

Govt ITI Rajpura -Procurement Plan

Sr.No	Std. List No.	TRADE	Name Of The Item	Specification	Quantity Required/S hortage as per syllabus	Rate per item (approximate)	Total cost
1	1	CARPENTER	Foot rule/steel tape	Two ft. Four-fold/6 mtrs.	23	70	1610
2	2	CARPENTER	Steel Measuring Scale	Twelve inch	50	30	1500
3	3	CARPENTER	Marking Knife	200 mm length	10	70	700
4	4	CARPENTER	Try Square	200mm	17	80	1360
5	5	CARPENTER	Bevel Square	50 mm	10	150	1500
6	6	CARPENTER	Carpenter marking gauge	Carpenter marking gauge	10	140	1400
7	7	CARPENTER	Carpenter mortise gauge	Carpenter mortise gauge	10	220	2200
8	8	CARPENTER	Hand Saw	450mm	13	190	2470
9	9	CARPENTER	Tenon saw	300mm	13	150	1950
10	10	CARPENTER	Metal Jack plane	335mmX 50mm cutter	18	1000	18000
11	11	CARPENTER	Metal smoothing plane	200mm X 50mm cutter	11	800	8800
12	12	CARPENTER	Firmer Chisel	Bevel edge 6mm width	33	80	2640
13	12A	CARPENTER	Firmel Chisel	Bevel edge 10mm width	33	90	2970
14	12	CARPENTER	Firmel Chisel	Bevel edge 15mm width	34	110	3740
15	12	CARPENTER	Firmel Chisel	Bevel edge 20mm width	26	135	3510
16	12	CARPENTER	Firmel Chisel	Bevel edge 25mm width	33	150	4950
17	13	CARPENTER	Mortise Chisel	6mm	30	110	3300
18	13A	CARPENTER	Mortise Chisel	10mm	30	125	3750
19	13B	CARPENTER	Mortise Chisel	15mm	30	150	4500
20	14	CARPENTER	Screw Driver	300mm	12	160	1920
21	16	CARPENTER	Claw Hammer	500 gm	10	300	3000
22	17	CARPENTER	Oil Stone	Carborundum universal silicon carbide combination rough and fine.	30	150	4500
23	18	CARPENTER	Contraction Measuring Scale	as per standard size	50	150	7500
24	19	CARPENTER	Hand Brush For Cleaning	450mm	28	170	4760
25	21	CARPENTER	Construction Scale	1 meter	8	500	4000

26	22	CARPENTER	Spring Caliper (Inside)	150 mm	8	300	2400
27	23	CARPENTER	Spring Caliper (Outside)	150 mm	8	350	2800
28	24	CARPENTER	Wing Compass	300 mm	4	300	1200
29	25	CARPENTER	Trammel	300 mm	1	800	800
30	26	CARPENTER	Sprit Level	300 mm	4	300	1200
31	28	CARPENTER	Cross Cut Saw	250 mm	3	150	450
32	29	CARPENTER	Key Hole Saw	250 mm	4	100	400
33	31	CARPENTER	Compass Saw	350 mm	8	250	2000
34	32	CARPENTER	Adze	15 kg	8	700	5600
35	33	CARPENTER	Trying Plane Metal	450 mm X 60 mm Cutter	4	1000	4000
36	34	CARPENTER	Plane Rivet Adjustable	250 mm X meters x 9 mm Cutters	8	800	6400
37	35	CARPENTER	Plough Plane	with set of 8 cutter up to 12 mm Width	8	1200	9600
38	36	CARPENTER	Spoke Shaves	50 mm Cutter	5	300	1500
39	37	CARPENTER	Plane Adjustable Circular	250 mm	8	600	4800
40	38	CARPENTER	Router Plane	197 X 42 mm	8	700	5600
41	39	CARPENTER	Moulding Plane Set	Moulding Plane Set	3	2400	7200
42	40	CARPENTER	Cabinet Scraper	100 mm	6	600	3600
43	41	CARPENTER	Gauge Chisel, Firmer,	6,10,12,16,20mm	7 sets	7000	7000
44	42	CARPENTER	Gauge Chisel, Scribing	10,mm	4	220	880
45	42A	CARPENTER	Gauge Chisel, Scribing	12mm	4	240	960
46	42B	CARPENTER	Gauge Chisel, Scribing	16mm	4	250	1000
47	42C	CARPENTER	Gauge Chisel, Scribing	20mm	4	250	1000
48	44	CARPENTER	Cross Pein Hammer	600 grs	5	450	2250
49	45	CARPENTER	Screw Driver	450 mm	8	250	2000
50	48	CARPENTER	Pincer	50MM	4	150	600
51	49	CARPENTER	File Half Round	2nd cut 250 mm	9	450	4050
52	50	CARPENTER	File Half Round	Wood rasp bastard250mm	8	450	3600
53	51	CARPENTER	File Slim Taper	100 mm	12	150	1800
54	52	CARPENTER	File Slim Taper	150 mm	16	200	3200
55	53	CARPENTER	Card File (Steel) Wire Brush For File	200 mm	8	150	1200
56	54	CARPENTER	Hands Drill	6 mm Capacities	14	1200	16800
57	55	CARPENTER	Country Drill With Bow (Ball Bearing Type)	620 X 726 mm	8	1000	8000

