

Part C: Procurement Plan

Procurement Plan: IMC to submit the procurement plan for ITI as per Section 4.2- Procurement guidelines in the below format:

Items to be procured

Sr.No	Std List No	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	Status
1	9	Scissors	200mm	SEWING TECHNOLOGY	5	250	1250	Procurement on Gem	
2	20	Trail room with arrangement with hanging dress	3 SIDE MIRROR 150CM*60CM	SEWING TECHNOLOGY	1	10500	10500	Procurement on Gem	
3	22	Sewing Machine	Single Needel lock stich Industrial Model	SEWING TECHNOLOGY	4	32000	128000	Procurement on Gem	
4	31	Stools		SEWING TECHNOLOGY	4	800	3200	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
5	34	Instructor's table	1220 x 760 x 760 MM	SEWING TECHNOLOGY	1	3500	3500	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
6	35	Instructor's chair	revolving chair ( back size 18" x 27" seat size 18" x 18"	SEWING TECHNOLOGY	1	4500	4500	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
7	40	Single Desk	70x90x70 cm	SEWING TECHNOLOGY	4	2000	8000	Procurement on Gem	
8	41	Chair for Student	as per ISI standard	SEWING TECHNOLOGY	4	2000	8000	Procurement on Gem	
9	42	Faculty Table & Chair set	5'x4'x2.5'	SEWING TECHNOLOGY	1	7500	7500	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
10	43	Desktop Computer	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. RAM:-4 GB DDR-III or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch. Licensed Operating System and Antivirus compatible with trade related software.	SEWING TECHNOLOGY	1	55000	55000	Procurement on Gem	Purchase Completed
11	44	UPS	500 watt capacity	SEWING TECHNOLOGY	1	5000	5000	Procurement on Gem	Purchase Completed
12	45	Multimedia Projector	as per ISI standard	SEWING TECHNOLOGY	1	15000	15000	Procurement on Gem	Purchase Completed
13	47	Almirah	2.5 m x 1.20 m x 0.5 m	SEWING TECHNOLOGY	1	12000	12000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending

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14	39	Air Conditioner	As per requirement	SEWING TECHNOLOGY	1	33245	33245	Procurement on Gem	RA Completed due to code of conduct order not placed yet
15	26	Angle plate Size	200×100×200	Mechanic Diesel Engine	2	3000	6000	Procurement on Gem	
16	76	granite surface plate with stand and cover	100×75×15 cm with 3' height tabel	Mechanic Diesel Engine	1	16000	16000	Procurement on Gem	
17	181	Automotive exhaust 5 gas analyser (petrol & Diesel) and Diesel Smoke meter(Optional)Exhaust 5 Gas Analyzer Petrol ARAI approved to check CO, CO2, O2, and HC& NO.	5 gas analyser (petrol & Diesel) and Diesel Smoke meter(Optional)Exhaust 5 Gas Analyzer Petrol ARAI approved to check CO, CO2, O2, and HC& NO.	Mechanic Diesel Engine	1	150000	150000	Procurement on Gem	Purchase Completed

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18	190	Heavy commercial vehicle (without body on frame)	as per ISI standard	Mechanic Diesel Engine	1	170000	170000	Procurement on Gem	
19	229	Instructor Table		Mechanic Diesel Engine	1	5500	5500	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
20	229	Instructor Chair		Mechanic Diesel Engine	1	2200	2200	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
21	230	Student Chair with writing pad		Mechanic Diesel Engine	24	1250	30000	Procurement on Gem	
22	232	Instructor Laptop		Mechanic Diesel Engine	1	96000	96000	Procurement on Gem	Purchase Completed
23	233	LCD projector with screen.	as per ISI standard	Mechanic Diesel Engine	1	150000	150000	Procurement on Gem	Purchase Completed
24	234	Lockers with drawers	16 draz	Mechanic Diesel Engine	4	4500	18000	Procurement on Gem	Purchase Completed
25	11	Soldering Iron Changeable bits	15-Watt, 240 Volt	Mechanic Consumer Electronics Appliances	12	85	1020	Procurement on Gem	
26	15	Tweezers	150 mm	Mechanic Consumer Electronics Appliances	2	20	40	Procurement on Gem	
27	20	Magneto spanner set	8 Spanners	Mechanic Consumer Electronics Appliances	2	800	1600	Procurement on Gem	
28	25	Pliers round nose insulated	100 mm	Mechanic Consumer Electronics Appliances	4	105	420	Procurement on Gem	
29	34	Scissors	200mm	Mechanic Consumer Electronics Appliances	1	55	55	Procurement on Gem	
30	36	Hand Drill Machine Electric with Hammer Action	13mm	Mechanic Consumer Electronics Appliances	1	1900	1900	Procurement on Gem	
31	46	Clamp meter	0-10A	Mechanic Consumer Electronics Appliances	2	2400	4800	Procurement on Gem	
32	49	Autotransformer	15 AMPS	Mechanic Consumer Electronics Appliances	2	5000	10000	Procurement on Gem	

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33	51	Milli Ammeter (AC)	0-200mA	Mechanic Consumer Electronics Appliances	2	600	1200	Procurement on Gem	
34	52	Milli Ammeter (DC)	0-500mA	Mechanic Consumer Electronics Appliances	2	600	1200	Procurement on Gem	
35	58	Desktop Computer	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. RAM:-4 GB DDR-III or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor (Min. 17 Inch. Licensed Operating System and Antivirus compatible with trade related software.	Mechanic Consumer Electronics Appliances	4	55000	220000	Procurement on Gem	Purchase Completed
36	59	Laptops latest configuration	core i7 8th generation, 8 gb, 256 SSD , window 10	Mechanic Consumer Electronics Appliances	1	60000	60000	Procurement on Gem	Purchase Completed
37	60	INTERNET BROADBAND CONNECTION	as per standard	Mechanic Consumer Electronics Appliances	1	10000	10000	Procurement on Gem	
38	79	Seven segment DPM trainer	3 and 1/2 digit display, input impedance 10 M ohms	Mechanic Consumer Electronics Appliances	6	5000	30000	Procurement on Gem	
39	84	Allen key screwdriver	5 no. of set	Mechanic Consumer Electronics Appliances	1	600	600	Procurement on Gem	
40	110	Solar Training Kit/ Simulator	With built in meters for DCV, DCA, AC multifunction Meter (for ACL, ACV, Power,Frequency), Protection Circuits, BS-10 terminals for making the connection, Single/ Dual axis tracking system Charge Controller: PWM based MPPT, Charging Stage: Bulk, Absorptions and Float	Mechanic Consumer Electronics Appliances	1	5500	5500	Procurement on Gem	
41	111	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 variable AC	Mechanic Consumer Electronics Appliances	2	5500	11000	Procurement on Gem	

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42	113	Instructor's chair	revolving chair ( back size 18" x 27" seat size 18" x 18"	Mechanic Consumer Electronics Appliances	2	4500	9000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
43	114	Metal Rack	100cm x 150cm x 45cm	Mechanic Consumer Electronics Appliances	4	7000	28000	Procurement on Gem	
44	115	Lockers with drawers	16 draz	Mechanic Consumer Electronics Appliances	2	4000	8000	Procurement on Gem	Purchase Completed
45	116	Almirah	2.5 m x 1.20 m x 0.5 m	Mechanic Consumer Electronics Appliances	2	12000	24000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
46	119	Classroom furniture (dual desk)	120x140x90 cm	Mechanic Consumer Electronics Appliances	12	3000	36000	Procurement on Gem	Purchase Completed
47	121	Stools for lab	Ø30x55 cm	Mechanic Consumer Electronics Appliances	24	500	12000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
48	1	Measuring Steel Tape	5 meter	Electrician	42	276	11592	Procurement on Gem	
49	2	Combination Plier Insulated	200 mm	Electrician	42	150	6300	Procurement on Gem	
50	3	Screwdriver Insulated	4mm X 150 mm, Diamond Head	Electrician	42	100	4200	Procurement on Gem	
51	4	Screwdriver Insulated	6mm X 150 mm	Electrician	42	90	3780	Procurement on Gem	
52	5	Electrician screwdriver thin stem insulated handle	4mm X 100 mm	Electrician	42	100	4200	Procurement on Gem	
53	6	Heavy Duty Screwdriver insulated	5mm X 200 mm	Electrician	42	120	5040	Procurement on Gem	
54	7	Electrician Screwdriver thin stem insulated handle	4mm X 250 mm	Electrician	42	150	6300	Procurement on Gem	
55	8	Punch Centre	9mm X 150 mm	Electrician	42	100	4200	Procurement on Gem	
56	9	Knife Double Bladed Electrician	100 mm	Electrician	42	150	6300	Procurement on Gem	
57	10	Neon Tester	500 V	Electrician	42	100	4200	Procurement on Gem	
58	11	Steel Rule Graduated both in Metric and English Unit	300 mm with precision of 1/4th mm	Electrician	42	150	6300	Procurement on Gem	
59	12	Hammer, cross peen with handle	250 grams	Electrician	42	150	6300	Procurement on Gem	
60	13	Hammer, ball peen With handle	500 grams	Electrician	4	250	1000	Procurement on Gem	

