Nos. each	Rs. 350	Rs. 1400	Competitive Bidding
43	D.E. metric Spanner Double Ended	6 - 32 mm	Electrician	4 Set	Rs. 350	Rs. 1400	Competitive Bidding
44	Drill hand brace	0-100mm	Electrician	8 Nos.	Rs. 700	Rs. 5600	Competitive Bidding
45	Drill S.S. Twist block	2 mm, 5 mm and 6 mm set of 3	Electrician	8 Set	Rs. 900	Rs. 7200	Competitive Bidding
46	Plane cutters	50 mm X 200mm	Electrician	4 Nos.	Rs. 600	Rs. 2400	Competitive Bidding
47	Smoothing cutters	50 mm X 200mm	Electrician	4 Nos.	Rs. 480	Rs. 1920	Competitive Bidding
48	Gauge, wire imperial stainless steel marked in SWG & mm	Wire Gauge - Metric	Electrician	8 Nos.	Rs. 600	Rs. 4800	Competitive Bidding
49	File flat	200 mm 2nd cut with handle	Electrician	16 Nos.	Rs. 240	Rs. 3840	Competitive Bidding
50	File half round	200 mm 2nd cut with handle	Electrician	8 Nos.	Rs. 240	Rs. 1920	Competitive Bidding
51	File round	200 mm 2nd cut with handle	Electrician	8 Nos.	Rs. 280	Rs. 2240	Competitive Bidding
52	File flat rough	150 mm with handle	Electrician	8 Nos.	Rs. 280	Rs. 2240	Competitive Bidding
53	File flat bastard	250 mm with handle	Electrician	8 Nos.	Rs. 280	Rs. 2240	Competitive Bidding
54	File flat smooth	250 mm with handle	Electrician	1 No.	Rs. 700	Rs. 700	Competitive Bidding
55	File Rose trait rough	200 mm bastard with handle	Electrician	1 No.	Rs. 280	Rs. 280	Competitive Bidding
56	Copper bit soldering iron	0-25 W	Electrician	4 Nos.	Rs. 750	Rs. 3000	Competitive Bidding
57	Iron soldering iron	Heat proof resin in PVC pipe 150mm	Electrician	4 Nos.	Rs. 750	Rs. 3000	Competitive Bidding
58	Hand Vice	25 mm jaw	Electrician	1 No.	Rs. 450	Rs. 450	Competitive Bidding
59	Table Vice	100 mm jaw	Electrician	16 Nos.	Rs. 2500	Rs. 40000	Competitive Bidding
60	Oil Can	250 ml	Electrician	4 Nos.	Rs. 150	Rs. 600	Competitive Bidding
61	Contactors & auxiliary contacts	1 phase, 415 Volt, 25 Amp with 2 NO	Electrician	4 Nos. each	Rs. 1500	Rs. 6000	Competitive Bidding
62	Contactors & auxiliary contacts	3 phase, 415 volt, 32 Amp with 2NO and 2 NC	Electrician	4 Nos. each	Rs. 1500	Rs. 6000	Competitive Bidding
63	Limit Switch	Limit Switch, Lever operated 2A500V, 2-contacts	Electrician	4 Nos.	Rs. 1100	Rs. 4400	Competitive Bidding

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64	Rotary Switch	16 A/440v	Electrician	1 Nos	Rs. 150	Rs. 1500	Competitive Bidding
65	Relay Cut out Relays Over load relay Over current Under voltage	a. 16A, 440V b. 16A, 440V c. 16A, 440V d. 360V-440V	Electrician	1 Nos. Each	Rs. 1500	Rs. 4500	Competitive Bidding
66	Wiring Type Cable Type, equipment Cable type - 400 sqm including hardware fitting		Electrician	1 No. Each	Rs. 150	Rs. 1500	Competitive Bidding
67	Hydrometer		Electrician	1 No.	Rs. 200	Rs. 200	Competitive Bidding
68	Hand Drill Machine	15 mm capacity	Electrician	1 No.	Rs. 1500	Rs. 4000	Competitive Bidding
69	Portable Electric Drill Machine	0-12 mm capacity 750w, 240v with chuck and key	Electrician	2 No.	Rs. 2500	Rs. 5000	Competitive Bidding
70	Load Bank ( Lamp / heater Type)	6 KW, 3Ph	Electrician	2 No.	Rs. 4000	Rs. 8000	Competitive Bidding
71	Brake Test arrangement with two spring balance rating	0 to 25 kg	Electrician	2 No.	Rs. 1800	Rs. 3600	Competitive Bidding
72	Laboratory Type Induction Coil	1000 W	Electrician	4 Nos.	Rs. 900	Rs. 3600	Competitive Bidding
73	Out Side Micrometer	0 - 25 mm least count 0.01mm	Electrician	4 Nos.	Rs. 1500	Rs. 6000	Competitive Bidding
74	Thermometer Digital	0° C - 150° C	Electrician	2 No.	Rs. 600	Rs. 1200	Competitive Bidding
75	Series Test Lamp	230V, 60W	Electrician	8 Nos.	Rs. 600	Rs. 4800	Competitive Bidding
76	Knife Switch DPDT fitted with fuse terminals	16 Amp	Electrician	8 Nos.	Rs. 750	Rs. 6000	Competitive Bidding
77	Knife Switch TPDT fitted with fuse terminals	16 Amp/ 440 V	Electrician	8 Nos.	Rs. 750	Rs. 6000	Competitive Bidding
78	Miniature Breaker	16 amp	Electrician	4 Nos.	Rs. 2500	Rs. 10000	Competitive Bidding
79	Earth Plate	60cm X 60cm X 3.15mm Copper Plate 60cm X 60cm X 6mm GI Plate	Electrician	2 nos. Each	Rs. 5000	Rs. 10000	Competitive Bidding