58	56	CARPENTER	Ratchet Brace	250 mm Swap	2	1625	3250
59	58	CARPENTER	Centre Bits	6MM	4 SET	200	800
60	58A	CARPENTER	Centre Bits	8MM	4 SET	220	880
61	58B	CARPENTER	Centre Bits	10 MM	3 SET	250	750
62	58C	CARPENTER	Centre Bits	12MM	3 SET	300	900
63	59	CARPENTER	Expansion Bit Sets	218 X 171 mm	4 SET	300	1200
64	61	CARPENTER	Counter Sink Bit Rose Type	12 mm	8 SET	400	3200
65	63	CARPENTER	Centre Punch	5mm	8		
66	64	CARPENTER	Snip Straight	200 mm	4	300	1200
67	66	CARPENTER	Combination Side Cutting Pliers	250 X 250 mm	1	400	400
68	67	CARPENTER	Plunger saw set/ pistol grip type.	300 X 300 mm	2	750	1500
69	69	CARPENTER	Slip Stone	100 mm	16	300	480
70	71	CARPENTER	G' Clamp	100 mm	14	500	7000
71	72	CARPENTER	'G' Clamp	150 mm	8	530	4240
72	74	CARPENTER	'T' Bar Cramp	0.6 meter	7	1200	8400
73	75.	CARPENTER	'T' bar cramp	1.25 meter	4	1500	6000
74	76.	CARPENTER	'T' bar cramp	1.75 meter	2	1800	3600
75	77	CARPENTER	Carpenter Vice	250 mm jaws	15	1800	27000
76	82	CARPENTER	Nail Punch	Nail Punch	4	80	320
77	83.	CARPENTER	Surface plate	600x 600 mm			
78	84	CARPENTER	Carpenter's Work Bench	2400x920x800 mm Height	4	24000	96000
79	85.	CARPENTER	Blower	Blower	2	2200	4400
80	86	CARPENTER	Grase Gun	Grase Gun	1	1000	1000
81	97	CARPENTER	Portable Planing Machine	Portable Planing Machine	2	5000	10000
82	98.	CARPENTER	Power drill machine	Power drill machine	2	2700	5400
83	99	CARPENTER	Portable sander machine	Portable sander machine	1	3200	3200
84	103.	CARPENTER	Combined surface and thickener	Combined surface and thickener	1	48000	48000
85	104.	CARPENTER	Circular saw machine	300 mm. dia.	1	15000	15000
86	105	CARPENTER	Lathe Wood Turning	150 mm height of centres 1.75-meter bed, motorised complete with a set of turning tools	1	50000	50000
87	108	CARPENTER	Mortising Machine (Combine Hollow Chisel And Chain)	Mortising Machine (Combine Hollow Chisel And Chain)	1	45000	45000
88	110.	CARPENTER	Drill machine	12 mm. Capacity	1	25000	25000

89	116.	CARPENTER	Moisture meter	Moisture meter	1	1000	1000
90	125	CARPENTER	Small Type Compressor With Spray Painting System.	Small Type Compressor With Spray Painting System.	1	25000	25000
91	1	ELECTRICIAN	Steel Tape, 5 m length	5 meter	26	250	6,500
92	2	ELECTRICIAN	combination plier insulated	200 mm	25	350	8,750
93	3	ELECTRICIAN	Screw Driver, 150 mm	4mm X 150 mm, Diamond Head	28	250	7,000
94	5	ELECTRICIAN	Electrician screwdriver thin stem insulated handle	4mm X 100 mm	14	150	2,100
95	7	ELECTRICIAN	Electrician Screw Driver thin stem insulated handle, 250 mm	4mm X 250 mm	30	300	9,000
96	8	ELECTRICIAN	Punch Centre	9mm X 150 mm	26	150	3,900
97	9	ELECTRICIAN	Knife Double Bladed Electrician	100 mm	26	120	3,120
98	10	ELECTRICIAN	Neon Tester	500 V	25	100	2,500
99	11	ELECTRICIAN	Steel Rule Graduated both in Metric and English Unit	300 mm with precision of 1/4th mm	20	80	1,600
100	12	ELECTRICIAN	Hammer, cross peen with handle	250 grams	26	150	3,900
101	13	ELECTRICIAN	Hammer, ball peen With handle	500 grams	4	200	800
102	14	ELECTRICIAN	Pincer 150 mm	150 mm	4	250	1,000
103	23	ELECTRICIAN	Pully Puller with 3 legs	300mm	1	150	150
104	24	ELECTRICIAN	Bearing Puller (inside and outside)	200 mm	1	150	150
105	25	ELECTRICIAN	Pipe vice Cast Iron with hardened	100 mm	2	3,000	6,000
106	28	ELECTRICIAN	Crimping Tool	1.5 sq mm to 16 sq mm	2 Set	1,000	2,000
107	28	ELECTRICIAN	Crimping Tool	16 sq mm to 95 sq mm	2 Set	1,000	2,000
108	33	ELECTRICIAN	Try square	150 mm Blade	4	250	1,000
109	34	ELECTRICIAN	Outside Calliper	150 mm spring type	2	150	300
110	35	ELECTRICIAN	Inside Calliper	150 mm spring type	2	150	300
111	36	ELECTRICIAN	Divider	150 mm spring type	2	150	300
112	38	ELECTRICIAN	Pliers flat nose insulated	200 mm	4	300	1,200
113	40	ELECTRICIAN	Tweezers	150 mm	4	100	400
114	58	ELECTRICIAN	Table Vice 100 mm jaw	100 mm jaw	3	1,000	3,000
115	68	ELECTRICIAN	Portable Electric Drill Machine	0-12 mm capacity 750w, 240v with chuck and key	1	3,000	3,000
116	91	ELECTRICIAN	Electrician Helmet	Yellow Colour	2	1,500	3,000