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61	14	Pincer	150 mm	Electrician	4	150	600	Procurement on Gem	
62	15	C- Clamp	200 mm and 100 mm	Electrician	2	400	800	Procurement on Gem	
63	16	Spanner Adjustable drop forged, SS	150 mm & 300mm	Electrician	2	200	400	Procurement on Gem	
64	17	Blow lamp brass	0.5 ltr	Electrician	1	100	100	Procurement on Gem	
65	18	Chisel Cold	25 mm X 200 mm	Electrician	2	100	200	Procurement on Gem	
66	19	Chisel firmer with wooden Handle	6 mm X 200 mm	Electrician	2	150	300	Procurement on Gem	
67	20	Allen Key alloy steel	1.5-10 mm (set of 9)	Electrician	1	250	250	Procurement on Gem	
68	21	Grease Gun	0.5 ltr. Capacity	Electrician	1	500	500	Procurement on Gem	
69	22	Bradawl	150 mm	Electrician	2	60	120	Procurement on Gem	
70	23	Pully Puller with 3 legs	150 mm & 300mm	Electrician	1	300	300	Procurement on Gem	
71	24	Bearing Puller (inside and outside)	200 mm	Electrician	1	300	300	Procurement on Gem	
72	25	Pipe vice Cast Iron with hardened jaw open type	100 mm	Electrician	2	2500	5000	Procurement on Gem	
73	26	Scissors blade, SS	200mm	Electrician	4	95	380	Procurement on Gem	
74	27	Scissors blade, SS	150 mm	Electrician	2	90	180	Procurement on Gem	
75	28	Crimping Tool	1.5 sq mm to 16 sq mm	Electrician	2	500	1000	Procurement on Gem	
76	29	Wire Cutter and Stripper	150 mm	Electrician	4	150	600	Procurement on Gem	
77	30	Mallet hard wood	0.50 kg	Electrician	4	70	280	Procurement on Gem	
78	31	Hammer Extractor type	250 grams	Electrician	4	125	500	Procurement on Gem	
79	32	Hacksaw frame	Adjustable 300 mm Fixed 150 mm	Electrician	2	250	500	Procurement on Gem	
80	33	Try Square	150 mm blade	Electrician	4	125	500	Procurement on Gem	
81	34	Outside Calliper	150 mm spring type	Electrician	2	150	300	Procurement on Gem	
82	35	Inside Calliper	150 mm spring type	Electrician	2	150	300	Procurement on Gem	
83	36	Divider	150 mm spring type	Electrician	2	150	300	Procurement on Gem	
84	37	Pliers long nose insulated	150 mm	Electrician	4	220	880	Procurement on Gem	
85	38	Pliers flat nose insulated	200 mm	Electrician	4	120	480	Procurement on Gem	

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86	39	Pliers round nose insulated	100 mm	Electrician	4	120	480	Procurement on Gem	
87	40	Tweezers	150 mm	Electrician	4	25	100	Procurement on Gem	
88	41	Snip Straight and Bent heavy duty	250 mm	Electrician	2	300	600	Procurement on Gem	
89	42	D.E. metric Spanner Double Ended	6 - 32 mm	Electrician	2	290	580	Procurement on Gem	
90	43	Drill hand brace	0-100mm	Electrician	4	200	800	Procurement on Gem	
91	44	Drill S.S. Twist block	2 mm, 5 mm and 6 mm set of 3	Electrician	4	400	1600	Procurement on Gem	
92	45	Plane cutters	50 mm X 200mm	Electrician	2	250	500	Procurement on Gem	
93	46	Smoothing cutters	50 mm X 200mm	Electrician	2	300	600	Procurement on Gem	
94	47	Gauge, wire imperial stainlees steel marked in SWG & mm	Wire Gauge - Metric	Electrician	4	125	500	Procurement on Gem	
95	48	File flat	200 mm 2nd cut with handle	Electrician	8	180	1440	Procurement on Gem	
96	49	File half round	200 mm 2nd cut with handle	Electrician	4	190	760	Procurement on Gem	
97	50	File round	200 mm 2nd cut with handle	Electrician	4	185	740	Procurement on Gem	
98	51	File flat rough	200 mm with handle	Electrician	4	180	720	Procurement on Gem	
99	52	File flat bastard	250 mm with handle	Electrician	4	190	760	Procurement on Gem	
100	53	File flat smooth	250 mm with handle	Electrician	4	190	760	Procurement on Gem	
101	54	File Rasp, half round	200 mm bastard with handle	Electrician	4	200	800	Procurement on Gem	
102	55	Copper bit soldering iron.	0.25 kg	Electrician	2	700	1400	Procurement on Gem	
103	56	De soldering Gun	Heat proof nozzle, PVC type, 250mm	Electrician	4	500	2000	Procurement on Gem	
104	57	Hand Vice	50 mm jaw	Electrician	4	200	800	Procurement on Gem	
105	58	Table Vice	100 mm jaw	Electrician	8	800	6400	Procurement on Gem	
106	59	Oil Can	250 ml	Electrician	2	200	400	Procurement on Gem	
107	60	Contactora & auxiliary contacts	3 phase, 415 Volt, 25 Amp with 2 NO and 2NC	Electrician	2	1200	2400	Procurement on Gem	
108	61	Contactora & auxiliary contacts.	3 phase, 415 volt, 32 Amp with 2 NO and 2 NC	Electrician	2	1500	3000	Procurement on Gem	
109	62	Limit Switch	Limit Switch, Liver operated 2A 500v, 2-contacts	Electrician	2	500	1000	Procurement on Gem	
110	63	Rotary Switch	16 A/440v	Electrician	22	800	17600	Procurement on Gem	

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111	64	Relay- a. Cut out Relays b. Reverse current c. Over current d. Under voltage	a. 16A, 440V b. 16A, 440V c. 16A, 440V d. 360V-440V	Electrician	2	5000	10000	Procurement on Gem	
112	65	Pin Type, shackle type, egg type & suspension type insulators including hardware fitting	standard size ( ISI )	Electrician	2	500	1000	Procurement on Gem	
113	66	Hydrometer	as per ISI standard	Electrician	2	500	1000	Procurement on Gem	
114	67	Hand Drill Machine	0-6 mm capacity	Electrician	2	500	1000	Procurement on Gem	
115	68	Portable Electric Drill Machine	0-12 mm capacity 750w, 240v with chuck and key	Electrician	1	2000	2000	Procurement on Gem	
116	69	Load Bank ( Lamp / heater Type)	6 KW, 3Ph	Electrician	1	2000	2000	Procurement on Gem	
117	70	Brake Test arrangement with two spring balance rating	0 to 25 kg	Electrician	1	3000	3000	Procurement on Gem	
118	71	Laboratory Type Induction Coil	1000 W	Electrician	2	2000	4000	Procurement on Gem	
119	72	Out Side Micrometer	0 - 25 mm least count 0.01mm	Electrician	2	1000	2000	Procurement on Gem	
120	73	Thermometer Digital	0° C - 150° C	Electrician	11	1000	11000	Procurement on Gem	
121	74	Series Test Lamp	230V, 60W	Electrician	4	30	120	Procurement on Gem	
122	75	Knife Switch DPDT fitted with fuseterminals	16 Amp	Electrician	4	600	2400	Procurement on Gem	
123	76	Knife Switch TPDT fitted with fuseterminals	16 Amp/ 440 V	Electrician	4	800	3200	Procurement on Gem	
124	77	Miniature Breaker	16 amp	Electrician	2	200	400	Procurement on Gem	
125	78	Earth Plate	60cm X 60cm X 3.15mm Copper Plate 60cm X 60cm X 6mm GI Plate	Electrician	1	5000	5000	Procurement on Gem	
126	79	Earth Electrode	Primary Electrode 2100x28x3.25mm Secondary Cu Strip 20x5mm	Electrician	1	5000	5000	Procurement on Gem	
127	80	MCCB	100Amps, Triple pole	Electrician	1	3000	3000	Procurement on Gem	
128	81	ELCB and RCCB	25Amps, double pole and 25Amps, double pole, IΔn 30 mA	Electrician	1	2000	2000	Procurement on Gem	
129	82	Fuses	HRC Glass Rewire Type	Electrician	4	200	800	Procurement on Gem	
130	83	Rheostat (Sliding type)	0 - 25 Ohm, 2 Amp 0 - 300 Ohm, 2 Amp 0 -1 Ohm, 10Amp	Electrician	1	500	500	Procurement on Gem	
131	83	Rheostat (Sliding type)	0 -10 Ohm, 5 Amp	Electrician	1	500	500	Procurement on Gem	
132	84	Capacitors	Electrolytic Ceramic Polyester film Variable Dual run	Electrician	2	500	1000	Procurement on Gem	
133	85	Various Electronic components	Resistors, Diode, Transistor, UJT, FET, SCR, DIAC, TRIAC, IGBT, Small transformer etc.	Electrician	1	150	150	Procurement on Gem	



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134	86	Various Lamps	Halogen Incandescent Lamp Fluorescent tube HP mercury vapor Lamp High-pressure sodium Lamp Low-pressure sodium Lamp LED	Electrician	1	500	500	Procurement on Gem	
135	87	Plug socket Piano SwitchLamp Holder	230 V, 5 A	Electrician	2	90	180	Procurement on Gem	
136	88	Cables: Twisted Pair Non-Metallic Sheathed Cable Underground Feeder Cable Ribbon Cable Metallic Sheathed Cable Multi-Conductor Cable Coaxial Cable Direct-Buried Cable Bus bar with brackets	1 mtr each	Electrician	1	1000	1000	Procurement on Gem	
137	89	Bus bar with brackets	1 mtr each	Electrician	3	1000	3000	Procurement on Gem	
138	90	Rubber mat	2' x 4' x 1"	Electrician	2	1500	3000	Procurement on Gem	
139	91	Electrician Helmet	Yellow Colour	Electrician	2	500	1000	Procurement on Gem	
140	92	RCC Pole with accessories (MS angleiron, 'C' clamp, stay insulator etc.)and materials	6 Mtr	Electrician	1	8000	8000	Procurement on Gem	
141	93	Safety Belt	Standard quality	Electrician	2	2000	4000	Procurement on Gem	
142	94	Ohm Meter; Series Type & Shunt Type, portable box type	50/2000-ohm analog	Electrician	2	1000	2000	Procurement on Gem	
143	95	Digital Multi Meter	DC 200mv -1000v,0 – 10A & AC 200mv- 750v , 0-10A, resistance 0-20 MΩ and 3 1/2 digit	Electrician	12	800	9600	Procurement on Gem	
144	96	A.C. Voltmeter M.I. analog, portable box type housed in Bakelite case	Multi range 75 V - 150V - 300V - 600V	Electrician	3	1000	3000	Procurement on Gem	
145	97	Milli Voltmeter centre zero analog, portable box type housed in Bakelite case	100 – 0 – 100 mV	Electrician	2	800	1600	Procurement on Gem	
146	98	Ammeter MC analog, portable box type housed in Bakelite case	0 - 500 mA, 0-5 A, 0-25 A	Electrician	2	1000	2000	Procurement on Gem	
147	99	AC Ammeter MI, analog, portable box type housed in Bakelite case	0 - 1 A, 0-5 A, 0-25 A	Electrician	2	1000	2000	Procurement on Gem	
148	100	Kilo Wattmeter Analog	0-1.5-3KW, pressure coil rating- 240v/440v, current rating-5A/10A Analoge, portable type Housed in Bakelite case	Electrician	2	1800	3600	Procurement on Gem	
149	101	Digital Wattmeter	230 V, 1 KW, 50 Hz	Electrician	2	1000	2000	Procurement on Gem	
150	102	A.C. Energy Meter	Single Phase, 10 A, 240 V induction type	Electrician	2	1000	2000	Procurement on Gem	
151	103	A.C. Energy Meter	Three Phase, 15 A , 440 V induction type	Electrician	2	2500	5000	Procurement on Gem	
152	104	Power Factor Meter Digital	440 V, 20 A, Three Phase portable box type	Electrician	2	1200	2400	Procurement on Gem	
153	105	Frequency Meter	45 to 55 Hz	Electrician	2	2000	4000	Procurement on Gem	
154	106	Magnetic Flux Meter	0-500 tesla	Electrician	2	3000	6000	Procurement on Gem	
155	107	Lux meter	lux meter LCD read out 0.05 to 7000 lumens with battery.	Electrician	2	2500	5000	Procurement on Gem	