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80	Earth Electrode	Primary Electrode 2100x28x3.25mm Secondary CuStrip 20x5mm	Electrician	2 No.	Rs. 3000	Rs.6000	Competitive Bidding
81	MCCB	100Amps, Triple pole	Electrician	2 No.	Rs. 4000	Rs.8000	Competitive Bidding
82	ELCB and RCCB	25Amps, double pole and 25Amps, double pole, IΔn 30 mA	Electrician	2 Each	Rs. 4000	Rs.8000	Competitive Bidding
83	Fuses	HRC Glass Rewire Type	Electrician	8 Each	Rs. 1500	Rs.12000	Competitive Bidding
84	Rheostat (Sliding type)	D- 25 Ohm, 2 Amp D- 300 Ohm, 2 Amp D-1 Ohm, 10Amp D-10 Ohm, 5 Amp	Electrician	2 No. each	Rs. 5000	Rs.10000	Competitive Bidding
85	Capacitors	Electrolytic Ceramic Polyester film Variable Dual run	Electrician	4 Each	Rs. 1300	Rs.5200	Competitive Bidding
86	Various Electronic components	Resistors, Diode, Transistor, UJT, FET, SCR, DIAC, TRIAC, ICOT, Small transformer etc	Electrician	As required	Rs. 2500	Rs.2500	Competitive Bidding
87	Various lamps	Halogen Incandescent Lamp Fluorescent tube, T5, T8, T10, T12 LED High pressure sodium lamp Low pressure sodium lamp LED	Electrician	2 Each	Rs. 15000	Rs. 30000	Competitive Bidding
88	Plug socket and Switch Lamp holder	230 V, 5 A	Electrician	4 Each	Rs. 500	Rs.2000	Competitive Bidding
89	Cables: 1 wire 2 Pair Non Metallic Sheathed Cable Underground Feeder Cable Ribbon Cable Metallic Sheathed Cable Multi Conductor Cable Conduit Cable	1 mtr each	Electrician	2 Each	Rs. 4500	Rs.9000	Competitive Bidding

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	Direct-Buried Cable						
90	Rus line with brackets	1mt each	Electrician	1 Nos.	Rs. 2500	Rs. 12000	Competitive Bidding
91	Rubber mat	4x4	Electrician	1 Nos.	Rs. 1000	Rs. 1000	Competitive Bidding
92	Technical Manual	Yellow Colour	Electrician	1 Nos.	Rs. 100	Rs. 100	Competitive Bidding
93	MC Pipe with accessories (MS) 1/2" dia. 2' length. 100 1000 pieces - 1000 meters.	1000m	Electrician	1 Nos.	Rs. 200	Rs. 200	Competitive Bidding
94	Quality Test	Standard quality	Electrician	1 Nos.	Rs. 1000	Rs. 1000	Competitive Bidding
95	Blow Motor, Taurus Type 5 Hood Type, portable box type	10000-cfm with hp	Electrician	1 Nos. each	Rs. 1000	Rs. 1000	Competitive Bidding
96	Digital Multi Meter	DC 200mv - 1000v, 0 - 10A & AC 200mv - 750v, 0-10A, resistance 0- 20MΩ and 3 1/2 digit	Electrician	24 Nos.	Rs. 1500	Rs. 36000	Competitive Bidding
97	A.C. Voltmeter M.I. analog, portable box type housed in Bakelite case	Multirange 75 V - 150V - 300V - 600V	Electrician	6 Nos.	Rs. 2000	Rs. 12000	Competitive Bidding
98	M.I. Voltmeter Centre zero analog, portable box type housed in Bakelite case	100 - 0 - 100 mV	Electrician	4 Nos.	Rs. 2000	Rs. 8000	Competitive Bidding
99	Ammeter MC analog, portable box type housed in Bakelite case	0 - 500 mA, 0-5 A, 0-25 A	Electrician	4 Nos. each	Rs. 2000	Rs. 8000	Competitive Bidding
100	AC Ammeter M.I. analog, portable box type housed in Bakelite case	0 - 1 A, 0-5 A, 0-25 A	Electrician	4 Nos. each	Rs. 2000	Rs. 8000	Competitive Bidding
101	Kilo Wattmeter Analog	0-1.5-3KW, pressure coil rating- 240v/440v, current rating- 5A/10A Analog, portable type Housed in Bakelite case	Electrician	4 Nos.	Rs. 2500	Rs. 10000	Competitive Bidding

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102	Digital Wattmeter	230 V, 1 KW, 50 Hz	Electrician	4 Nos.	Rs. 3000	Rs.12000	Competitive Bidding
103	A.C. Energy Meter	Single Phase, 10 A, 240 V Induction type	Electrician	4 Nos.	Rs. 1200	Rs.4800	Competitive Bidding
104	A.C. Energy Meter	Three Phase, 15 A , 440 V Induction type	Electrician	4 Nos.	Rs. 3000	Rs.12000	Competitive Bidding
105	Power Factor Meter Digital	440 V, 20 A, Three Phase portable box type	Electrician	4 Nos.	Rs. 2000	Rs.8000	Competitive Bidding
106	Frequency Meter	45 to 55 Hz	Electrician	4 Nos.	Rs. 1500	Rs.6000	Competitive Bidding
107	Magnetic Flux Meter	0-500 tesla	Electrician	4 Nos.	Rs. 2500	Rs.10000	Competitive Bidding
108	Lux meter	Lux meter LCD read out 0.05 to7000 Lumens with battery.	Electrician	4 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
109	Tachometer	Analog Type - 10000 RPM	Electrician	2 No.	Rs. 2500	Rs.10000	Competitive Bidding
110	Tachometer	Digital Photo Sensor Type -10000 RPM	Electrician	2 No.	Rs. 2000	Rs.8000	Competitive Bidding
111	Tong Tester / Clamp Meter	0-100 A (Digital Type)	Electrician	4 Nos.	Rs. 1500	Rs. 6000	Competitive Bidding
112	Mezzer	Analog - 500 V	Electrician	4 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
113	3-point D.C. Meter	2m 2.5kV DC	Electrician	1 No.	Rs. 2000	Rs. 2000	Competitive Bidding
114	4-point D.C. Meter	2m 2.5kV DC	Electrician	1 No.	Rs. 1500	Rs. 1500	Competitive Bidding
115	Wheatstone Bridge with cylindrical coil and battery		Electrician	1 No.	Rs. 800	Rs. 800	Competitive Bidding
116	Single Phase Variable Auto Transformer	0-220 v, 10Amp (Air cooled)	Electrician	4 Nos.	Rs. 4500	Rs.18000	Competitive Bidding
117	Phase Sequence Indicator	3 Phase, 415 V	Electrician	4 Nos.	Rs. 2500	Rs.10000	Competitive Bidding
118	Growler	230 V, 50 Hz, Single Phase, Adjustable jaws, Testing armature with ampere meter and testing probes	Electrician	2 No.	Rs. 2000	Rs. 4000	Competitive Bidding