117	94	ELECTRICIAN	Ohm Meter; Series Type & Shunt Type, portable box type	50/2000-ohm analog	4	2,500	10,000
118	95	ELECTRICIAN	Digital Multimeter	DC 200mv -1000v,0 – 10A & AC 200mv- 750v , 0-10A, resistance 0-20 MΩ and 3 1/2 digit	6	1,500	9,000
119	96	ELECTRICIAN	A.C.Voltmeter M.I analog, portable box type housed in Bakelite case	Multi range 75 V - 150V - 300V - 600V	3	1,500	4,500
120	101	ELECTRICIAN	Digital Wattmeter	230 V, 1 KW, 50 Hz	2	1,500	3,000
121	103	ELECTRICIAN	A.C. Energy Meter	Three Phase, 15 A , 440 V induction type	1	800	800
122	104	ELECTRICIAN	Power Factor Meter Digital	440 V, 20 A, Three Phase portable box type	1	350	350
123	105	ELECTRICIAN	Frequency Meter	45 to 55 Hz	1	750	750
124	106	ELECTRICIAN	Magnetic Flux meter	0-500 tesla	1	2,000	2,000
125	107	ELECTRICIAN	Lux meter	lux meter LCD read out 0.05 to 7000 lumens with battery.	1	1,500	1,500
126	116	ELECTRICIAN	Phase sequence indicator	3 Phase, 415 V	2	1,800	3,600
127	118	ELECTRICIAN	AC Starters: - e. Star Delta Starter – Fully automatic g. Auto Transformer type	For A.C Motors of 2 to 5 H.P.	1	2,500	2,500
128	119	ELECTRICIAN	Oscilloscope Dual Trace	20 MHz	1	10,000	10,000
129	122	ELECTRICIAN	Temperature controlled Soldering Iron	50-Watt, 230 Volt	2	2,300	4,600
130	123	ELECTRICIAN	Discrete Component Trainer	Discrete Component (for diode and transistor circuit) with regulated power supply +5,0- 5 V,+12 ,0-12 V	1	4,500	4,500

131	124	ELECTRICIAN	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	1	9,000	9,000
132	125	ELECTRICIAN	Digital I.C. Trainer	Digital I.C. Trainer 7 segment display a	1	9,500	9,500
133	126	ELECTRICIAN	Domestic Appliances	Domestic Appliances			
134	126	ELECTRICIAN	a. Electric Induction plate	a. 1500 Watt, 240V	1	2,000	2,000
135	126	ELECTRICIAN	b. Electric Kettle, 1500 watts	b. 1500 Watts, 240V	1	1,500	1,500
136	126	ELECTRICIAN	c. Electric Iron 1500 watts	c. Automatic - 750 W, 240 V	1	1,200	1,200
137	126	ELECTRICIAN	d. Immersion Heater 1500 watt	d. 1500 Watt, 240V	1	700	700
138	126	ELECTRICIAN	f. Geyser (Storage type) 15 ltr minimum	f. 10 litre	1	8,000	8,000
139	126	ELECTRICIAN	g. Mixture & Grinder	g. 750 W, 240 V	1	4,000	4,000
140	126	ELECTRICIAN	i. Motor Pump set	i. 1 HP, 1 Phase, 240 V	1	5,000	5,000
141	127	ELECTRICIAN	Oil testing kit	Oil Testing Kit 230 V, single phase 50 Hz 60 VA output 0-60 KV Variable	1	7,500	7,500
142	128	ELECTRICIAN	Inverter with battery	1 KVA with 12 V Battery Input- 12 volt DC, Output- 220 volt AC	1	20,000	20,000
143	130	ELECTRICIAN	DC Power Supply	0 - 30 V, 5 A	1	3,500	3,500
144	134	ELECTRICIAN	Solar panel with Battery	18 Watt	1	2,500	2,500
145	137	ELECTRICIAN	D.C.Shunt Generator with control panel	D.C. Shunt Generator with control panel, 2.5 KW, 220V & 3phase Squirrel cage Induction Motor, 5HP, 440V with control panel & star delta starter	1	25,000	25,000
146	139	ELECTRICIAN	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 & 3phase Squirrel cage Induction Motor, 5HP, 440V, with control panel & star delta starter	1	28,000	28,000

147	140	ELECTRICIAN	DC Series Motor coupled with spring balance load	2.5 KW, 220 Volts	1	30,000	30,000
148	143	ELECTRICIAN	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, 4 wire, 3.5 KVA, 400/230 Volts, 0.8 pf, 50cycles	1	50,000	50,000
149	144	ELECTRICIAN	AC Squirrel Cage Motor with star delta starter and triple pole iron clad switch fuse with Mechanical Load.	5 HP, 3-Phase, 415 V, 50 Hz	1	10,000	10,000
150	147	ELECTRICIAN	Synchronous motor with accessories like starter, excitation arrangements.	3 Phase, 3 HP, 440V, 50Hz, 4 Pole	1	10,000	10,000
151	148	ELECTRICIAN	Thyristor /IGBT controlled D.C. motor drive with tacho-generator feedback arrangement 1 HP	1 HP	1	4,500	4,500
152	149	ELECTRICIAN	Thyristor/IGBT controlled A.C. motor drive with	VVVF control 3 Phase, 2 HP	1	5,000	5,000

153	152	ELECTRICIAN	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	1	85,000	85,000
154	153	ELECTRICIAN	Diesel Generator set with changeover switch , over current breaker and water /air -cooled with armature , star -delta connections AC 3 phase	7.5 KVA, 415 volt or higher rating	1	120,000	120,000
155	154	ELECTRICIAN	Used DC Generators-series, shunt and compound type for overhauling practice	Used DC Generators-series, shunt and compound type for overhauling practice	3	8,000	24,000
156	160	ELECTRICIAN	Ceiling fan coil winding machine	250V, 50 Hz, 1- Φ , with speed control	1	24,000	24,000
157	163	ELECTRICIAN	Shaded Pole Motor	Fractional HP, 240 V, 50 Hz	1	3,500	3,500
158	164	ELECTRICIAN	Smart Meter	1 Phase - Smart Energy Meter 3 Phase - Smart Energy Meter	2	600	1,200
159	165	ELECTRICIAN	EV Charger	3 phase input	1	1,200	1,200
160	166	ELECTRICIAN	EV Charger (Home)	1 Phase input	1	500	500
161	175	ELECTRICIAN	Fire Extinguisher CO2	2kg	2	1,500	3,000
162	176	ELECTRICIAN	Fire Buckets	Standard size	2	300	600
163	11	STENOGRAPHER SECRETARIAL ASSISTANT (ENGLISH)	Air Conditioners	1.5 Ton with CVT	1	35,000	35,000