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156	108	Tachometer	Analog Type - 10000 RPM	Electrician	1	1000	1000	Procurement on Gem	
157	109	Tachometer	Digital Photo Sensor Type - 10000 RPM	Electrician	1	1800	1800	Procurement on Gem	
158	110	Tong Tester / Clamp Meter	0 - 100 A (Digital Type)	Electrician	2	1100	2200	Procurement on Gem	
159	111	Megger	Analog - 500 V	Electrician	2	2000	4000	Procurement on Gem	
160	112	3- point D.C. Starter	For 2.5 KW DC motor	Electrician	1	1500	1500	Procurement on Gem	
161	113	4- point D.C. Starter	For 2.5 KW DC motor	Electrician	1	1800	1800	Procurement on Gem	
162	114	Wheat Stone Bridge with galvanometer and battery	as per ISI standard	Electrician	2	2500	5000	Procurement on Gem	
163	115	Single Phase Variable AutoTransformer	0 - 270 V, 10Amp (Air cooled)	Electrician	2	2500	5000	Procurement on Gem	
164	116	Phase Sequence Indicator	3 Phase, 415 V	Electrician	2	1500	3000	Procurement on Gem	
165	117	Growler	230 V, 50 Hz, Single Phase, Adjustable jaws, Testing armature with ampere meter and testing probes.	Electrician	1	2500	2500	Procurement on Gem	
166	118	AC Starters: - a. Resistance type starter b. Direct on line Starter c. Star Delta Starter- Manual d. Star Delta Starter – Semi automatic e. Star Delta Starter – Fully automatic f. Star Delta Starter - Soft starter g. Auto Transformer type	as per ISI standard	Electrician	1	2500	2500	Procurement on Gem	
167	119	Oscilloscope Dual Trace	20 MHz	Electrician	1	25000	25000	Procurement on Gem	
168	120	Function Generator	2 to 200 KHz, Sine, Square, Triangular 220 V, 50 Hz, Single Phase	Electrician	1	2500	2500	Procurement on Gem	
169	121	Soldering Iron	25-Watt, 65 Watt and 120-Watt, 230 Volt	Electrician	2	150	300	Procurement on Gem	
170	122	Temperature controlled SolderingIron	50-Watt, 230 Volt	Electrician	2	1500	3000	Procurement on Gem	
171	123	Discrete Component Trainer	Discrete Component (for diode and transistor circuit) with regulated power supply +5,0- 5 V,+12 ,0-12 V	Electrician	2	3500	7000	Procurement on Gem	
172	124	Linear I.C. Trainer	Linear I.C. Trainer with regulated power supply 1.2V to 15V PIC socket 16pin and 20 pins with bread board	Electrician	1	3600	3600	Procurement on Gem	
173	125	Digital I.C. Trainer	Digital I.C. Trainer 7 segment display and bread board	Electrician	1	3600	3600	Procurement on Gem	
174	126	a. Electric Induction plate	a. 1500 Watt, 240V	Electrician	1	1500	1500	Procurement on Gem	
175	126	b. Electric Kettle	b. 1500 Watts, 240V	Electrician	1	1500	1500	Procurement on Gem	
176	126	c. Electric Iron	c. Automatic - 750 W, 240 V	Electrician	1	1200	1200	Procurement on Gem	
177	126	d. Immersion Heater	d. 1500 Watt, 240V	Electrician	1	500	500	Procurement on Gem	

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178	126	e. A.C. Ceiling Fan and AC Table Fan	e. 68-Watt, 230 V	Electrician	1	1500	1500	Procurement on Gem	
179	126	f. Geysler (Storage type)	f. 10 litre	Electrician	1	4000	4000	Procurement on Gem	
180	126	g. Mixture & Grinder	g. 750 W, 240 V	Electrician	1	4500	4500	Procurement on Gem	
181	126	h. Washing Machine Semi-Automatic	h. 5 Kg,	Electrician	1	10000	10000	Procurement on Gem	
182	126	i. Motor Pump set	i. 1 HP, 1 Phase, 240 V	Electrician	1	2500	2500	Procurement on Gem	
183	127	Oil Testing Kit	Oil Testing Kit 230 V, single phase 50 Hz 60 VA output 0-60 KV Variable	Electrician	1	5000	5000	Procurement on Gem	
184	128	Inverter with Battery	1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	Electrician	1	15000	15000	Procurement on Gem	
185	129	Voltage Stabilizer	AC Input - 150 - 250 V, 600 VA AC Output - 240 V, 10 A	Electrician	1	2000	2000	Procurement on Gem	
186	130	DC Power Supply	0 - 30 V, 5 A	Electrician	2	1500	3000	Procurement on Gem	
187	131	Battery Charger	0 - 6 - 9 - 12 - 24 - 48 V, 30amp	Electrician	1	2000	2000	Procurement on Gem	
188	132	Current Transformer	415 V, 50Hz, CT Ratio 25 / 5 A, 5VA	Electrician	2	700	1400	Procurement on Gem	
189	133	Potential Transformer	415 V, 50Hz, PT Ratio, 440V/110V, 10VA	Electrician	2	900	1800	Procurement on Gem	
190	134	Solar panel with Battery	18 Watt	Electrician	1	7600	7600	Procurement on Gem	
191	135	Pentium IV Computer or latest	2.8 GHz & above, 1 GB RAM, 80 GB HDD, DVD Combo Drive, 19/21" Monitor, optical scroll mouse, multimedia keyboard, 32 bit LAN card with UPP port, necessary Drivers, etc. OR (Latest Version)	Electrician	2	25000	50000	Procurement on Gem	Purchase Completed
192	136	Ink jet/ laser printer	as per ISI standard	Electrician	1	10000	10000	Procurement on Gem	Purchase Completed
193	169	Instructor's table	1220 x 760 x 760 MM	Electrician	1	3000	3000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
194	170	Instructor's chair	revolving chair ( back size 18" x 27" seat size 18" x 18"	Electrician	2	4500	9000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
195	171	Metal Rack	100cm x 150cm x 45cm	Electrician	4	4500	18000	Procurement on Gem	
196	172	Lockers with drawers	16 draz	Electrician	3	12000	36000	Procurement on Gem	Purchase Completed
197	173	Almirah	2.5 m x 1.20 m x 0.5 m	Electrician	2	12000	24000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending

Sr.No	Std List No	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	Status
198	175	Fire Extinguisher CO2	2 KG	Electrician	2	1500	3000	Procurement on Gem	
199	176	Fire Buckets	Standard size	Electrician	2	1500	3000	Procurement on Gem	
200	167	work bench		Electrician	4	19000	76000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
201	96	Welding Process Inspection and Code	as per ISI standard	Welder	1	1700	1700	Procurement on Gem	
202	74	Leather Hand gloves	as per ISI standard	Welder	10	140	1400	Procurement on Gem	
203	75	Cotton Hand Gloves	as per ISI standard	Welder	10	110	1100	Procurement on Gem	
204	76	Leather Apron	as per ISI standard	Welder	10	500	5000	Procurement on Gem	
205	78	Leather Hand Sleeve	as per ISI standard	Welder	10	220	2200	Procurement on Gem	
206	81	Rubber Hose Clip	as per ISI standard	Welder	10	10	100	Procurement on Gem	
207	84	Arc welding cable copper	as per ISI standard	Welder	45	171.11	7700	Procurement on Gem	
208	86	Arc welding plain glass	as per ISI standard	Welder	68	58.82	4000	Procurement on Gem	
209	87	Gas welding goggle	as per ISI standard	Welder	34	58.82	2000	Procurement on Gem	
210	89	Spark Lighter	as per ISI standard	Welder	6	43.33	260	Procurement on Gem	
211	95	LCD projector with screen	as per ISI standard	Welder	1	130000	130000	Procurement on Gem	Purchase Completed
212	92	Students chairs with writing pads	as per ISI standard	Welder	40	1500	60000	Procurement on Gem	
213	40	Welding Transformer (or) Inverter based welding machine	with all accessories (300A, OCV 60-100 V, 60% duty cycle)	Welder	1	43750	43750	Procurement on Gem	
214	41	D.C Arc welding rectifiers set with all accessories	(400 A, OCV 60-100 V, 60% duty cycle)	Welder	1	34700	34700	Procurement on Gem	Purchase Completed
215	43	AC/DC GTAW welding machine	with water cooled torch 300 A, Argon regulator, Gas hose, water circulating system and standard accessories.	Welder	1	67968	67968	Procurement on Gem	
216	48	Pug cutting machine capable of cutting straight		Welder	1	53000	53000	Procurement on Gem	Purchase Completed
217	49	Pedestal grinder fitted with coarse 300 mm dia.	300 mm dia	Welder	2	39999	79998	Procurement on Gem	Purchase Completed
218	50	Beanch ginder fitted with fine grain size silicon carbide green grinding wheel	150 mm dia	Welder	1	23000	23000	Procurement on Gem	