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131	d. Immersion Heater	d. 1500 Watt, 240V	Electrician	2 Nos.	Rs. 1000	Rs.2000	Competitive Bidding
132	e. A.C. Ceiling Fan and AC Table Fan	e. 68-Watt, 230 V	Electrician	2 Nos.	Rs. 4000	Rs.8000	Competitive Bidding
133	f. Geyser (Storage type)	f. 10 litre	Electrician	2 Nos.	Rs. 10000	Rs.20000	Competitive Bidding
134	g. Mixture & Grinder	g. 750 W, 240 V	Electrician	2 Nos.	Rs 4500	Rs.9000	Competitive Bidding
135	h. Washing Machine Semi-Automatic	h. 5 Kg.	Electrician	2 Nos.	Rs. 15000	Rs.30000	Competitive Bidding
136	i. Motor Pump set	i. 1 HP, 1 Phase, 240 V	Electrician	2 Nos.	Rs. 7000	Rs.14000	Competitive Bidding
137	Oil Testing Kit	Oil Testing Kit 230 V, single phase 50 Hz 60 VA output 0-60 KV Variable	Electrician	2 No.	Rs. 30000	Rs. 60000	Competitive Bidding
138	Inverter with Battery	1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	Electrician	2 No.	Rs 25000	Rs.50000	Competitive Bidding
139	Voltage Stabilizer	AC Input - 150 - 250 V, 600 VAAC Output - 240 V, 10 A	Electrician	2 No.	Rs. 5000	Rs.10000	Competitive Bidding
140	DC Power Supply	0 - 30 V, 5 A	Electrician	4 Nos.	Rs. 10000	Rs.40000	Competitive Bidding
141	Battery Charger	0 - 6 - 9 - 12 - 24 - 48 V, 30amp	Electrician	2 No.	Rs. 12000	Rs. 24000	Competitive Bidding
142	Current Transformer	115 V, 50Hz, CT Ratio 25 / 5 A, 5VA	Electrician	1 Nos.	Rs. 1500	Rs. 6000	Competitive Bidding
143	Potential Transformer	115 V, 50Hz, PT Ratio, 140V/110V, 10VA	Electrician	4 Nos.	Rs. 2500	Rs. 10000	Competitive Bidding
144	Solar panel with Battery	18 Watt	Electrician	2 Nos.	Rs. 10000	Rs. 20000	Competitive Bidding
145	Desktop Computer	<p>17" TFT 64Bit Intel Core i3 Processor, Speed more than 5.000  RAM: 8 GB, 1TB HDD, WiFi Enabled  Network Card, Integrated Gigabit Ethernet, with USB Mouse, 158 Keyboard and Monitor 19" LED  With HDMI Connectivity  *Licensed Windows 10 Operating System  * MS Office  *Antivirus Quick Heal Total Security (3 Years License)</p>	Electrician	4 Nos.	Rs. 25000	Rs. 1,00,000	Competitive Bidding

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		* Manufacturer Warranty 3 Years					
126	3 phase squirrel cage motor	3.3	Electrician	1 No.	Rs. 35000	Rs. 35000	Competitive Bidding
127	3 phase squirrel cage motor with control panel	3.3 KW, 220V, 3 phase Squirrel cage Induction Motor, 5HP, 440V with control panel & star delta starter	Electrician	1 No.	Rs. 35000	Rs. 35000	Competitive Bidding
148	Motor-Generator (AC to DC)	Squirrel Cage Induction Motor with star delta starter and directly coupled to DC shunt generator and switch board mounted with regulator, air breaker, ammeter, voltmeter, knife blade switches and fuses, set complete with case iron and plate, fixing bolts, foundation bolts and flexible coupling. Induction Motor rating: 7.5 HP, 415V, 50 cycles, 3 phases. DC Shunt Generator rating: 5 KW, 440V (Output voltage varies 110-440v)	Electrician	1 No.	Rs. 35000	Rs. 35000	Competitive Bidding
149	D.C. Compound Generator with control panel including fitted rheostat, voltmeter, ammeter and breaker	D.C. Compound Generator with control panel including fitted rheostat, voltmeter, ammeter and breaker, 2.5 KW, 220V & 3 phase Squirrel cage Induction Motor, 5HP, 440V, with control panel & star delta starter	Electrician	1 No.	Rs. 35000	Rs. 35000	Competitive Bidding

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150	DC Series Motor coupled with spring balance load	2.5 KW, 220 Volts	Electrician	1 No.	Rs. 35000	Rs. 35000	Competitive Bidding
151	DC Shunt Motor	2.5 KW, 220 V	Electrician	1 No.	Rs. 20000	Rs. 20000	Competitive Bidding
152	DC compound Motor with starter and switch	2.5 KW, 220 volts	Electrician	1 No.	Rs. 20000	Rs. 20000	Competitive Bidding
153	Motor Generator(DC to AC) set consisting of - Shunt Motor with starting compensator and switch directly coupled to AC generator with exciter and switch board mounted with regulator, 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	Shunt Motor rating: 5 HP, 440V AC Generator rating: 3-Phase, 4wire, 3.5 KVA, 400/230 Volts, 0.8 pf, 50cycles	Electrician	1 No.	Rs. 40000	Rs. 40000	Competitive Bidding
154	AC Squirrel Cage Motor with standard shaft with standard Mechanical Loads	5 HP, 3-Phase, 440 V, 50 Hz	Electrician	1 No.	Rs. 27000	Rs. 27000	Competitive Bidding
155	AC phase-wound slip ring Motor with starter switch	5 HP, 440 V, 3 Phase, 50 Hz	Electrician	1 No.	Rs. 30000	Rs. 30000	Competitive Bidding
156	Universal Motor with starter/switch	240 V, 50 Hz, 1 HP	Electrician	1 No.	Rs. 10000	Rs. 10000	Competitive Bidding
157	Synchronous motor with accessories like starter,	3 Phase, 3 HP, 440V, 50Hz, 4 Pole	Electrician	1 No.	Rs. 25000	Rs. 25000	Competitive Bidding