164	15	STENOGRAPHER SECRETARIAL ASSISTANT (ENGLISH)	Antivirus	Latest Version	21	1,000	21,000
165	10	GMAW>AW	Hacksaw frame fixed	300mm	5	200	1000
166	12	GMAW>AW	File flat	350 mm bastard	10	150	1500
167	13	GMAW>AW	Hammer ball peen	1 Kg with handle	10	100	1000
168	25	GMAW>AW	S.S tape 5 meters flexible in case	S.S tape 5 meters flexible in case	5	100	500
169	29	GMAW>AW	CO2 Gas pressure regulator, with flow meter	CO2 Gas pressure regulator, with flow meter	1	5000	5000
170	30	GMAW>AW	Argon Gas pressure regulator with flow meter	Argon Gas pressure regulator with flow meter	1	5000	5000
171	48.	GMAW>AW	Pedestal grinder fitted with coarse and medium grain size grinding wheels	dia. 300 mm	1	8000	8000
172	49.	GMAW>AW	Bench grinder fitted with fine grain size silicon carbide green grinding wheel	dia. 150 mm	1	8000	8000
173	58.	GMAW>AW	Work bench	340x120x75 cm with 4 bench vices of 150 mm jaw opening	1	12000	12000
174	60	GMAW>AW	Oxygen gas cylinder	Oxygen gas cylinder	1	15000	15000
175	61	GMAW>AW	CO ₂ cylinder 30kg to 45 kg capacity	CO ₂ cylinder 30kg to 45 kg capacity	1	15000	15000
176	64	GMAW>AW	Swage block	16x16x16 inch	1	5000	5000
177	71	GMAW>AW	Cotton hand gloves	8"	4	70	280
178	79.	GMAW>AW	Bubble face shield clear with rubber band	Bubble face shield clear with rubber band	21	1000	21000
179	22	MECHANIC DIESEL	Ammeter DC with external shunt	300A/ 60A	4	1000	4000
180	48	MECHANIC DIESEL	DC Ohmmeter	0 to 300 Ohms	2	500	1000

181	52	MECHANIC DIESEL	Different type of piston model	Different type of piston model	1SET	2000	2000
182	70	MECHANIC DIESEL	Fuel feed pump for Diesel	Fuel feed pump for Diesel	1	5000	5000
183	71	MECHANIC DIESEL	Fuel injection pump (Diesel) inline	Fuel injection pump (Diesel) inline	1	6000	6000
184	86	MECHANIC DIESEL	Hand operated crimping tool	(i) up to 4mm (ii) up to 10mm	2 EACH	3000	6000
185	103	MECHANIC DIESEL	Oil pump for dismantling and assembling	Oil pump for dismantling and assembling	2	5000	10000
186	127	MECHANIC DIESEL	Rivet sets snap and Dolly combined	3mm, 4mm, 6mm	2	1000	2000
187	157	MECHANIC DIESEL	Tandem master cylinder with booster	Tandem master cylinder with booster	4	1000	4000
188	161	MECHANIC DIESEL	Temperature gauge with sensor	0-100 °C	2	1000	2000
189	164	MECHANIC DIESEL	Timing lighter	Timing lighter	2	1000	2000
190	165	MECHANIC DIESEL	Torque wrenches	5-35 Nm, 12-68 Nm & 50- 225 Nm	1 EACH	5000	5000
191	176	MECHANIC DIESEL	Water pump for dismantling and assembling	Water pump for dismantling and assembling	4	1000	4000
192	181	MECHANIC DIESEL	Automotive Diesel Smokemeter (for Diesel engine)	Automotive Diesel Smokemeter (for Diesel engine)	1	10000	10000
193	191	MECHANIC DIESEL	Hydraulic jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	Hydraulic jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	1 EACH	5000	5000
194	2	MMV	Calliper inside with spring	15 cm	6	100	600
195	6	MMV	Electrician Screw Driver	250mm	4	48	192
196	8	MMV	Hands file for Second cut flat	20 cm.	5	71	355
197	10	MMV	Pliers combination	20 cm.	6	120	720

198	16	MMV	Spanner socket with speed handle, T-bar, ratchet and universal set of 28 pieces with box	up to 32 mm	6	5000	30000
199	19	MMV	Wire cutter and stripper	Wire cutter and stripper	6	600	3600
200	21	MMV	AC alternator slip ring puller	Variable	1	500	500
201	22	MMV	Air blow gun with standard accessories	Trigger operated with interchangeable nozzles	1	500	500
202	23	MMV	Ammeter DC with external shunt	300A/ 60A	4	1250	5000
203	24	MMV	Air ratchet	with standard accessories	2	20000	40000
204	25	MMV	Air impact wrench	with standard accessories.	2	5000	10000
205	26	MMV	Anvil with Stand	50 Kgs	1	7000	7000
206	27	MMV	Auto Electrical test bench	For checking Dynamo, Alternator & Starter. With minimum 2HP AC Motor, Digital Voltmeter & ammeter.	1	8000	8000
207	30	MMV	Belt Tensioner gauge	Belt Tensioner gauge	1	3000	3000
208	36	MMV	Compression testing gauge	suitable for diesel Engine with standard accessories	1	2500	2500
209	38	MMV	Cylinder bore gauge capacity	20 to 160 mm	1	5000	5000
210	39	MMV	Cylinder liner- Dry & wet liner, press fit & slide fit liner	Cylinder liner- Dry & wet liner, press fit & slide fit liner	1	2000	2000
211	40	MMV	Depth micrometer	0-25mm	1	10000	10000
212	41	MMV	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	1	2800	2800
213	42	MMV	Different type of Engine Bearing model	10 Different types on board	1	2000	2000
214	43	MMV	Different type of piston model	5 Different Types on board	1	3500	3500
215	45	MMV	Drill twist (various sizes)	1.5 mm to 8 mm by 0.5mm	2	4500	9000
216	46	MMV	Electric Soldering Iron	230 V 60 watts 230 V 25 watts	1 EACH	700	700
217	47	MMV	Electric testing screw driver	Electric testing screw driver	4	100	400
218	49	MMV	Engineers stethoscope	Engineers stethoscope	1	1000	1000
219	50	MMV	Feeler gauge 20 blades (metric)	Feeler gauge 20 blades (metric)	4	150	600
220	59	MMV	Fuel feed pump for Diesel	Hand operated Plunger Type	1	1500	1500