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219	51	AG 4 grinder	-	Welder	3	1798	5394	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
220	91	Instructor chair and table		Welder	1	9500	9500	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
221	92	Student Chair with writing pad		Welder	20	1400	28000	Procurement on Gem	
222	36	Steel Amirah		Welder	4	18000	72000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
223	33	Steel Lockers		Welder	1	12000	12000	Procurement on Gem	Purchase Completed
224	59	work bench		Welder	4	19000	76000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
225	9	Instructor Chair	-	ICT Infrastructure	1	2200	2200	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
226	-	Instructor Table	-	ICT Infrastructure	1	5500	5500	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
227	-	Computer Chair	-	ICT Infrastructure	4	3345	13380	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
228	-	Desktop Computer	-	ICT Infrastructure	11	81900	900900	Procurement on Gem	Purchase Completed
229	-	Table for printer	-	ICT Infrastructure	1	7606	7606	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
230	-	Lazor printer	-	ICT Infrastructure	2	16000	32000	Procurement on Gem	Purchase Completed
231	-	UPS for PC	-	ICT Infrastructure	11	17000	187000	Procurement on Gem	Purchase Completed
232	197	Compressor unit	suitable for Pressure: 8 bar, Delivery: 50 lpm (or more), (or more), 230V, 50 Hz, with Reservoir capacity: 24 Litres pressure regulator and water separator	Fitter	1	10000	10000	Procurement on Gem	Purchase Completed
233	198	Pneumatic Trainer Kit, each consisting of the following matching components and accessories:	as per ISI standard	Fitter	1			Procurement on Gem	

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234		Single acting cylinder	Max. stroke length 50 mm, Bore dia. 20 mm	Fitter	1	39000	39000	Procurement on Gem	
235		Double acting cylinder	Max. stroke length 100 mm, Bore dia 20 mm, magnetic type	Fitter	2			Procurement on Gem	
236		3/2-way valve	manually-actuated, Normally Closed	Fitter	1			Procurement on Gem	
237		3/2-way valve	pneumatically-actuated, spring return	Fitter	2			Procurement on Gem	
238		One-way flow control valve	as per ISI standard	Fitter	1			Procurement on Gem	
239		5/2-way valve	with manually-operated switch	Fitter	1			Procurement on Gem	
240		5/2-way valve	pneumatically-actuated, spring return	Fitter	1			Procurement on Gem	
241		5/2-way pneumatic actuated valve	double pilot	Fitter	2			Procurement on Gem	
242		3/2-way roller lever valve	direct actuation Normally Closed	Fitter	1			Procurement on Gem	
243		Shuttle valve (OR)	as per ISI standard	Fitter	1			Procurement on Gem	
244		Two-pressure valve (AND)	as per ISI standard	Fitter	1			Procurement on Gem	
245		Pressure gauge	0-16 bar	Fitter	1			Procurement on Gem	
246		Manifold with self-closing	NRV, 6-way	Fitter	1			Procurement on Gem	
247		Pushbutton station for electrical signal input	with 3 illuminated momentary-contact switches (1 NO + 1 NC) and 1 illuminated maintained- illuminated maintained-contact switch (1 NO + 1NC), Contact load 2A	Fitter	1			Procurement on Gem	
248		Relay station	with 3 relays each with 4 contact sets (3NO+1NC or Change-over type), 5 A	Fitter	1			Procurement on Gem	
249		3/2-way single solenoid valve	with LED	Fitter	1			Procurement on Gem	
250		5/2-way single solenoid valve	with manual override and LED	Fitter	1			Procurement on Gem	
251		5/2-way double solenoid valve	with manual override and LED	Fitter	1			Procurement on Gem	
252		Power supply unit,	Input voltage 85 – 265 V AC, Output voltage: 24 V DC, Output current: max. 4.5 A, short-circuit-proof.	Fitter	1			Procurement on Gem	
253		Profile plate, Anodised Aluminium	1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the pneumatic workstation)	Fitter	1			Procurement on Gem	

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254	199	Pneumatic Workstation with 40 square mm aluminium profile legs, wooden work surface, and one pedestal drawer unit having 5 drawers, each with handles and individual locks, on metallic full panel drawer slide:	(1) Worktable – Size (Approx.) L1200mmXW900mmXH900 mm, with four castor wheels including two lockable wheels at the front side, (2)Drawer – Size (Approx.) – L460mmxW495mm xH158mm each, and overall size of Drawer unit (Approx.) L470mmxW495mmxH825m m and (3) Drawer slide height (Approx.) 85mm.	Fitter	1	10000	10000	Procurement on Gem	
255	200	Carrier for mounting components, such as PB & relay boxes.		Fitter	1	2000	2000	Procurement on Gem	
256	201	Cut section model for pneumatic components		Fitter	1	2000	2000	Procurement on Gem	
257	202	Hydraulic Trainer Kit, each consisting of the following matching components and accessories:		Fitter	1			Procurement on Gem	
258		Hydraulic Power pack	with (1) external gear pump having a delivery rate of 2.5 lpm, (approx.) @ 1400 rpm operating pressure 60 bar, coupled to a single-phase AC motor (230 V AC) having start capacitor and ON/OFF switch and overload protection, (2) pressure relief valve adjustable from 0 – 60 bar, (3) oil reservoir, ≥5 litres capacity having sight glass, drain screw, air filter, and P and T ports.	Fitter	1			Procurement on Gem	
259		Pressure relief valve	pilot-operated	Fitter	1			Procurement on Gem	
260		Drip tray, steel	size 1160 mm x 760 mm.	Fitter	1	95000	95000	Procurement on Gem	
261		Pressure Gauge	Glycerin-damped, Indication range of: 0 – 100 bars	Fitter	1			Procurement on Gem	
262		Four-Way distributor	with five ports, equipped with a pressure gauge	Fitter	1			Procurement on Gem	
263		Double acting hydraulic cylinder	with a control cam, Piston diameter 16 mm, Piston rod diameter 10 mm, Stroke length 200 mm.	Fitter	1			Procurement on Gem	
264		Suitable Weight	for vertical loading of hydraulic cylinder	Fitter	1			Procurement on Gem	
265		Mounting kit for weight	for realizing pulling and pushing load.	Fitter	1			Procurement on Gem	
266		3/2-way directional control valve	with hand lever actuation.	Fitter	1			Procurement on Gem	

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267	203	Hydraulic Workstation with 40 square mm aluminium profile legs, wooden work surface, and one pedestal drawer unit having 5 drawers, each with handles and individual locks, on metallic full panel drawer slide:	(1) Worktable – Size (Approx.) L1200mmXW900mmXH900 mm, with four castor wheels including two lockable wheels at the front side, (2)Drawer – Size (Approx.) – L460mmxW495mm xH158mm each and overall,size of Drawer unit (Approx.) L470mmxW495mmxH825m (3) Drawer slide height (Approx.) 85mm.	Fitter	1	2000	2000	Procurement on Gem	
268	204	Cut-section models for hydraulic components	as per ISI standard	Fitter	1	1000	1000	Procurement on Gem	
269	21	Spirit Level metal Type - 2	300 mm Basic Length Accuracy 0.1mm/Meter	Fitter	1	150	150	Procurement on Gem	
270	22	Stud Extractor EZY - out	Set of 8	Fitter	2	75	150	Procurement on Gem	
271	34	Marking table (Mild steel)	900X900X900 mm	Fitter	1	10000	10000	Procurement on Gem	
272	86	Machine vice - Swivel Base	100 mm	Fitter	1	1000	1000	Procurement on Gem	
273	87	Machine vice - Swivel Base	125 mm	Fitter	1	1200	1200	Procurement on Gem	
274	103	Power tools for fastening	Capacity 10-18mm	Fitter	1	5000	5000	Procurement on Gem	
275	104	Different Profile gauges (Plate type) - For demonstration	Metric standard	Fitter	4	1800	7200	Procurement on Gem	
276	106	Indexable boring bar with inserts	1" shank	Fitter	4	300	1200	Procurement on Gem	
277	107	Machine maintenance manual for Lathe, Pedestal grinder, Drill machine, Power saw	as per ISI standard	Fitter	1	1000	1000	Procurement on Gem	
278	108	Temperature gauge	Range 0 - 150°C	Fitter	1	6000	6000	Procurement on Gem	
279	109	Dowel pin (straight)	Dia. -1" Length -4" (Mat:Stainless Steel)	Fitter	1	350	350	Procurement on Gem	
280	110	Standard Tap screws	M3, M4, M5, M6, M8, M10,M12, M14, M16	Fitter	1 Each	160	1440	Procurement on Gem	
281	111	Lapping plate	Dia. -6"	Fitter	2	4000	8000	Procurement on Gem	
282	112	Medium carbon Heat treated alloy steel Metric Studs and bolts along with nuts (for display) of standard length (May be manufactured in-house)	M6, M8, M10, M12, M14, M16 (Standard)	Fitter	2	60	120	Procurement on Gem	
283	113	Caps screws	M6, M8, M10, M12	Fitter	2	80	160	Procurement on Gem	
284	115	Cast Iron Globe Valve (Flanged type)	150NB, Class# 150 Flange:ANSI125-B16.1	Fitter	2	2000	4000	Procurement on Gem	
285	116	C.I. Sluice / Gate valve (flanged type)	150NB, Class# 150 Flange:ANSI125-B16.1	Fitter	2	2000	4000	Procurement on Gem	
286	117	Stop cock	25NB (2-way, Threaded end)	Fitter	2	50	100	Procurement on Gem	