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	Excitation arrangements.						
161	Thyristor IGBT controlled D.C. motor drive with tachometer feedback arrangement	1 HP	Electrician	1 No.	Rs. 25000	Rs. 25000	Competitive Bidding
	Thyristor IGBT controlled motor drive with						Competitive Bidding
	Single phase transformer, auto type, air cooled	1000 VA, 230V/240V			Rs. 1000	Rs. 1000	Competitive Bidding
	Three phase transformer, auto type, air cooled	1000 VA, 415V/440V			Rs. 1000	Rs. 1000	Competitive Bidding
162	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 fitted with friction brake arrangement, dynamo meter, instrument panel and power supply unit	Electrician	1 No.	Rs. 75000	Rs. 75000	Competitive Bidding
163	Diesel Generator set with change over switch, over current breaker and water / air cooled with armature, star-delta connections AC 3 phase silent type	7.5 KVA, 415 volt or higher rating	Electrician	1 No.	Rs. 100000	Rs. 100000	
164	Used DC Generators-series, shunt and compound type for overhauling practice		Electrician	1 No. Each	Rs. 15000	Rs. 15000	Competitive Bidding
165	Pillar Electric Drill Machine Motorized	12-20 mm Capacity, 1HP, 440V, 3phase, Induction Motor with DOL starter, Bench Type	Electrician	1 No.	Rs. 20000	Rs. 20000	Competitive Bidding

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166	Motorized Bench Grinder	1 HP, 3 phase, 440V with DOL starter, Double side with smooth and rough wheel with Tool Base	Electrician	1 No.	Rs. 7000	Rs.7000	Competitive Bidding
167	A.C. Series type Motor	1 HP, 240 V, 50 Hz	Electrician	1 No.	Rs. 10000	Rs.10000	Competitive Bidding
168	Single Phase Capacitor Motor with starter switch	1 HP, 240 V, 50 Hz	Electrician	1 No.	Rs. 10000	Rs.10000	Competitive Bidding
169	Manual Motor coil Winding Machine	With step arbor	Electrician	1 No.	Rs. 8000	Rs.8000	Competitive Bidding
170	Ceiling fan coil Winding Machine	250V, 50 Hz, 1- $\Phi$ , with speed control	Electrician	1 No.	Rs. 25000	Rs.25000	Competitive Bidding
171	Primary current injection set	220V, 50 Hz, 1- $\Phi$ , output current -200 A (min) with timer	Electrician	1 No.	Rs. 15000	Rs.15000	Competitive Bidding
172	Stepper Motor with Digital Controller		Electrician	1 No.	Rs.15000	Rs.15000	Competitive Bidding
173	Shaded Pole Motor	Fractional HP, 240 V, 50 Hz	Electrician	1 No.	Rs. 8000	Rs.8000	Competitive Bidding
174	Smart Meter	1 phase – smart energy meter 3 phase – smart energy meter	Electrician	1 No. each	Rs. 10000	Rs. 10000	Competitive Bidding
175	EV Charger	3 phase input	Electrician	1 No.	Rs. 40000	Rs. 40000	Competitive Bidding
176	EV Charger (Home)	1 phase input	Electrician	1 No.	Rs. 10000	Rs. 10000	Competitive Bidding
177	Working Bench	2.5m x 1.20m x 0.75m	Electrician	1 No.	Rs. 17000	Rs.17000	Competitive Bidding
178	Wiring Board	3 meter x 1 meter x 0.017m 3 meter x 1 meter x 0.017m	Electrician	2 No.	Rs. 17000	Rs. 34000	Competitive Bidding
179	Instructor's table		Electrician	2 No.	Rs. 10000	Rs. 20000	Competitive Bidding
180	Instructor's chair		Electrician	1 Nos.	Rs. 5000	Rs. 5000	Competitive Bidding
181	Metal Bench	100cm x 150cm x 45cm	Electrician	4 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
182	Lockers with drawers		Electrician	40 Nos.	Rs. 2000	Rs. 80000	Competitive Bidding
183	Almirah	2.5 m x 1.20 m x 0.5 m	Electrician	2 No.	Rs. 15000	Rs.30000	Competitive Bidding
184	Black board/white board	(minimum 4X6 feet)	Electrician	2 No.	Rs. 5000	Rs.10000	Competitive Bidding
185	Fire Extinguisher CO2	2 KG	Electrician	4 Nos.	Rs. 4000	Rs.16000	Competitive Bidding
186	Fire Buckets	Standard size	Electrician	4 Nos.	Rs. 400	Rs. 1600	Competitive Bidding

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Total Rs. 29,92,082

## T SOLAR TECHNICIAN (Electrical)

Sl. No.	Description	Quantity	Unit	Rate	Amount	Mode of Procurement	
1	Hand Operated	70 Nos.	nos.	Rs. 150	Rs. 10500	Competitive Bidding	
2	Hand Operated	70 Nos.	nos.	Rs. 75	Rs. 5250	Competitive Bidding	
3	Screw Driver Insulated	4mm X 150 mm, Diamond Head	SOLAR TECHNICIAN	84 Nos.	Rs. 120	Rs. 10080	Competitive Bidding
4	Screw Driver Insulated	6mm X 150 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 75	Rs. 6300	Competitive Bidding
5	Electrician screw driver thin stem Insulated handle	4mm X 100 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 60	Rs. 5040	Competitive Bidding
6	Heavy Duty Screw Driver Insulated	5mm X 200 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 175	Rs. 14700	Competitive Bidding
7	Electrician Screw Driver thin stem Insulated handle	4mm X 250 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 150	Rs. 12600	Competitive Bidding
8	Punch Centre	9mm X 150 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 90	Rs. 7560	Competitive Bidding
9	Knife Double Bladed Electrician	100 mm	SOLAR TECHNICIAN	84 Nos.	Rs. 80	Rs. 6720	Competitive Bidding
10	Neon Tester	500 V	SOLAR TECHNICIAN	84 Nos.	Rs. 60	Rs. 5040	Competitive Bidding
11	Steel Rule Graduated both in Metric and English Unit	300 mm with precision of 1/4th mm	SOLAR TECHNICIAN	84 Nos.	Rs. 150	Rs. 12600	Competitive Bidding
12	Hammer, cross peen with handle	250 grams	SOLAR TECHNICIAN	84 nos.	Rs. 165	Rs. 13860	Competitive Bidding