221	60	MMV	Fuel injection pump (Diesel) inline	4/6 cylinders RSV Mechanical Pneumatic Governor Type.	1	15000	15000
222	61	MMV	Fuel injection pump VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories	Fuel injection pump VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories	1EACH	30000	30000
223	65	MMV	Hacksaw frame	adjustable 20-30 cm	8	250	2000
224	70	MMV	Hammer Plastic	Hammer Plastic	2	400	800
225	71	MMV	Hand operated crimping tool/wire	(i) up to 4mm (ii) up to 10mm	2	1000	2000
226	74	MMV	Injector – Multi hole type	Injector – Multi hole type	4 EACH	24000	24000
227	76	MMV	Insulated Screw driver	20 cm x 9mm blade	4	150	600
228	77	MMV	Insulated Screw driver	30 cm x 9mm blade	4	170	680
229	78	MMV	Lifting jack screw	3 ton, 5ton & 20 Ton	1EACH	9000	9000
230	81	MMV	Multimeter digital	LCD Display	3	1000	3000
231	83	MMV	Automotive oil pump for dismantling and assembling.	Automotive oil pump for dismantling and assembling.	2	2500	5000
232	89	MMV	Piston ring compressor	Piston ring compressor	2	500	1000
233	90	MMV	Piston Ring expander and remover.	Piston Ring expander and remover.	2	300	600
234	91	MMV	Piston Ring groove cleaner.	Piston Ring groove cleaner.	1	500	500
235	106	MMV	Spanner T. flocks for screwing up and up- screwing inaccessible	Spanner T. flocks for screwing up and up- screwing inaccessible	2EACH	1800	1800
236	107	MMV	Spanner, adjustable	15cm	1	300	300
237	108	MMV	Spark plug spanner 14mm x 18mm x Size	Long bit for Alto/800	2	250	500
238	109	MMV	Starter motor axial type, pre-engagement type & Co-axial type	Starter motor axial type, pre-engagement type & Co-axial type	1EACH	30000	30000
239	110	MMV	Steel measuring tape in a case	10 meter	2	400	800
240	112	MMV	Straight edge gauge 2 ft.	Straight edge gauge 2 ft.	2	4000	8000
241	113	MMV	Stud extractor set of 3	Stud extractor set of 3	2	500	1000
242	114	MMV	Stud remover with socket handle	Stud remover with socket handle	1	750	750
243	115	MMV	Surface gauge with dial test indicator plunger type	0.01 mm	2	3000	6000

244	117	MMV	Tandem master cylinder with booster	Tandem master cylinder with booster	2	1000	2000
245	118	MMV	Thermostat	Thermostat	2	500	1000
246	119	MMV	Thread pitch gauge Metric	Thread pitch gauge Metric	2	250	500
247	120	MMV	Timing light	Timing light	1	500	500
248	121	MMV	Torque wrenches	5-35 Nm, 12-68 Nm & 50-225 Nm	1EACH	12000	12000
249	124	MMV	Universal puller for removing pulleys, bearings	Universal puller for removing pulleys, bearings	1	1500	1500
250	126	MMV	Vacuum gauge	0 to 760 mm of Hg.	1	1500	1500
251	127	MMV	Valve Lifter	Valve Lifter	1	2000	2000
252	128	MMV	Valve spring compressor universal	Valve spring compressor universal	1	2000	2000
253	129	MMV	Vernier calliper	0-300 mm with least count 0.02mm	2	5000	10000
254	131	MMV	Automotive Water pump for dismantling and assembling	Automotive Water pump for dismantling and assembling	4	1000	4000
255	133	MMV	Work bench	250 x 120 x 60 cm with 4 vices 12cm Jaw	1	20000	20000
256	134	MMV	Working model of Air Brake Assembly	Two brake drums, vehicular air compressor driven by suitable Electric Motor, air dryer, brake chamber . stop light, different valves, air pressure gauges. With all accessories.	1	7500	7500
257	135	MMV	Alternator assembly used for LMV	Alternator (>50 Amp)	1	8000	8000
258	138	MMV	Cut section Model of Mock layout of a motor car –electrical system working model	Wiring with parts and accessories of a car to be arranged according to the electrical circuit of a car. Working of Self-starter, Alternator, Wiper Motor, Horn, lighting system, sparks from plug to be shown with Distributor & battery. Should be mounted on suitable table	1	12000	12000

259	139	MMV	Cut section models of shock absorbers	Cut section models of shock absorbers	1	10000	10000
260	140	MMV	Cut section of cross ply and radial tyres	Cut section of cross ply and radial tyres	1	10000	10000
261	141	MMV	Cut section working model of automatic transmission Gear box	Sectioned to show the internal mechanism of forward and reverse speeds.	1	25000	25000
262	142	MMV	Cut section working model of centrifugal clutch assembly.	Centrifugal Clutch sectioned to show the internal details	1	15000	15000
263	143	MMV	Cut section working model of Diaphragm clutch assembly.	Diaphragm Clutch sectioned to show the internal details	1	18000	18000
264	144	MMV	Cut section working model of Single plate clutch assembly	Single plate Clutch sectioned to show the internal details	1	17000	17000
265	145	MMV	Demonstration board of electronic Ignition system, ignition coil	With HT coil, HT wires, Spark Plugs, ignition switch, coil, distributor, battery, and wiring.	1	20000	20000
266	146	MMV	Demonstration board of MPFI system	With injectors, rail, inlet manifold, throttle body, distributor, ECU, purge valve, sensor, crank pulley, fuel tank module.	1	15000	15000
267	147	MMV	Disk brake in working condition with caliper assembly with all parts	Exhibiting Brake disc, Caliper assembly, tandem master cylinder, brake hoses, oil bottle, pedal, etc.	1	10000	10000
268	149	MMV	Front axle (Rzeppa Joint) with stand for Dismantling and assembly	Rzeppa joint of LMV.	1	8000	8000
269	150	MMV	Full floating axle and semi-floating axle assembly	Drum & axle casing should be with all components in working condition.	1EACH	24000	24000