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287	120	Slip-on Forged steel Flange	150NB, ANSI-B16.5,Class#150	Fitter	4	400	1600	Procurement on Gem	
288	121	Bolt & Nut with washer (May be manufactured in-house)	M20x2.5x90Long (partthread - Hex. Head)	Fitter	20	20	400	Procurement on Gem	
289	123	Jigs & Fixture (sample)-For demonstration (May be manufactured in-house)	as per ISI standard	Fitter	1	1000	1000	Procurement on Gem	
290	124	Pulleys (for V-belt or Flat belt)	to fit on 50mm dia. Shaft with key slot	Fitter	1	400	400	Procurement on Gem	
291	125	Steel keys (May be manufactured in-house)	to fit with key slot of shaft & pulley	Fitter	2	100	200	Procurement on Gem	
292	126	Damaged old spur gear	to fit 50mm dia. Shaft	Fitter	2	200	400	Procurement on Gem	
293	127	V-belt and Flat belt	to fit on pulley	Fitter	1	140	140	Procurement on Gem	
294	128	Packing gasket	PTFE gasket roll small size	Fitter	1	50	50	Procurement on Gem	
295	129	Washer, clutch, keys, jib, cotter & circlip	minimum 25mm size, carbon steel material	Fitter	2	60	120	Procurement on Gem	
296	131	Drill Drift (May be manufactured in-house)	200mm hardened and black finish	Fitter	2	100	200	Procurement on Gem	
297	132	Bearing different types	each type of diameter 25mm (min.)	Fitter	1	250	250	Procurement on Gem	
298	133	Lifting sling	8mm Nominal Dia. Single leg sling	Fitter	2	100	200	Procurement on Gem	
299	134	Bearing extractor	Universal gear puller 2 or 3 jaws adjustable	Fitter	1	800	800	Procurement on Gem	
300	135	Pulley extractor	- do -	Fitter	1	1000	1000	Procurement on Gem	
301	155	Digital vernier caliper.	0 - 150 mm with least count 0.02mm	Fitter	1	11000	11000	Procurement on Gem	
302	157	Surface roughness comparison plates	N1 - N12 Grade	Fitter	1	6000	6000	Procurement on Gem	
303	13	Flat Rough file	12"	Fitter	40	300	12000	Procurement on Gem	
304	52	Flat Second cut File	12"	Fitter	40	300	12000	Procurement on Gem	
305	53	Flat Bastard File	12"	Fitter	40	300	12000	Procurement on Gem	
306	14	Flat Smooth file	12"	Fitter	40	300	12000	Procurement on Gem	
307	51	Triangular File	12"	Fitter	40	300	12000	Procurement on Gem	
308	49	Square file	8"	Fitter	40	150	6000	Procurement on Gem	
309	58	Round File	12"	Fitter	40	300	12000	Procurement on Gem	
310	56	Half round File	12"	Fitter	40	300	12000	Procurement on Gem	
311	57	Half round File	8"	Fitter	40	150	6000	Procurement on Gem	

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312	48	Round File	8"	Fitter	40	150	6000	Procurement on Gem	
313	93	Metal Rack	100cm x 150cm x 45cm	Fitter	1	4500	4500	Procurement on Gem	
314	48	Fire Buckets	Standard size	Fitter	4	700	2800	Procurement on Gem	
315	175	Lathe Machine	Centre height 150 mm and centre distance 1000 mm along with 3 & 4 jaw chucks, auto feed system, safety guard, taper turning attachment, motorized coolant system, lighting arrangement & standard accessories.	Fitter	1	280000	280000	Procurement on Gem	Bid Completed, RA Pending, Bidding process paused due to code of conduct
316	176	Pillar Type Drilling Machine	Sensitive 0-20 mm cap with swivel table motorized with chuck & key.	Fitter	1	90000	90000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
317	94/95	Instructor Chair & Table		Fitter	1	10000	10000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
318	91	Almirah		Fitter	2	12000	24000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
319	98	Chair with writing pads		Fitter	20	1200	24000	Procurement on Gem	
320	92	Lockers		Fitter	3	12000	36000	Procurement on Gem	Purchase Completed
321	90	work bench		Fitter	1	19000	19000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
322	64	Classroom furniture (dual desk)	120×140×90 cm	Plumber	36	3000	108000	Procurement on Gem	Purchase Completed
323	52	Electric drill hand drill 6mm capacity with drill check (Electric)	6 mm capacity	Plumber	1	5000	5000	Procurement on Gem	
324	81	Chase Cutter	Blade dia 7 mm to 15 mm	Plumber	2	2500	5000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
325	78	Instructor Chair		Plumber	1	4000	4000	Procurement on Gem	
326	77	instructor table		Plumber	1	6000	6000	Procurement on Gem	
327	68	Almirah Storage (Big)		Plumber	1	12000	12000	Procurement on Gem	

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328	160	Air conditioned CRDI Vehicle in running condition - LMV New vehicle with CRDI engine, 04 strokes, 04 cylinders, BS-IV, fitted with air condition.	CRDI engine, 04 strokes, 04 cylinders, BS-IV, fitted with air condition with AC	Mechaic Motor Vehicle	1	700000	700000	Procurement on Gem	

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329	162	Automotive exhaust 5 gas analyser (petrol & Diesel) and Diesel Smoke meter(Optional)Exhaust 5 Gas Analyzer Petrol ARAI approved to check CO, CO2, O2, and HC& NO.	5 gas analyser (petrol & Diesel) and Diesel Smoke meter(Optional)Exhaust 5 Gas Analyzer Petrol ARAI approved to check CO, CO2, O2, and HC& NO.	Mechaic Motor Vehicle	1	150000	150000	Procurement on Gem	
330	166	Multi Scan Tool To scan Engine, ABS & EBD, AT, SRS, Body Control and immobilizer Should perform automotive sensor simulation test specially designed to diagnose and simulate vehicle sensor faults for sensors like MAP sensor, Intake air temperature sensor, TP sensor etc.	Multi Scan Tool To scan Engine, ABS & EBD, AT, SRS, Body Control and immobilizer Should perform automotive sensor simulation test specially designed to diagnose and simulate vehicle sensor faults for sensors like MAP sensor, Intake air temperature sensor, TP sensor etc.	Mechaic Motor Vehicle	1	115000	115000	Procurement on Gem	
331	168	Trolley Type portable air compressor	Belt drive comprssor along with accessories	Mechaic Motor Vehicle	1	15000	15000	Procurement on Gem	Purchase Completed
332	170	Cut section of 4/6 cylinder diesel engine in 6 cylinder diesel engine in 1 no. accessories (Optional) Cut Section of 2 Stroke 2 W Engine Single Cylinder	Cut section of 4/6 cylinder diesel engine in 6 cylinder diesel engine in 1 no. accessories (Optional) Cut Section of 2 Stroke 2 W Engine Single Cylinder	Mechaic Motor Vehicle	1	72000	72000	Procurement on Gem	
333	177	Petrol Engine(2-stroke) Motor Cycle/Scooter along with special tools	Petrol Engine(2-stroke) Motor Cycle/Scooter	Mechaic Motor Vehicle	1	12000	12000	Procurement on Gem	
334	179	Tube/ tyre vulcanizing machine 220 V , Heater Capacity 400W x 2 With different types of Die &Mould	220 V , Heater Capacity 400W x 2 With different types of Die &Mould	Mechaic Motor Vehicle	1	45000	45000	Procurement on Gem	
335	180	Two post car lift – capacity 4000 kg Hydraulic Type with Mechanical Arms Locking.	capacity 4000 kg Hydraulic Type with Mechanical Arms Locking.	Mechaic Motor Vehicle	1	145000	145000	Procurement on Gem	Purchase Completed
336	181	Tyre Changer Machine Motorized Pneumatic Type, Rim clamping facility, and bead breaking facility with air inflating device.	as per ISI standard	Mechaic Motor Vehicle	1	65000	65000	Procurement on Gem	
337	183	Wheel alignment Machine –computerized 3D (Optional)Latest machine for four wheel alignment. With connected camera , IR Lighting Source min. 8mm, Reflector metal based, should work in sunlight	computerized 3D (Optional)Latest machine for four wheel alignment. With connected camera , IR Lighting Source min. 8mm, Reflector metal based, should work in sunlight	Mechaic Motor Vehicle	1	300000	300000	Procurement on Gem	Purchase Completed
338	184	Wheel balancing machine For wheel balancing of LMV. Motor 0.5 HP Shaft Diameter min 38mm. Hardened flange assy. Balancing catch nut of metal.	Motor 0.5 HP Shaft Diameter min 38mm. Hardened flange assy. Balancing catch nut of metal.	Mechaic Motor Vehicle	1	75000	75000	Procurement on Gem	Purchase Completed
339	209	Instructor's table & Chair	1220 x 760 x 760 MM	Mechaic Motor Vehicle	1	5000	5000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
340	210	Students chairs with writing pads	as per ISI standard	Mechaic Motor Vehicle	24	2083.33	49999.92	Procurement on Gem	
341	213	LCD projector with screen.	as per ISI standard	Mechaic Motor Vehicle	1	15000	15000	Procurement on Gem	Purchase Completed
342	17	oil stone	as per ISI standard	Carpenter	25	150	3750	Procurement on Gem	
343	26	Sprit level	300 mm	Carpenter	2	300	600	Procurement on Gem	
344	32	Adze	15 kg	Carpenter	4	200	800	Procurement on Gem	

Sr.No	Std List No	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	Status
345	89	Steel Lockers, 8 compartments, with individual locks	1980X910X480 mm depth	Carpenter	1	12000	12000	Procurement on Gem	
346	92	Instructor's chair	revolving chair ( back size 18" x 27" seat size 18" x 18"	Carpenter	2	2500	5000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending

Sr.No	Std List No	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	Status
347	96	PORTABLE CIRCULAR SAW MACHINE	as per ISI standard	Carpenter	2	5000	10000	Procurement on Gem	Order In process
348	97	PORTABLE PLANNING MACHINE	as per ISI standard	Carpenter	2	7000	14000	Procurement on Gem	Order In process
349	99	PORTABLE SANDER MACHINE	as per ISI standard	Carpenter	1	4500	4500	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
350	100	PORTABLE ZIG SAW MACHINE	as per ISI standard	Carpenter	1	8000	8000	Procurement on Gem	
351	102	POWER SCREW DRIVER	as per ISI standard	Carpenter	2	1500	3000	Procurement on Gem	
352	103	COMBINED SURFACER AND THICKNER	as per ISI standard	Carpenter	1	77000	77000	Procurement on Gem	
353	104	CIRCULAR SAW MACHINE 3 MM DIA	300mm dia	Carpenter	1	35000	35000	Procurement on Gem	
354	106	SET OF TURNING TOOLS FOR ABOVE LATHE MACHINE	as per ISI standard	Carpenter	3	3000	9000	Procurement on Gem	
355	113	PORTABLE DISCSANDER 200MM DIA	200 mm dia	Carpenter	1	6000	6000	Procurement on Gem	
356	114	ADJUSTABLE SAW SHARPENER	as per ISI standard	Carpenter	1	12000	12000	Procurement on Gem	
357	120	instructor chair and tabel (Steel)	as per ISI standard	Carpenter	1	8000	8000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
358	121	students chair with writing pad	as per ISI standard	Carpenter	25	1200	30000	Procurement on Gem	
359	123	Laptops latest configuration		Carpenter	1	55000	55000	Procurement on Gem	Purchase Completed
360	124	LCD projector/interactive smart board		Carpenter	1	5500	5500	Procurement on Gem	Purchase Completed
361	125	Small type compressor with spry painting gun	as per ISI standard	Carpenter	1	12000	12000	Procurement on Gem	
362	1	File flat rough double cut	200mm with handle	Refrigeration and air conditioning	48	250	12000	Procurement on Gem	
363	2	file,half round,fine double cut	length 150mm with handle	Refrigeration and air conditioning	48	225	10800	Procurement on Gem	
364	3	file,round,fine double cut	length 150mm with handle	Refrigeration and air conditioning	48	225	10800	Procurement on Gem	
365	4	fileflat,fine double cut	length 150mm with handle	Refrigeration and air conditioning	48	250	12000	Procurement on Gem	
366	5	file square,fine double cut	length 150mm with handle	Refrigeration and air conditioning	48	250	12000	Procurement on Gem	

Sr.No	Std List No	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	Status
367	6	file triangular, fine double cut	length 150mm with handle	Refrigeration and air conditioning	48	225	10800	Procurement on Gem	
368	7	scriber	length 150mm	Refrigeration and air conditioning	48	50	2400	Procurement on Gem	
369	8	centre punch	length 100mm, chrome steel, deep knurling on body ensure firm gripping	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
370	9	try square	150mm , blade high grade stainless steel	Refrigeration and air conditioning	48	150	7200	Procurement on Gem	
371	10	divider spring joint	length 150mm	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
372	11	calliper spring joint inside	length 150mm	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
373	12	calliper, odd leg, spring joint	length 150mm	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
374	13	hammer ball peen	220 gms fixed with wooden handle approx. 32 cm	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
375	14	cold chisel flat and cross cut	length 150mm	Refrigeration and air conditioning	48	110	5280	Procurement on Gem	
376	15	engineers rule	300mm long stainless steel chrome coated	Refrigeration and air conditioning	48	125	6000	Procurement on Gem	
377	16	tape measuring	10 m graduation in mm. Carbon steel tape with lock	Refrigeration and air conditioning	48	200	9600	Procurement on Gem	
378	17	pliers combination insulated	length 200 mm, fully insulated with quality plastic material sleeve ensure safe electrical working. Cutting ability for soft and hard wires	Refrigeration and air conditioning	48	250	12000	Procurement on Gem	
379	18	pliers long nose	200 mm high grade steel with comfortable sleeves	Refrigeration and air conditioning	48	150	7200	Procurement on Gem	
380	19	pliers flat nose	150 mm high grade steel with comfortable sleeves	Refrigeration and air conditioning	48	150	7200	Procurement on Gem	
381	20	line tester	500 v heavy duty	Refrigeration and air conditioning	48	100	4800	Procurement on Gem	
382	21	tweezers	10cm , high quality stainless steel	Refrigeration and air conditioning	48	50	2400	Procurement on Gem	

Sr.No	Std List No	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	Status
383	22	surface plate	45 X 45 cms cast iron surface plate with high accuracy and cover for protection	Refrigeration and air conditioning	1	2500	2500	Procurement on Gem	
384	23	oil can	500 ml, steel	Refrigeration and air conditioning	5	100	500	Procurement on Gem	
385	24	surface gauge universal	150mm	Refrigeration and air conditioning	5	1200	6000	Procurement on Gem	
386	25	bench vice	150 to 300 mm jaw	Refrigeration and air conditioning	12	400	4800	Procurement on Gem	Purchase Completed
387	26	hacksaw tubular metal frame adjustable	300mm	Refrigeration and air conditioning	12	250	3000	Procurement on Gem	
388	27	snip sheet metal straight nose	200mm	Refrigeration and air conditioning	12	200	2400	Procurement on Gem	
389	28	snip sheet metal curved nose	200 mm	Refrigeration and air conditioning	12	200	2400	Procurement on Gem	
390	29	anvil	100 X200mm	Refrigeration and air conditioning	1	2500	2500	Procurement on Gem	
391	30	stakes (different types)	100mm	Refrigeration and air conditioning	1	2000	2000	Procurement on Gem	
392	31	tin smith	400mm	Refrigeration and air conditioning	1	3500	3500	Procurement on Gem	
393	32	wooden mallet/nylon mallet	500 gm good finish	Refrigeration and air conditioning	5	150	750	Procurement on Gem	
394	33	round punch	3mm, 4mm , 6mm	Refrigeration and air conditioning	5	100	500	Procurement on Gem	
395	34	electrical drill portable drill with chuck and key	capacity 6.4 mm	Refrigeration and air conditioning	5	3600	18000	Procurement on Gem	
396	35	screw driver,plastic handle	6mm tip length 100mm to 150mm	Refrigeration and air conditioning	6	140	840	Procurement on Gem	
397	36	screw driver,plastic handle, flat tip	10mm tip length 200 mm & 250 mm	Refrigeration and air conditioning	6	150	900	Procurement on Gem	
398	37	philips screw driver	complete set in leather case	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	



Sr.No	Std List No	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	Status
399	38	screw driver,plastic handle, flat tip	handle 3mm tip length 100mm to 150mm insulated	Refrigeration and air conditioning	5	140	700	Procurement on Gem	
400	39	soldering iron exchangeable copper tip	65 watts	Refrigeration and air conditioning	12	200	2400	Procurement on Gem	
401	40	knife folded stainless steel	150mm	Refrigeration and air conditioning	12	100	1200	Procurement on Gem	
402	41	tong tester (clamp on multimeter	0-10-30 amps 0-500 v	Refrigeration and air conditioning	5	1700	8500	Procurement on Gem	
403	42	tenon saw	250mm	Refrigeration and air conditioning	5	250	1250	Procurement on Gem	
404	43	firmer chisel	6, 12 , 25mm	Refrigeration and air conditioning	2	150	300	Procurement on Gem	
405	44	rawal plug tool	6mm	Refrigeration and air conditioning	2	300	600	Procurement on Gem	
406	45	fire extinguisher	abc dry powder type 2kg capacity	Refrigeration and air conditioning	2	1500	3000	Procurement on Gem	
407	46	fire buckets	10 litre, steel painted red with written FIRE on it	Refrigeration and air conditioning	3	400	1200	Procurement on Gem	
408	47	D.Espanner	6-32 mm	Refrigeration and air conditioning	5	700	3500	Procurement on Gem	
409	48	ring spanner	6 - 32 mm	Refrigeration and air conditioning	5	800	4000	Procurement on Gem	
410	49	Quick couples, process tube adopter	1/4" & 3/8"	Refrigeration and air conditioning	4	500	2000	Procurement on Gem	
411	50	tong,close mouth and pick up	close mouth	Refrigeration and air conditioning	1	500	500	Procurement on Gem	
412	51	welding table for gas/arc	1200 x 760 mm	Refrigeration and air conditioning	1	8500	8500	Procurement on Gem	
413	52	flaring tool set,single type for tube	4.7mm to 16 mm O.D	Refrigeration and air conditioning	5	1200	6000	Procurement on Gem	
414	53	swaging tool, punch type,set of size for tube	4.7mm to 16 mm O.D	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	

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415	54	bending spring external type,for copper tube	3mm to 16mm Dia	Refrigeration and air conditioning	5	200	1000	Procurement on Gem	
416	55	pipe cutter miniature for copper tube	3mm to 16mm Dia	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	
417	56	pinch of tool,for copper tube	3mm to 18mm Dia	Refrigeration and air conditioning	5	300	1500	Procurement on Gem	
418	57	ratchet spanner	6.4 sq. mm reversible	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	
419	58	capillary plug gauge	standard sizes	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	
420	59	piercing pliers & reversing valve with across fitting	6-18 mm	Refrigeration and air conditioning	5	310	1550	Procurement on Gem	
421	60	spanner double ended	4.7mm to 16mm	Refrigeration and air conditioning	5	800	4000	Procurement on Gem	
422	61	ring spanner off set	4.7mm to 16mm	Refrigeration and air conditioning	5	900	4500	Procurement on Gem	
423	62	wrench adjustable	length 150mm , steel with chrome finish , heat treated, left hand thumb screw movement	Refrigeration and air conditioning	5	300	1500	Procurement on Gem	
424	63	wrench adjustable	length 200 mm steel with chrome finish , heat treated, left hand thumb screw movement	Refrigeration and air conditioning	5	400	2000	Procurement on Gem	
425	64	wrench adjustable	length 250 mm steel with chrome finish , heat treated, left hand thumb screw movement	Refrigeration and air conditioning	5	450	2250	Procurement on Gem	
426	65	valve key handle	4.7mm & 6.4mm sq.	Refrigeration and air conditioning	5	100	500	Procurement on Gem	
427	66	( hollow) punch hole for cutting gasket	4.7 - 16 mm die	Refrigeration and air conditioning	2	2300	4600	Procurement on Gem	
428	67	scissor,gaskett cutting stainless steel	length 25 mm	Refrigeration and air conditioning	5	300	1500	Procurement on Gem	
429	68	L-allen key	set size 1.5mm to 6.4 mm	Refrigeration and air conditioning	5	250	1250	Procurement on Gem	
430	69	T-Allen key set	size 5/32" to 1/8"	Refrigeration and air conditioning	5	400	2000	Procurement on Gem	