13	Electrical Symbol and Accessories Charts		SOLAR TECHNICIAN	8 Nos.	Rs.150	Rs. 1200	Competitive Bidding
14	Pipe vice Cast Iron with hardened jaw open type	100 mm	SOLAR TECHNICIAN	2 Nos.	Rs.3000	Rs. 6000	Competitive Bidding
15	Hand Vice	50 mm jaw	SOLAR TECHNICIAN	4 Nos.	Rs.600	Rs. 2400	Competitive Bidding
16	Table Vice	100 mm jaw	SOLAR TECHNICIAN	4Nos.	Rs.3000	Rs. 12000	Competitive Bidding
17	Hacksaw frame (with blade)	Adjustable 300 mm Fixed 150 mm	SOLAR TECHNICIAN	4Nos. each	Rs. 300	Rs.1200	Competitive Bidding
18	File flat	200 mm 2nd cut with handle	SOLAR TECHNICIAN	4 Nos.	Rs. 240	Rs.960	Competitive Bidding
19	File half round	200 mm 2nd cut with handle	SOLAR TECHNICIAN	4 Nos.	Rs. 240	Rs. 960	Competitive Bidding
20	File round	200 mm 2nd cut with handle	SOLAR TECHNICIAN	4 Nos.	Rs.280	Rs.1120	Competitive Bidding
21	Pliers long nose insulated	150 mm	SOLAR TECHNICIAN	8Nos.	Rs. 160	Rs.1280	Competitive Bidding
22	Pliers flat nose insulated	200 mm	SOLAR TECHNICIAN	3 Nos.	Rs.160	Rs. 1770	Competitive Bidding
23	Pliers round nose insulated	100 mm	SOLAR TECHNICIAN	2 Nos.	Rs. 160	Rs. 1255	Competitive Bidding
24	D.E. metric Spanner Double Ended	6-32 mm	SOLAR TECHNICIAN	4 set	Rs. 900	Rs. 1500	Competitive Bidding
25	Gauge with imperial data in steel marked in SWG & mm	7-1/2" Dia	SOLAR TECHNICIAN	1 No.	Rs. 600	Rs. 1200	Competitive Bidding
26	Portable Electric Drill Machine	1-1/2 mm capacity, 750W, 240V with chuck and key	SOLAR TECHNICIAN	2 no.	Rs. 3000	Rs. 6000	Competitive Bidding
27	Crimping Tool	1.5 sq mm to 16 sqmm 16 sq mm to 55 sq mm	SOLAR TECHNICIAN	2 No. Each	Rs.2500	Rs.5000	Competitive Bidding
28	Pliers Side Cutting	150 mm	SOLAR	4 No.	Rs.200	Rs. 800	Competitive Bidding

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			TECHNICIAN				
25	Wire cutters (adjustable length)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
26	Spanner - mild steel Vrt handle		SOLAR TECHNICIAN	4 Nos.	Rs. 25	Rs. 100	Competitive Bidding
27	Wrench (open end)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
28	Wrench (open end)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
29	Wrench (open end)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
30	Wrench (open end)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
31	Wrench (open end)		SOLAR TECHNICIAN	1 No.	Rs. 100	Rs. 200	Competitive Bidding
32	Electrical loads (set of incandescent lamp, Tube light, CFL, LED light, Heater and Geyser)	Electrical loads (set of incandescent lamp, Tube light, CFL, LED light, Heater and Geyser)	SOLAR TECHNICIAN	4 Set	Rs. 1,000	Rs. 4000	Competitive Bidding
35	Torque wrench	3N-m to 15N-m	SOLAR TECHNICIAN	2 No.	Rs. 5000	Rs. 10000	Competitive Bidding
37	Pipe Cutter to cut pipes	upto 5 cm. dia	SOLAR TECHNICIAN	2 No.	Rs. 3000	Rs. 6000	Competitive Bidding
38	Pipe Cutter to cut pipes	above 5 cm dia	SOLAR TECHNICIAN	2 No.	Rs. 4500	Rs. 9000	Competitive Bidding
39	Try Square	150 mm blade	SOLAR TECHNICIAN	4 No.	Rs. 200	Rs. 800	Competitive Bidding
40	Multi Meter (analog)	0 to 1000 M Ohms, 2V to 500V, 100 microA to 10A DC and AC	SOLAR TECHNICIAN	2 No.	Rs. 2000	Rs. 4000	Competitive Bidding
41	Load Bank (variable)	Up to 1.2 KW ( Lamp / heater Type)	SOLAR TECHNICIAN	2 No.	Rs. 5000	Rs. 10000	Competitive Bidding
42	Wire Cutter and Stripper	150 mm	SOLAR TECHNICIAN	8 Nos.	Rs. 200	Rs. 1600	Competitive Bidding
43	Earth Plate	60cm X 60cm X 3.15mm Copper Plate 60cm X 60cm X 6mm GI Plate	SOLAR TECHNICIAN	2 Each	Rs. 5000	Rs. 10000	Competitive Bidding