270	151	MMV	Functional model of different type of sensors.	With Different type of sensors like Throttle Position Sensor, Manifold Absolute Pressure Sensor, Engine Coolant Temperature Sensor, Vehicle Speed Sensor, Oxygen Sensor, Crankshaft Position Sensor, Camshaft Position Sensor, Intake Air Temperature Sensor, Mass Air Flow Sensor, Knock Sensor with ECU.	1	50000	50000
271	152	MMV	Steering assembly – 1.Rack & pinion 2.Worm & roller 3. Recirculating ball 4.Power steering 5. Electric Assisted Power Steering	1. Rack & Pinion with steering wheel, column, tie rod end. 2. Worm & Roller steering assembly with drop arm. 3. Recirculating Ballsteering with pitman shaft and drop Arm. 4. Hydraulic working power steering with steering wheel, column, flow pipe, hydraulic pump, oil reservoir. 5. Electric Assisted Power Steering	1EACH	76500	76500
272	154	MMV	Tandem master cylinder with booster	Working model	1	1000	1000
273	155	MMV	Tubed tyre of car, trucks & motorcycle	Tubed tyre of car, trucks & motorcycle	1EACH	1500	1500
274	156	MMV	Tubeless tyre of cars & trucks	Tubeless tyre of cars & trucks	1EACH	4500	4500
275	157	MMV	Tyre & split rim wheel assembly	Tyre& split rim wheel assembly	1	5000	5000
276	158	MMV	Working Model of power windows	Showing parts like door, glass with motor and its gear arrangement and operating switch.	1	3500	3500
277	159	MMV	Working model of torque converter	Model of LMV	1	10000	10000

278	160	MMV	Air conditioned CRDI Vehicle in running condition -LMV	New vehicle with CRDI engine, 04 strokes, 04 cylinders, BS-VI, fitted with air condition.	1	1500000	1500000
279	161	MMV	Arbor press hand operated	2 ton capacity	1	15000	15000
280	163	MMV	Diesel Engine – CRDI - 4 stroke for Dismantling and Assembling with Swiveling Stand.	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine, 800-1600cc, in running condition, with ECM, BCM (optional), and all sensors, wiring, fuel feed & cooling system & instrument cluster.	1	150000	150000
281	164	MMV	Diesel engine (Running condition) Stationary type single cylinder	Single Cylinder, OH valves, fuel tank with handle, fuel feed, water cooling, oil pump.	1	5000	5000
282	165	MMV	Hydraulic jack HI-LIFT type	3 ton capacity, and 5 Ton capacity	1EACH	5000	5000
283	166	MMV	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.	1	150000	150000
284	167	MMV	Spring tension tester	Manually operated with analogue display.	1	5000	5000

285	169	MMV	Working Condition of Diesel Engine – CRDI - 4 stroke Engine, Assembly with fault simulation board	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine, with ECM, BCM and sensors, wiring, fuel feed, cooling system& instrument cluster. Fault setting bank for minimum 8 sensors and with diagnostic socket&Scanner to read the faults. Engine management circuit diagram to be printed on the panel board.	1	150000	150000
286	170	MMV	Cut section of 6 cylinder diesel engine in moving condition to show movement of internal parts	6 cylinder diesel engine in working condition to show movement of internal parts	1	15000	15000
287	171	MMV	Diesel Engine six Cylinder in running condition	Latest Diesel Engine CRDI 4 Stroke 6 Cylinders, Turbocharged Engine in running condition. All sensors, wiring, fuel feed, cooling system & instrument cluster	1	150000	150000
288	172	MMV	Air bag simulator	Driver & Co Driver Air Bags, Seat belts with front seats, crash sensors, air bag ECU, Wiring Harness	1	50000	50000
289	173	MMV	Air conditioning service Unit (Car)	Suitable for R134A. Recovery with vacuum pump, automatic drain & stop after recovery.	1	40000	40000

290	174	MMV	Four stroke petrol engine with CNG setup- working condition	Latest 4 Stroke 3/4 cylinder MPFI Engine in running condition 800-1600cc with ECM, BCM (optional) and all sensors, wiring, fuel feed system, cooling system& instrument cluster with CNG/ Petrol selection switch on Panel.N.B.: If ECM and BCM are available as one control unit can be purchased instead ECM. BCM as separated.	1	150000	150000
291	175	MMV	Heavy Commercial vehicle	Fitted with Latest 06 cylinder CRDI diesel engine with all parts and accessories. (without body on frame)	1	2200000	2200000
292	176	MMV	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling	Latest 4 Stroke 3/4 cylinder MPFI Engine in running condition 800-1600cc with ECM, BCM (optional) and all sensors, wiring, fuel feed system, cooling system & instrument cluster. N.B.: If ECM and BCM are available as one control unit can be purchased instead ECM. BCM as separated.	1	110000	110000
293	177	MMV	Petrol Engine(2-stroke) Motor Cycle/Scooter along with special tools and accessories	Cut Section of 2 Stroke 2 W Engine Single Cylinder	1	15000	15000
294	178	MMV	Transfer case with stand for Dismantling and assembly.	To show the gear mechanism of forward and reverse speeds.	1	5000	5000
295	180	MMV	Two post car lift – capacity 4000 kg	Hydraulic Type with Mechanical Arms Locking.	1	150000	150000