Sr.No	Std List No	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	Status
431	70	pipe cutter with built in reamer and space cutter, for copper tube	3mm to32 mm	Refrigeration and air conditioning	5	150	750	Procurement on Gem	
432	71	pipe/tube bender lever type	3-16mm	Refrigeration and air conditioning	1	400	400	Procurement on Gem	
433	72	spanner double ended	19mm to 31.8 mm	Refrigeration and air conditioning	5	1000	5000	Procurement on Gem	
434	73	pipe wrench	size 50mm to 150mm	Refrigeration and air conditioning	5	400	2000	Procurement on Gem	
435	74	lapping plate	250mm x 200mm close grained plain cast iron with high accuracy, cover for top surface protection	Refrigeration and air conditioning	2	500	1000	Procurement on Gem	
436	75	hammer ball peen	450 gms with wooden handle, high grade steel phosphated and painted to provide anti rusting	Refrigeration and air conditioning	5	300	1500	Procurement on Gem	
437	76	puller 3 legged with flexible arm	300mm	Refrigeration and air conditioning	5	600	3000	Procurement on Gem	
438	77	hand blower portable complete	1/10HP	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
439	78	spirit level precision metallic	200MM	Refrigeration and air conditioning	2	150	300	Procurement on Gem	
440	79	tap set with matching drill	3mm to 16mm	Refrigeration and air conditioning	3	7000	21000	Procurement on Gem	
441	80	tap set with matching drill	1/8" To 5/8"	Refrigeration and air conditioning	3	7000	21000	Procurement on Gem	
442	81	refrigerant cylinder	2.5 kg	Refrigeration and air conditioning	3	800	2400	Procurement on Gem	
443	82	heating kit with infrared bulb	200 w capacity	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
444	83	plumbing hammer weight	200 gm	Refrigeration and air conditioning	2	150	300	Procurement on Gem	
445	84	cylinder 134a	5kg	Refrigeration and air conditioning	1	1800	1800	Procurement on Gem	
446	85	Torque Wrench	300mm 12.7 nm	Refrigeration and air conditioning	1	3500	3500	Procurement on Gem	

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447	86	Piercing valve	1/4 inch	Refrigeration and air conditioning	2	400	800	Procurement on Gem	
448	87	Feeler gauge	0.05mm to 1mm	Refrigeration and air conditioning	3	420	1260	Procurement on Gem	
449	88	Four way reversible valve	standard high performance	Refrigeration and air conditioning	1	1000	1000	Procurement on Gem	
450	89	vernier height gauge	300mm, LC 0.02	Refrigeration and air conditioning	1	6000	6000	Procurement on Gem	
451	90	tape measuring graduation in mm	2m	Refrigeration and air conditioning	5	130	650	Procurement on Gem	
452	91	voltmeter,AC/DC portable precision grade digital panel board type	0 to 500 volt	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	
453	92	ammeter, AC/DC portable precision grade digital panel board type	0 to 30 amp	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	
454	93	megger	1000v	Refrigeration and air conditioning	5	2500	12500	Procurement on Gem	
455	94	wattmeter multi-range	1 KW	Refrigeration and air conditioning	1	4800	4800	Procurement on Gem	
456	95	multimeter digital type	latest with over range indication, data hold function, back light, low battery indication, high accuracy, high temp range	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	
457	96	K.W.meter	0-1 Kw	Refrigeration and air conditioning	4	1500	6000	Procurement on Gem	
458	97	service oscillator	2hz - 200 khz, sine saquare triangular wave form 220v/50hz ± 10%	Refrigeration and air conditioning	1	4000	4000	Procurement on Gem	
459	98	C.R.O single beam	5 MHZ	Refrigeration and air conditioning	2	5500	11000	Procurement on Gem	
460	99	C.R.O dual trace/ double beam	60 MHZ	Refrigeration and air conditioning	2	5500	11000	Procurement on Gem	
461	100	A.F.O.oscillators	20 hz- 200khz sine square and triangular wave form digital frequency dispaly with accuracy	Refrigeration and air conditioning	2	4000	8000	Procurement on Gem	
462	101	pressure gauge digital type	diameter 63mm with recalibration set	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	

Sr.No	Std List No	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	Status
463	102	compound gauge,digital type	diameter 63mm with recalibration set screw , scale vaccum 760mm. Pressure 15 kg/ sq.cm	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	
464	103	service man thermometer in metal case	-30c to 110c	Refrigeration and air conditioning	5	150	750	Procurement on Gem	
465	104	gas leak detector for halogen gas	for halogen gas, high operating temp 0-52c high battery life with long cord length, reset button for recalibration, safety certificate	Refrigeration and air conditioning	2	2400	4800	Procurement on Gem	
466	105	Electronic leak detector	detect hfc, hcfc, cfc, response time instantaneous, auto power off, low battery indication , high temperature range 0-50c	Refrigeration and air conditioning	2	8000	16000	Procurement on Gem	
467	106	sling psychrometer mounted on aluminium back	scale -10c to 110 c	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	
468	107	stop watch	digital display hour min sec month day and date with alarm feature	Refrigeration and air conditioning	2	500	1000	Procurement on Gem	
469	108	vernier calliper	length 250mm	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
470	109	micrometer outside measurement	0 to 25 mm	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
471	110	multi meter analogue type	DC Volt 2.5v, 10v,50v,250v,300v , AC volt 10v,50v,300v DC Current 0.5ma, 10ma, 250ma Decible 10 -50db Resistance 10k ohm, 1 mega ohm	Refrigeration and air conditioning	5	2000	10000	Procurement on Gem	
472	111	tachometer digital multirange	0 to 3000 rpm portable small size in leather case	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
473	112	micron vaccum gauge	capable of reading up to 20 microns	Refrigeration and air conditioning	2	1500	3000	Procurement on Gem	
474	113	sensor thermometer (digital)	-50 c to 150 c	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
475	114	fin straightened/ fin comb.	with strong steel wire based combing on wood	Refrigeration and air conditioning	3	800	2400	Procurement on Gem	
476	115	filler gauge	0.05 mm -1mm	Refrigeration and air conditioning	3	150	450	Procurement on Gem	
477	116	wire gauge metric and withworth	steel plate embossing converse of british & metric	Refrigeration and air conditioning	2	250	500	Procurement on Gem	

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478	117	dial thermometer remote control,armored capillary dial	75mm , -50c to 50c	Refrigeration and air conditioning	3	1000	3000	Procurement on Gem	
479	118	anemometer	digital type	Refrigeration and air conditioning	1	2000	2000	Procurement on Gem	
480	119	compressors testers for small hermetic compressors	fixed with electrical input/ output indicating facilities	Refrigeration and air conditioning	2	7000	14000	Procurement on Gem	
481	120	digital thermometer	graduated disc analogy type	Refrigeration and air conditioning	1	300	300	Procurement on Gem	
482	121	temperature and humidity recorder	capacity to record 24 hrs record	Refrigeration and air conditioning	1	800	800	Procurement on Gem	
483	122	instrumentation screw driver set	100mm	Refrigeration and air conditioning	5	500	2500	Procurement on Gem	
484	123	digital weighing machine	100kg	Refrigeration and air conditioning	1	1500	1500	Procurement on Gem	
485	124	split phase induction motor	1 hp, 230 V	Refrigeration and air conditioning	1	2000	2000	Procurement on Gem	
486	125	BLDC motor with controller	15-30 watts , 315 volt DC	Refrigeration and air conditioning	2	6000	12000	Procurement on Gem	
487	126	IDU pulse generation type motor	15 watt, 230 volt AC	Refrigeration and air conditioning	2	6000	12000	Procurement on Gem	
488	127	capacitor start induction motor	1 Hp, 230 V	Refrigeration and air conditioning	1	2500	2500	Procurement on Gem	
489	128	AC 3 phase motor,400/50HZ	2hp	Refrigeration and air conditioning	1	4500	4500	Procurement on Gem	
490	129	star delta starter	2hp	Refrigeration and air conditioning	1	1950	1950	Procurement on Gem	
491	130	auto transformer starter	3hp	Refrigeration and air conditioning	1	7500	7500	Procurement on Gem	
492	131	D.O.L starter	2 hp	Refrigeration and air conditioning	1	2000	2000	Procurement on Gem	
493	132	Portable air- LPG brazing kit	2 kg lpg cylinder torches hoses stand make	Refrigeration and air conditioning	1	9000	9000	Procurement on Gem	