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44	Earth Electrode	Primary Electrode 2100x28x3.25mm Secondary Cu Strip 20x5mm	SOLAR TECHNICIAN	2 No.	Rs.4000	Rs. 8000	Competitive Bidding
45	Out Side Micrometer	0 - 25 mm least count 0.01mm	SOLAR TECHNICIAN	4 Nos.	Rs.3000	Rs.12000	Competitive Bidding
46	Tap set	Different size	SOLAR TECHNICIAN	04 Set Each	Rs.3000	Rs.12000	Competitive Bidding
47	Trolley for Transportation of Batteries		SOLAR TECHNICIAN	4 Nos.	Rs.7000	Rs.28000	Competitive Bidding
48	Die for Threading	Different sizes	SOLAR TECHNICIAN	04 Set	Rs.7000	Rs.28000	Competitive Bidding
49	Rooftop Mounting Structure	For 4 x 250 W solar panels mounting practice, with tilt adjustment	SOLAR TECHNICIAN	1 Set	Rs.10000	Rs.40000	Competitive Bidding
50	Electrical wiring and switchgear rack	Electrical control elements suitable for practice of control circuits using banana plugs and sockets	SOLAR TECHNICIAN	2 No.	Rs.10000	Rs.20000	Competitive Bidding
51	Protective relays and contactor rack	suitable for practice of control circuits using banana plugs and sockets	SOLAR TECHNICIAN	2 No.	Rs.7000	Rs.14000	Competitive Bidding
52	MCCB	100amps, Triple pole	SOLAR TECHNICIAN	2 No.	Rs.6000	Rs.12000	Competitive Bidding
53	ELCB and RCCB	15amps, double pole and 25amps, single pole, Is = 30 mA	SOLAR TECHNICIAN	1 each	Rs.14000	Rs.28000	Competitive Bidding
54	Fuses	10A Glass Rewire Type	SOLAR TECHNICIAN	8 Each	Rs.1500	Rs.12000	Competitive Bidding

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55	Cables: Twisted Pair Nonmetallic Sheathed Cable Underground Feeder Cable Rubber Cable Metallic Plastic Cable Multi Conductor - in a sheath Cable Plastic Sheathed Cable	1 mtr each	SOLAR TECHNICIAN	2 Each	Rs. 7000	Rs. 14000	Competitive Bidding
56	Plastic Sheathed Cable	1 mtr each	SOLAR TECHNICIAN	2 Each	Rs. 7000	Rs. 14000	Competitive Bidding
57	Plastic Sheathed Cable	1 mtr each	SOLAR TECHNICIAN	2 Each	Rs. 7000	Rs. 14000	Competitive Bidding
58	Plastic Sheathed Cable	1 mtr each	SOLAR TECHNICIAN	2 Each	Rs. 7000	Rs. 14000	Competitive Bidding
60	Lead cored Solder		SOLAR TECHNICIAN	5 kg	Rs. 3000	Rs. 15000	Competitive Bidding
61	Solder wax		SOLAR TECHNICIAN	12 pkt	Rs. 500	Rs. 6000	Competitive Bidding
62	MC-4 connector		SOLAR TECHNICIAN	12 pcs	Rs. 200	Rs. 2400	Competitive Bidding
63	pins	5 mm	SOLAR TECHNICIAN	24 nos.	Rs. 50	Rs. 1200	Competitive Bidding
64	lugs	7.5 mm	SOLAR TECHNICIAN	50 nos.	Rs. 100	Rs. 5000	Competitive Bidding
65	Hacksaw blades	200 mm, 300 mm	SOLAR TECHNICIAN	10 pkt. each	Rs. 2000	Rs. 20000	Competitive Bidding
66	Bolts, nuts, anchor bolts, washers, screws, other pins, lugs etc		SOLAR TECHNICIAN	24 nos.	Rs. 100	Rs. 2400	Competitive Bidding
67	Civil work utensils	spade, mixing spoon, leveling plates	SOLAR TECHNICIAN	2 Set	Rs. 5000	Rs. 10000	Competitive Bidding
68	Plumbing tools		SOLAR TECHNICIAN	2 Set	Rs. 20000	Rs. 40000	Competitive Bidding
69	Plumbing raw materials		SOLAR TECHNICIAN	As required	Rs. 50000	Rs. 50000	Competitive Bidding

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70	Civil work raw materials		SOLAR TECHNICIAN	As required	Rs.100000	Rs.100000	Competitive Bidding
71	Multimeter	Digital 0 to 1000 M Ohms, 2V to 700 V, 100 microA to 10A DC and AC	SOLAR TECHNICIAN	04 Nos.	Rs.2000	Rs.8000	Competitive Bidding
72	Megger	Analog - 500 V	SOLAR TECHNICIAN	02 Nos.	Rs. 5000	Rs.10000	Competitive Bidding
73	Hydrometer		SOLAR TECHNICIAN	08 Nos.	Rs. 500	Rs. 4000	Competitive Bidding
74	Solar Insulation meter		SOLAR TECHNICIAN	04 Nos.	Rs. 2000	Rs. 8000	Competitive Bidding
75	Pyranometer		SOLAR TECHNICIAN	02 No.	Rs. 12000	Rs. 24000	Competitive Bidding
76	Pyrheliometer		SOLAR TECHNICIAN	02 No.	Rs. 25000	Rs. 50000	Competitive Bidding
77	Lux meter	Lux meter - LCD read out 0.05 to 7000 Lumens with battery.	SOLAR TECHNICIAN	04 Nos.	Rs. 5000	Rs. 20000	Competitive Bidding
78	Magnetic Flux Meter	0-500 tesla	SOLAR TECHNICIAN	04 Nos.	Rs. 7000	Rs. 28000	Competitive Bidding
79	Tong Tester / Clamp Meter	0 - 100 A (Digital Type)	SOLAR TECHNICIAN	02 Nos.	Rs. 5000	Rs. 10000	Competitive Bidding
80	Soldering Iron	25 Watt, 65 Watt and 120 Watt. 230 Volt	SOLAR TECHNICIAN	04 Nos. Each	Rs. 3000	Rs. 12000	Competitive Bidding
81	Temperature controlled Soldering Iron	50 Watt, 230 Volt	SOLAR TECHNICIAN	01 Nos.	Rs. 4500	Rs. 4500	Competitive Bidding
82	Thermometer Digital	0° C - 150° C	SOLAR TECHNICIAN	02 No.	Rs. 7000	Rs. 14000	Competitive Bidding
83	Sun Shine recorder		SOLAR TECHNICIAN	04 No.	Rs. 60000	Rs. 2,40,000	Competitive Bidding
84	Weather monitoring station	To monitor and record sunshine, wind velocity, temperature, rainfall etc with software.	SOLAR TECHNICIAN	02 No.	Rs. 20000	Rs. 40000	Competitive Bidding

