

**SKILL STRENGTHENING FOR INDUSTRIAL VALUE ENHANCEMENT**

PROCUREMENT PLAN FOR THE FY 2021-22

**Procurement Package No. 1**

<b>Purchase of Tools &amp; Equipment for EM, COPA &amp; Fitter trades</b>		
<b>Sl. No.</b>	<b>Item Names</b>	<b>Qty</b>
1	5.2KVA Inverter with RC 18000 Battery (6 Batteries) Tubular Inverter Battery (150Ah) LUMINOUS Cruze / Equivalent	1
2	Screw Driver Set of 9 Standard/Taparia	22
3	Fire Buckets: Standard size	2
4	Connecting screwdriver 10 X 100 mm	8
5	Neon tester 500 V.	24
6	Precision set of screw drivers T5, T6, T7 (Stanley)	3
7	Tweezers -Bend tip 130 mm	2
8	Crimping tool All in one EZ RJ 45 Tool network Crimper cable crimping tools for RJ45, Cat 6, Cat 7, Cat 5, RJ 11, RJ 12 Modular plugs metal clips pliers	4
9	Magneto spanner set 8	2
10	Magnifying lenses 75 mm	2
11	Dual DC regulated power supply 30-0-30 V, 2 Amps	3
12	DC Regulated Variable Programmable DC Power Supply 0-30V/3A	1
13	LCR meter (Digital) Handheld R-0.001 ohm C-0.1uH/0.1pF,P-0.75W (max)consumption,4 ½ digit display	2

Sl. No.	Item Names	Qty
14	Signal Generator with Digital Display for Frequency Amplitude 10 Hz to 100 Khz, 50/600 Ohms (output impedance)	1
15	Clamp meter 0 - 10 A	3
16	Dimmer starter 0-270 v 10 A	1
17	DSO (colour) 2 channel digital oscilloscope 5.7" B.W 200 MH2, PC interface using s/w	2
18	Sensor Trainer Kit Containing following Sensors 1. Thermocouple 2. RTD 3. Load Cell/ Strain Gauge 4. LVDT 5. Smoke Detector Sensors 6. Speed Sensor 7. Limit Switch 8. Photo sensors 9. Optocouplor 10. Proximity Sensor Graphical touch LCD with inbuilt processor for viewing the output waveforms, in built DAQ, and standard processing circuits like Inverting, Non – Inverting, Power, Current, Instrumentation Differential Amplifier, F/V, V/F, V/I, I/V Converter, Sensors: RTD, NTC Thermistor, LM35 Thermocouple, Gas(Smoke) Sensor, Load cell, LVDT Sensor, Speed Sensor	1
19	LED TV (21") Resolution 4k 3840x 2160 Smart TV 178 degree viewing angle 2 speakers 20 w output	1
20	LED lighting system Measurement of Power, Voltage, Current, Power Factor and Light output performance of different lighting products like LED, CFL at variable input voltages 0 to 245V	2
21	Combination set 300mm	2

<b>Sl. No.</b>	<b>Item Names</b>	<b>Qty</b>
22	Micrometer outside 0-25mm	2
23	Vernier caliper 150mm	7
24	Vernier height gauge 0-300mm with least count 0.02mm	1
25	Vernier bevel protractor blade with acute angle attachment	1
26	V-Block pair with clamps 150x100x100mm	2
27	Angle plate 150x150x250mm	2
28	Punch letter set 3mm	1
29	Punch number set 3mm	1
30	File knife edge smooth 150mm	4
31	File feather edge smooth 150 mm	4
32	File triangular smooth 200 mm	16
33	File round second cut 200 mm	12
34	File square second cut 250 mm	16
35	File triangular second cut 200 mm	12
36	File flat second cut safe edge 300 mm	12
37	File flat bastard- 200mm	12
38	File flat bastard 300mm	12
39	File Swiss type needle Set of 12, Length = 150 mm	3
40	File half round second cut 250 mm	12
41	File half round bastard 250 mm	16
42	File round bastard 250 mm	16

<b>Sl. No.</b>	<b>Item Names</b>	<b>Qty</b>
43	File hand second cut 150 mm	16
44	File card 3"x5" size, brass or steel wire	2
45	Oil Can 250 ml	2
46	Wooden handle forged Soldering Iron copper bit. 230V, 250 W, 350 gm	2
47	Scraper flat 150 mm	12
48	Scraper triangular 150 mm	12
49	Scraper half round 150 mm	12
50	Chisel cold crosscut& diamond point 9 mm X 150 mm	4
51	Chisel cold round nose 9 mm X 100 mm	12
52	Vice bench 150 mm	11
53	Wing compass 254 mm or 300 mm	2
54	Pocker std size	2
55	Mallet Dia. 100 mm X 150 mm	2
56	Aviation Snips straight Cut 300 mm	2
57	Flat headed hammers with handle std size	2
58	Planishing hammer std size	2
59	Snip bent Left Cut 250 mm	2
60	Stake hatchet with Leg 300 X 200 X 20 mm	2
61	Stake grooving 100 X 100 X 300 mm	2
62	Carbide Wear Block 1 mm - 2 mm	2
63	Electrical Hand Cutting Machine 2200 Watts Blade dia 14 Inch Arbor Size 1 Inch Maximum Cutting Thickness 5 Inch Maximum Speed 4000rpm	1

Sl. No.	Item Names	Qty
64	<p>Integrated Blended Smart Classroom</p> <p>All in one Blended Smart Classroom Collaboration device with the following Configurations</p> <p>Digital Projection: Short throw, DLP with LED Source, HD resolution quality projection with 3D &amp; interactivity enabled, Optical Source: High intensity RGB 4 LED, Auto Focus, Optical Module 1500 ANSI Lumens brightness through Overlapping Technology Minimum 30,000 hrs. Lamp Life since it is LED technology, Native Resolutio: HD [1920 x 1080], Image Size: upto 120 inches (Diagonally) Throw Ratio: 0.8, Contrast Ratio: 700:1, Aspect Ratio: 16:9, Computing Unit: Intel i5, 10th Generation, RAM: 32GB/ 64 GB, Operating System: Windows 10, Storage: 1 TB SSD internal storage upgradable upto 2TB, Camera for Video Interactivity: Dual Cameras, 8 Megapixe camera with wide angle vision each</p> <p>Audio Capabilities: 20 w Integrated Speakers - Wide-band frequency response speaker design., Microphone - High-sensitivity piezoelectric MEMS microphone with noise cancellation, that captures sound from distance of up to 10 meters, Interfaces and Connectivity: Bluetooth 5.1 &amp; Wi-Fi enabled , Ethernet Port,2 USB 3.0 Ports, 2 HDMI</p>	2