Sr.No	Std List No	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	Status
494	133	oxy-acetylene welding set complete	cylinders , regulator, welding torch with different nozzles	Refrigeration and air conditioning	1	20000	20000	Procurement on Gem	
495	134	single door direct cool refrigerator, caryying with HFC and HC	185L, carrying with HFC, &HC	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	
496	135	frost free refrigerator	200L, CARRYING WITH HC blend	Refrigeration and air conditioning	2	28000	56000	Procurement on Gem	
497	136	three/ four door refrigerator (inverter type)	300L, carrying with HC R-600a	Refrigeration and air conditioning	2	40000	80000	Procurement on Gem	
498	137	core drill machine	standard	Refrigeration and air conditioning	1	10000	10000	Procurement on Gem	
499	138	bench drilling machine	20mm capacity,200-2500rpm	Refrigeration and air conditioning	1	10000	10000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
500	139	grinding machine	200mm,3000rpm,double ended 1/2 hp	Refrigeration and air conditioning	1	10000	10000	Procurement on Gem	
501	140	evaacuating and refrigerant charging station, consist of a) rotary two stage vaccum pump and motor (with gas ballast and anti such back) b) manifold with gauges and valves and capable of pulling vaccum upto 50 microns of hg and with provision of conecting to a microns level vaccum gauge b) graduated charging cylinder with provision for temperature correction and all necessary isolating valves	cap 2kg in lieu of b) above and with accurarcy of +/-1 g for charging hydrocarbons)	Refrigeration and air conditioning	1	18000	18000	Procurement on Gem	
502	141	evacuating and charging station as above but fitted with weighing scale	cap 2kg in lieu of b) above and with accurarcy of +/-1 g for charging hydrocarbons)	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	
503	142	two stage rotary vacuum pump 3 or 4 CFM	capacity approx. 60-10rpm capable of evacuating to 50 microns of Hg and fitted with gas ballast,anti such back valve and single phase motor	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	
504	143	dry N2 in cylinder	2 stage regular or commercial N2 in cylinder with drier unit and 2 stage regular & meter cube	Refrigeration and air conditioning	1	18000	18000	Procurement on Gem	
505	144	window AC	1 ton with R-22 blend reciprocating compressor	Refrigeration and air conditioning	2	24000	48000	Procurement on Gem	Purchase Completed
506	145	Split AC	1.5 ton with R134a or R-22 reciprocating compressor	Refrigeration and air conditioning	2	32000	64000	Procurement on Gem	RA Completed due to code of conduct order not placed yet

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507	146	duct able split AC 1.5 ton	1.5 ton with R134a or R-22 reciprocating compressor	Refrigeration and air conditioning	1	40000	40000	Procurement on Gem	
508	147	recovery units with cylinders	CFC , HFC & HCFC	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	
509	148	Decible meter	30-100db	Refrigeration and air conditioning	1	3000	3000	Procurement on Gem	
510	149	cassette air conditioner	4500kcal/hr	Refrigeration and air conditioning	1	60000	60000	Procurement on Gem	Order In process
511	150	De scaling pump set	with stainless steel impeller and housing complete with motor 1/2 hp and accessories	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	
512	151	fan coil unit	with water valves (2 & 3 way)	Refrigeration and air conditioning	1	4000	4000	Procurement on Gem	
513	152	shell and tube, DX chillers (small)	5 ton with copper tubing only	Refrigeration and air conditioning	1	10000	10000	Procurement on Gem	
514	153	circulating water pump (small)	0.5 hp with stainless steel tank capacity 20 ltr. With inlet/outlet provision	Refrigeration and air conditioning	1	3500	3500	Procurement on Gem	
515	154	refrigerant cylinder	10kg capacity	Refrigeration and air conditioning	2	500	1000	Procurement on Gem	
516	155	gauge manifold with gauges	different sizes of hoses for R134 a, R22 and R 410	Refrigeration and air conditioning	3	2000	6000	Procurement on Gem	
517	156	shell and tube type condenser	5 ton	Refrigeration and air conditioning	1	10000	10000	Procurement on Gem	
518	157	rotary hermetic compressor	2 ton	Refrigeration and air conditioning	1	18000	18000	Procurement on Gem	
519	158	bottle cooler visible	200L,carrying with HFC-134a & reciprocating compressor	Refrigeration and air conditioning	1	25000	25000	Procurement on Gem	
520	159	deep freezer	200L,carrying with HFC-134a & reciprocating compressor	Refrigeration and air conditioning	1	25000	25000	Procurement on Gem	Purchase Completed
521	160	Display cabinet	2 ton capacity	Refrigeration and air conditioning	1	50000	50000	Procurement on Gem	
522	161	water cooler storage type	200L,carrying with HFC-134a & reciprocating compressor	Refrigeration and air conditioning	1	30000	30000	Procurement on Gem	



Sr.No	Std List No	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	Status
523	162	water dispenser bubble type ( hot and cold)	2.5 to 3 ltr delivery capacity per hour	Refrigeration and air conditioning	1	8500	8500	Procurement on Gem	Purchase Completed
524	163	ice candy plant	2 ton with capacity to make 32 ice candy at a time with forma tray, stainless steel tank on trolley	Refrigeration and air conditioning	1	80000	80000	Procurement on Gem	
525	164	air conditioning, direct system	complete with all control including humidty control capacity 15000kcal/hr	Refrigeration and air conditioning	1	45000	45000	Procurement on Gem	
526	165	air conditioning, indirect system	complete with all control including humidty control capacity 15000kcal/hr	Refrigeration and air conditioning	1	50000	50000	Procurement on Gem	
527	166	package A/C	5 ton capacity, air cooled type with open type compressor reciprocating type	Refrigeration and air conditioning	1	150000	150000	Procurement on Gem	
528	167	car AC components (full kit) a) wobble plate compressor with mounting brackets b) serpentine evaporator c) paralel flow condenser d) hoses,tubes,reciever,Ex, valve e) components & wiring harness electrical c	standard	Refrigeration and air conditioning	1	60000	60000	Procurement on Gem	
529	168	car ac tutorial model	standard	Refrigeration and air conditioning	1	50000	50000	Procurement on Gem	
530	169	Bus AC tutorial model	standard	Refrigeration and air conditioning	1	60000	60000	Procurement on Gem	
531	170	automatic ice cube m/c	50 kg / hour	Refrigeration and air conditioning	1	100000	100000	Procurement on Gem	Purchase Completed
532	171	storage type water cooler ( hot and cold)	3 taps, hot cold and normal, 20 ltr, colling capacity 3ltr /hr.	Refrigeration and air conditioning	1	7000	7000	Procurement on Gem	
533	172	visible cooler	185 L	Refrigeration and air conditioning	1	25000	25000	Procurement on Gem	
534	173	VRF/VRV unit with two indoor units 2.5 tr each and 5 TR capacity out door unit complete with air cooled condenser , accessories and controls	two indoor units 2.5 tr each and 5 TR capacity out door unit complete with air cooled condenser , accessories and controls	Refrigeration and air conditioning	1	198000	198000	Procurement on Gem	
535	174	split AC (Inverter technology)	1.5 TR	Refrigeration and air conditioning	2	30000	60000	Procurement on Gem	Purchase Completed
536	175	Walk in cooler PUF insulated for cold room 6 X4 . 5X 8 cft	Temperature 0 to -5 c	Refrigeration and air conditioning	1	175000	175000	Procurement on Gem	
537	176	Absorption system	small size	Refrigeration and air conditioning	1	40000	40000	Procurement on Gem	

Sr.No	Std List No	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	Status
538	177	Class room table	provision with open rack.frame square conduit of 1" top sunmica ply board	Refrigeration and air conditioning	24	4000	96000	Procurement on Gem	Purchase Completed
539	178	work bench	2000x1000x700mm with 2" pipe frame. Top with teak slab and fixing with 3/4" good quality rubber sheet	Refrigeration and air conditioning	6	20000	120000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
540	179	almirh	195x90x48 cm outer sheet 20SWG inner partions with four shelves of 22 SWG	Refrigeration and air conditioning	4	3000	12000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
541	180	lockers	195x90x48 set six locker in one structure	Refrigeration and air conditioning	2	3000	6000	Procurement on Gem	Purchase Completed
542	181	glass board potable	2.5'x 4' with stand	Refrigeration and air conditioning	2	2000	4000	Procurement on Gem	
543	182	instructor table	4'x2'x2.5' with steel tubular frame & sunmica top	Refrigeration and air conditioning	1	5000	5000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
544	183	instructor chair	standard revolving with wheel	Refrigeration and air conditioning	1	5000	5000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
545	184	computer table	standard with drawers & shelv to accomdate UPS & CPU	Refrigeration and air conditioning	1	8000	8000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
546	185	computer chair	revolving type metal based & metal wheel standard one	Refrigeration and air conditioning	1	8000	8000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
547	186	white board	4'x3' ferrous base sheet to hold magnetic duster with white finish surface	Refrigeration and air conditioning	1	15000	15000	Procurement on Gem	CARC Generated after 01.04.2024,Payment Pending
548	187	chart stand	6'x3' providing with hanging clip top & bottom plate	Refrigeration and air conditioning	1	2000	2000	Procurement on Gem	
549	188	computer with printer and scaner	latest configuration	Refrigeration and air conditioning	1	50000	50000	Procurement on Gem	Purchase Completed
550	189	lcd projector/LED/LCD TV	big size	Refrigeration and air conditioning	1	80000	80000	Procurement on Gem	Purchase Completed
551	190	laptop	latest version	Refrigeration and air conditioning	1	55000	55000	Procurement on Gem	Purchase Completed

Sr.No	Std List No	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	Status
552	191	UPS	2 kVA	Refrigeration and air conditioning	1	20000	20000	Procurement on Gem	Purchase Completed
553	192	copier machine	latest version	Refrigeration and air conditioning	1	30000	30000	Procurement on Gem	
554	193	interactive board	latest version	Refrigeration and air conditioning	1	100000	100000	Procurement on Gem	Purchase Completed
555	194	stool	2'x1.5'	Refrigeration and air conditioning	24	750	18000	Procurement on Gem	CARC Generated after 01.04.2024, Payment Pending
556	195	book shelf with glass panel	6'x3'	Refrigeration and air conditioning	1	3000	3000	Procurement on Gem	
557	196	storage rack	6'x3'	Refrigeration and air conditioning	2	2500	5000	Procurement on Gem	
558	197	storage shelf	6'x3'	Refrigeration and air conditioning	2	2500	5000	Procurement on Gem	
559	-	Mimi Books for all trades		All Trades			250000	Procurement on Gem	
560	-	Facilities for trainees		All Trades			350000	Procurement on Gem	
<b>Total</b>							<b>10628417</b>		