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85	radiation meter	To study power maximum upto 1000 w/square meter	SOLAR TECHNICIAN	02 No.	Rs. 10000	Rs. 20000	Competitive Bidding
86	Magnetic compass		SOLAR TECHNICIAN	02 No.	Rs. 5000	Rs. 10000	Competitive Bidding
87	...		TECHNICIAN	02 No.	Rs. 10000	Rs. 15000	Competitive Bidding
88	...		TECHNICIAN	02 No.	Rs. 10000	Rs. 15000	Competitive Bidding
89	...		TECHNICIAN	02 No.	Rs. 10000	Rs. 15000	Competitive Bidding
90	...		TECHNICIAN	02 No.	Rs. 10000	Rs. 15000	Competitive Bidding
91	Solar simulator for solar characteristic study	To study IV char. of a solar cell of minimum 2 watt undervariable illumination, temperature and suitable load	SOLAR TECHNICIAN	02 No.	Rs. 10000	Rs. 20000	Competitive Bidding
92	IV Curve tester		SOLAR TECHNICIAN	02 No.	Rs. 30000	Rs. 60000	Competitive Bidding
93	Sun path finder		SOLAR TECHNICIAN	02 No.	Rs. 55000	Rs. 70000	Competitive Bidding
94	Solar energy trainer with grouping of solar cells	To group (series or parallel) atleast six solar cells each with minimum 2 W with suitable loads	SOLAR TECHNICIAN	02 No.	Rs. 45000	Rs. 90000	Competitive Bidding
95	Solar tracker demonstrator kit	To study manual and automatic control of 10 W solar panel in East-west and North-south & back	SOLAR TECHNICIAN	02 No.	Rs. 20000	Rs. 40000	Competitive Bidding
96	software using animations for training Solar PV e-learning		SOLAR TECHNICIAN	02 license	Rs. 150000	Rs. 300000	Competitive Bidding
97	Halogen lamp with stand for illumination of solar panels in lab	AC mains operated to provide 0 to 1000 watts per meter square	SOLAR TECHNICIAN	04 Set	Rs. 10000	Rs. 40000	Competitive Bidding

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98	Motorized Bench Grinder	AC mains operated	SOLAR TECHNICIAN	02 No.	Rs.9000	Rs.18000	Competitive Bidding
99	Battery Charger	0-6-9-12-24-48 V, 30amp	SOLAR TECHNICIAN	02 No.	Rs.15000	Rs.30000	Competitive Bidding
100	Solar photovoltaic module	75 W mono crystalline module 75 W amorphous silicon module 250 W thin film module 5W, 10W, 40W poly crystalline module	SOLAR TECHNICIAN	02 Each	Rs.35000	Rs.70000	Competitive Bidding
101	Solar panels	250 Wp	SOLAR TECHNICIAN	08 Nos.	Rs.5000	Rs.40000	Competitive Bidding
102	Solar Charge controller with Dusk to Dawn automatic switching	12V, 10A	SOLAR TECHNICIAN	10 Nos.	Rs.35000	Rs.350000	Competitive Bidding
103	Solar charge controller with manual switch ( Day lighting)	12 V 10 A	SOLAR TECHNICIAN	10 Nos.	Rs.5000	Rs.50000	Competitive Bidding
104	Array junction box	for connecting 250W x 4 Nos. solar panel with DC fuse, DC MCB, and surge suppressor protection	SOLAR TECHNICIAN	4 Nos.	Rs.3500	Rs.14000	Competitive Bidding
105	Solar lantern	LED type	SOLAR TECHNICIAN	2 No.	Rs.12000	Rs.24000	Competitive Bidding
106	Solar lantern	CFL type	SOLAR TECHNICIAN	2 No.	Rs.3000	Rs.6000	Competitive Bidding
107	Solar lantern assembly sets		SOLAR TECHNICIAN	1 No.	Rs.4000	Rs.4000	Competitive Bidding
108	Home light system	12 V DC with FM receiver, LED bulb and mobile charger as loads	SOLAR TECHNICIAN	02 No.	Rs.3000	Rs.6000	Competitive Bidding
109	Solar cell kit		SOLAR TECHNICIAN	02 No.	Rs.15000	Rs.30000	Competitive Bidding
110	Clinometer	For Angle measurement	SOLAR TECHNICIAN	02 No.	Rs.2500	Rs.5000	Competitive Bidding
111	Spirit level	For floor level check	SOLAR TECHNICIAN	02 No.	Rs.2500	Rs.5000	Competitive Bidding

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112	Wattmeter 110V	Wattmeter 110V	SOLAR TECHNICIAN	02 No.	Rs. 750	Rs. 1500	Competitive Bidding
113	Wattmeter 220V	Wattmeter 220V	SOLAR TECHNICIAN	02 No.	Rs. 1000	Rs. 2000	Competitive Bidding
114	Wattmeter 440V	Wattmeter 440V	SOLAR TECHNICIAN	02 No.	Rs. 1500	Rs. 3000	Competitive Bidding
115	Wattmeter 110V	Wattmeter 110V	SOLAR TECHNICIAN	02 No.	Rs. 750	Rs. 1500	Competitive Bidding
116	Wattmeter 220V	Wattmeter 220V	SOLAR TECHNICIAN	02 No.	Rs. 1000	Rs. 2000	Competitive Bidding
117	Wattmeter 440V	Wattmeter 440V	SOLAR TECHNICIAN	02 No.	Rs. 1500	Rs. 3000	Competitive Bidding
118	Wattmeter 110V	Wattmeter 110V	SOLAR TECHNICIAN	02 No.	Rs. 750	Rs. 1500	Competitive Bidding
119	Wattmeter 220V	Wattmeter 220V	SOLAR TECHNICIAN	02 No.	Rs. 1000	Rs. 2000	Competitive Bidding
120	Ammeter MC centre zero	0-50A	SOLAR TECHNICIAN	04 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
121	Power Factor Meter		SOLAR TECHNICIAN	02 No.	Rs. 2500	Rs. 5000	Competitive Bidding
122	Rheostat	0-1 Ohm, 5 Amp 0-10 Ohm, 5 Amp 0-25 Ohm, 1 Amp 0-300 Ohm, 1 Amp	SOLAR TECHNICIAN	02 No. each	Rs. 8000	Rs. 16000	Competitive Bidding
123	A.C. Energy Meter	Single Phase, 10 A, 240 V induction	SOLAR TECHNICIAN	02 No.	Rs. 1200	Rs. 2400	Competitive Bidding
124	A.C. Energy Meter	Three Phase, 15 A, 440 V induction type	SOLAR TECHNICIAN	02 No.	Rs. 3000	Rs. 6000	Competitive Bidding
125	Kilo Wattmeter Analog	0-1.5-3KW, pressure coil rating- 240v/440v, current rating- 5A/10A Analog, portable type Housed in Bakelite case	SOLAR TECHNICIAN	04 Nos.	Rs. 3500	Rs. 14000	Competitive Bidding
126	Digital Wattmeter	230 V, 1 KW, 50 Hz	SOLAR TECHNICIAN	04 Nos.	Rs. 3000	Rs. 12000	Competitive Bidding