296	181	MMV	Tyre Changer Machine	Motorized Pneumatic Type, Rim clamping facility, and bead breaking facility with air inflating device.	1	20000	20000
297	182	MMV	Ultrasonic Injection cleaning equipment	Flow analysis & spray pattern test, leak test, auto programming mode, ultrasonic test with timer, Min 500 ML Lit SS Tank with Lid, SS Stand.	1	45000	45000
298	183	MMV	Wheel alignment Machine –computerized 3D	Latest machine for four wheel alignment. With connected camera , IR Lighting Source min. 8mm, Reflector metal based, should work in sunlight	1	200000	200000
299	184	MMV	Wheel balancing machine	For wheel balancing of LMV. Motor 0.5 HP Shaft Diameter min 38mm. Hardened flange assy. Balancing catch nut of metal.	1	120000	120000
300	186	MMV	Working Condition of E.V (Electric Vehicle) Car	Electric car with all required accessories including battery charger	1	2000000	2000000
301	1	RAC	File flat rough double cut	200mm	12	350	4200
302	2	RAC	File, half round, fine double cut	length 150mm	12	350	4200
303	3	RAC	File, round, fine double cut	length 150mm	12	350	4200
304	4	RAC	File flat, fine double cut	length 150mm	12	350	4200
305	5	RAC	File square, fine double cut	length 150mm	12	125	1500
306	6	RAC	File triangular fine double cut	length 150mm	12	125	1500
307	7	RAC	Scriber	150mm length	12	100	1200
308	8	RAC	Centre punch	length 100mm	12	150	1800
309	9	RAC	Try square	150 mm	12	250	3000
310	10	RAC	Divider spring joint	length 150mm	12	150	1800
311	11	RAC	Caliper spring joint in side	length 150mm	12	150	1800

312	12	RAC	Caliper, odd leg, spring joint	length 150mm	12	150	1800
313	13	RAC	Hammer ball pane	220 gms	12	150	1800
314	14	RAC	Cold Chisel flat and cross cut	length 150mm	12	100	1200
315	15	RAC	Engineers rule	300mm long	12	80	960
316	16	RAC	Tape measuring	10m graduation in mm	12	300	3600
317	17	RAC	Pliers combination insulated	length 200mm	12	350	4200
318	18	RAC	Pliers long nose	200 mm	12	300	3600
319	19	RAC	Pliers flat nose	150mm	12	300	3600
320	20	RAC	Line tester	500 v heavy duty	12	80	960
321	21	RAC	Tweezers	10 cm	12	35	420
322	22.	RAC	Surface plate	45 x45 cms	1	10000	10000
323	23.	RAC	Oil can	500 ml	5	150	750
324	25.	RAC	Bench vice	150 to 300mm jaw	9	800	7200
325	26.	RAC	Hack saw tubular metal frame adjustable	300mm	8	200	1600
326	27.	RAC	Snip sheet metal straight nose	200 mm	10	80	800
327	29.	RAC	Anvil	100X200mm	1	7000	7000
328	30.	RAC	Stakes [different Types]	100mm	1	1000	1000
329	31.	RAC	Tin smith	400mm	1	10000	10000
330	32.	RAC	Wooden mallet	500 gm good finish	3	100	300
331	32.	RAC	Nylon mallet	500 gm good finish	2	100	200
332	33.	RAC	Round Punch	3mm,4mm,6mm	5	250	1250
333	34.	RAC	Electrical drill portable drill with chuck and key	capacity 6.4mm	5	3000	15000
334	35.	RAC	Screw driver, plastic handle,	6mm TIP length 100mm to 150mm	1	250	250
335	36.	RAC	Screw driver, plastic handle, Flat tip	10mm TIP length 200mm & 250mm	2	250	500
336	41.	RAC	Tong tester (clamp on multi meter)	0-10-30 amps 0-500 v	5	1500	7500
337	42.	RAC	Tenon saw	250 mm	5	500	2500
338	43.	RAC	Firmer chisel	6,12,25mm	2	150	300
339	46.	RAC	Fire buckets	10 Litre	3	250	750

340	47.	RAC	D.E spanner	6-32 mm	5	350	1750
341	48.	RAC	Ring spanner	6 -32 mm	5	350	1750
342	49.	RAC	Quick couples, process tube adopter	¼" & 3/8" 5/16",3/16"	2	450	900
343	50.	RAC	Tong Close mouth and pick	Tong Close mouth and pick	1	1000	1000
344	51.	RAC	Welding table for gas/Arc	1200x760	1	15000	15000
345	52.	RAC	Flaring tool set, single type for tube.	4.7mm to 16mm O.D	1	1500	1500
346	54.	RAC	Bending spring external type, for copper tube	3mm to 16mm DIA	5	1000	5000
347	55.	RAC	Pipe cutter miniature for copper tube	3mm to 16mm DIA	5	350	1750
348	57.	RAC	Ratchet spanner	6.4 sq.mm reversible	5	1500	7500
349	58.	RAC	Capillary plug gauge	Capillary plug gauge	5	200	1000
350	59.	RAC	Piercing pliers & reversing valve with access fitting	6-18mm	5	3000	15000
351	60.	RAC	Spanner double ended	4.7mm to 16mm	4	500	2000
352	61.	RAC	Ring spanner off set	4.7mm to 16mm	2	900	1800
353	66.	RAC	(Hollo) Punch hole for cutting gasket	4.7-16mm die	2	300	600
354	68.	RAC	L-Allen key	set size 1.5mm to 6.4mm	3	700	2100
355	70.	RAC	Pipe cutter with built in reamer and space cutter, for copper tube	3mm to 32mm	5	350	1750
356	71.	RAC	Pipe /Tube bender lever type	3-16 mm	1	3500	3500
357	72.	RAC	Spanner double ended	19mm to 31.8 mm	3	900	2700
358	73.	RAC	Pipe wrench	size 50mm to 150mm	5	350	1750
359	75.	RAC	Hammer ball peen	450 gms	5	200	1000
360	76.	RAC	Puller 3 legged with flexible arm	300mm	5	1000	5000
361	77.	RAC	Hand blower portable complete	1/10 HP	2	2000	4000
362	78.	RAC	Spirit level precision metallic	200mm	2	300	600
363	79.	RAC	Tap set with matching drills	3 mm to 16mm	3 set	4100	12300
364	80.	RAC	Tap set with matching drills	V to 5/8"	3 set	4100	12300
365	81.	RAC	Refrigerant cylinder	2.5 Kg	3	500	1500