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127	Phase Sequence Indicator	3 Phase, 415 V	SOLAR TECHNICIAN	04 Nos.	Rs. 5000	Rs. 20000	Competitive Bidding
128	Frequency Meter	45 to 55 Hz	SOLAR TECHNICIAN	04 Nos.	Rs. 1500	Rs. 6000	Competitive Bidding
129	DC LED Lamp	3W, 5W, 10W	SOLAR TECHNICIAN	100 Each	Rs. 150	Rs. 15000	Competitive Bidding
130	DC Pump	24 V	SOLAR TECHNICIAN	04 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
131	PWM Controller		SOLAR TECHNICIAN	08 Nos.	Rs. 20000	Rs. 1,60,000	Competitive Bidding
132	MPPT Charge Controller		SOLAR TECHNICIAN	08 Nos.	Rs. 3000	Rs. 24000	Competitive Bidding
133	Inverter with Battery	1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	SOLAR TECHNICIAN	2 No.	Rs. 30000	Rs. 60000	Competitive Bidding
134	Solar PCU	Off grid 1 KW MPPT Sine wave Solar Power Conditioning Unit	SOLAR TECHNICIAN	08 Nos.	Rs. 3000	Rs. 24000	Competitive Bidding
135	Solar Grid tied inverter Demonstrator kit	300W KW	SOLAR TECHNICIAN	02 No.	Rs. 60000	Rs. 120000	Competitive Bidding
136	Solar Street Light	12V, 75Ah battery, 75 Wp solar panel, 12V, 10A dusk to dawn charge controller, 60 W LED lights and 9 m. height pole all dismountable	SOLAR TECHNICIAN	02 Nos.	Rs. 95000	Rs. 190000	Competitive Bidding
137	Solar, wind and hybrid power plant	1 KW cumulative	SOLAR TECHNICIAN	02 No.	Rs. 45000	Rs. 90000	Competitive Bidding
138	Solar Traffic light	12V, 75Ah battery, 75 Wp solar panel, 12V, 10A dusk to dawn charge controller, 15 W LED lights with suitable colors and 9 m height Pole all dismountable	SOLAR TECHNICIAN	02 No.	Rs. 150000	Rs. 300000	Competitive Bidding
139	Used water treatment solar plant demonstrator kit	1 liter capacity	SOLAR TECHNICIAN	02 No.	Rs. 40000	Rs. 80000	Competitive Bidding
140	solar DC pump	1 HP	SOLAR TECHNICIAN	02 No.	Rs. 35000	Rs. 70000	Competitive Bidding
141	Demonstration kit for wind generation (Wind turbine with blower)	300 W	SOLAR TECHNICIAN	02 No.	Rs. 55000	Rs. 110000	Competitive Bidding

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142	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
143	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
144	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
145	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
146	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
147	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
148	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
149	Rechargeable battery	12 V 100 AH	SOLAR TECHNICIAN	01 No.	Rs. 1000	Rs. 1000	Competitive Bidding
150	Safety Goggles		SOLAR TECHNICIAN	02 Nos.	Rs. 500	Rs. 1000	Competitive Bidding
151	Safety Helmet		SOLAR TECHNICIAN	02 Nos.	Rs. 500	Rs. 1000	Competitive Bidding
152	First Aid kit		SOLAR TECHNICIAN	04 Nos.	Rs. 1000	Rs. 4000	Competitive Bidding
153	Fire Extinguisher CO <sub>2</sub>	2 KG	SOLAR TECHNICIAN	04 Nos.	Rs. 4000	Rs. 16000	Competitive Bidding
154	Fire Buckets	Standard size	SOLAR TECHNICIAN	04 Nos.	Rs. 400	Rs. 1200	Competitive Bidding
155	Working Bench	2.5 m x 1.20 m x 0.75 m	SOLAR TECHNICIAN	08 Nos.	Rs. 15000	Rs. 120000	Competitive Bidding
156	Wiring Board	3 meters x 1 meter with 0.5 meter projection on the top	SOLAR TECHNICIAN	02 No.	Rs. 15000	Rs. 30000	Competitive Bidding
157	Instructor's table		SOLAR TECHNICIAN	02 No.	Rs. 10000	Rs. 20000	Competitive Bidding
158	Instructor's chair		SOLAR TECHNICIAN	4 Nos.	Rs. 5000	Rs. 20000	Competitive Bidding
159	Trainee Chair		SOLAR TECHNICIAN	40 Nos.	Rs. 2000	Rs. 80000	Competitive Bidding

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160	Trainee table for two trainee		SOLAR TECHNICIAN	20 Nos.	Rs. 12000	Rs. 240000	Competitive Bidding
161	Metal Rack	100cm x 150cm x 45cm	SOLAR TECHNICIAN	08 Nos.	Rs. 8000	Rs. 64000	Competitive Bidding
162	Lockers with drawers		SOLAR TECHNICIAN	80 Nos.	Rs. 2000	Rs. 160000	Competitive Bidding
163	Almirah	2.5 m x 1.20 m x 0.5 m	SOLAR TECHNICIAN	02 No.	Rs. 15000	Rs. 30000	Competitive Bidding
164	Black board/white board	(Minimum 4X6 feet)	SOLAR TECHNICIAN	02 No.	Rs. 5000	Rs. 10000	Competitive Bidding
					<b>TOTAL</b>	<b>Rs. 52,89,280</b>	

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Approved by Chairman, IMC

IMC Chairman

Dalmia Private Industrial Training Institute  
Rajgangpur

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