366	82.	RAC	Heating kit with infrared bulb	(200 w capacity)	2	3000	6000
367	83.	RAC	Plumbing hammer weight	200 gm	2	300	600
368	85.	RAC	Torque Wrench	300mm-12.7mm	1	3000	3000
369	86.	RAC	Piercing Valve	¼ Inch	2	1500	3000
370	87.	RAC	Feeler gauge	0.05mm to 1mm	4	150	600
371	88.	RAC	Four way reversible valve	Four way reversible valve	1	3000	3000
372	89.	RAC	Vernier height gauge	300mm, LC 0.02		1500	1500
373	90.	RAC	Tape measuring graduation in mm	2 m	5	250	1250
374	91.	RAC	Voltmeter, AC/DC portable precision grade Digital Panel board type	0 to 500 volts	5	800	4000
375	92.	RAC	Ammeter, AC/DC portable precision grade Digital Panel board type	0 to 30 amp	5	800	4000
376	93.	RAC	Megger	1000v	4	2000	8000
377	94.	RAC	Wattmeter multi-range up	1 KW	1	1000	1000
378	95.	RAC	Multi meter digital type	Multi meter digital type	5	1000	5000
379	97.	RAC	Service Oscillator	Service Oscillator	1	6500	6500
380	98.	RAC	C.R.O Single beam	5 MHZ	2	12000	24000
381	99.	RAC	C.R.O Dual trace/ Double beam	60 MHZ	2	22000	44000
382	100.	RAC	A.F.O Oscillators		2	3450	6900
383	101.	RAC	Pressure gauge Digital type	diameter 63mm with recalibration set	5	5000	25000
384	102.	RAC	Compound Gauge Digital type	diameter 63mm, with recalibration set screw, scale vacuum 760mm. Pressure 15 Kg/sq.cm	5	5000	25000
385	103.	RAC	Service man Thermometer in metal case	- 30 ⁰ C to +110 ⁰ C	5	250	1250
386	104.	RAC	Gas leak detector for halogen gas	Gas leak detector for halogen gas	2	2800	5600
387	105.	RAC	Electronic leak detector	Electronic leak detector	2	2500	5000
388	107.	RAC	Stop watch	Stop watch	2	200	400
389	108.	RAC	Vernier caliper	length 250mm	2	3000	6000
390	110.	RAC	Multi meter analoge type	Multi meter analoge type	5	500	2500

391	112.	RAC	Micron vacuum gauge	capable microns of reading up to 20	2	6500	13000
392	113.	RAC	Sensor thermometer (digital)	-50 degree Celsius to 150 degree Celsius	2	500	1000
393	116.	RAC	Wire gauge (metric & British.)	Steel plate embossing converse of British & Metric	2	150	300
394	117.	RAC	Dial thermometer remote control, armored capillary dial	75mm - 50C to +50 C	3	1500	4500
395	118.	RAC	Anemometer	Digital type	1	6500	6500
396	119.	RAC	Compressors testers for small hermetic compressors	Fixed with electrical input/ output indicating facilities	2	6500	13000
397	120.	RAC	digital thermometer	Graduated disc analogy type	1	300	300
398	121.	RAC	Temperature & Humidity recorder	Capacity to record 24 hrs	1	1500	1500
399	122.	RAC	Instrumentation screw driver set	100mm,	5	1500	7500
400	123.	RAC	Digital weighing machine	100 kg	1	15000	15000
401	124.	RAC	Split phase induction motor	1hp, 230 V	1	4000	4000
402	125.	RAC	BLDC motor with controller	15 – 30 watts, 315 Volt DC	2	4000	8000
403	126.	RAC	IDU Pulse Generation type motor	15watt, 230volt A.C	2	4000	8000
404	127.	RAC	Capacitor start induction motor	1 Hp, 230 V	1	12000	12000
405	128.	RAC	AC 3 Phase motor, 400/50 Hz	2 Hp	1	11000	11000
406	129.	RAC	Star delta starter	2 hp	1	1500	1500
407	130.	RAC	Auto Transformer starter	3 hp	1	8600	8600
408	132.	RAC	Portable air - LPG brazing kit	2 kg. LPG cylinder, torches, houses, stand make	1	5000	5000
409	133.	RAC	Oxy-acetylene welding set complete	cylinders, regulators welding torches with difference nozzles	1	60000	60000
410	134.	RAC	Single door direct cool refrigerator, carrying with HFC and HC	185 L / R 600/ HFC	1	15000	15000
411	135.	RAC	Frost free refrigerator	200L carrying with HC blend	2	23000	46000
412	136.	RAC	Three door refrigerator (Inverter type)	300L carrying with HC R-600a	1	30000	30000

413	136.	RAC	four door refrigerator (Inverter type)	300L carrying with HC R-60 using reciprocating compressor along with one voltage stabilizer. Condenser should be plate type air-cooled(compact in the body)	1	30000	30000
414	137.	RAC	Core drill machine.	Core drill machine.	1	25000	25000
415	138.	RAC	Bench Drilling machine	20 mm capacity,200-2500rpm	1	15000	15000
416	139.	RAC	Grinding Machine	200mm,3000rpm,Double ended1/2 hp	1	5000	5000
417	140.	RAC	Evacuating and refrigerant charging station, consist of a) Rotary two stage vacuum pump and motor (with gas ballast and anti-suck back) b) manifold with gauges and valves and capable of pulling vacuum up to 50 microns of Hg and with provision of connecting to a microns level vacuum gauge b) Graduated charging cylinder with provision for temperature correction and all necessary isolating valves	(CAP. 2 kg. In lieu of (b)above and with accuracy of + / - g for charging hydrocarbons)	1	25000	25000
418	142.	RAC	Two stage rotary vacuum pump,3or 4 CFM.	capacity approx. 60 - 10rpm capable of evacuating to 50 microns of Hg and fitted with gas ballast,	1	20000	20000
419	143.	RAC	Dry N ₂ cylinder	2 stage regulator or commercial N2 in cylinder with drier unit and 2 stage regulator & meter cube	1	30000	30000
420	144.	RAC	Window A.C	1 Ton with R-22 Blend reciprocating compressor	2	30000	60000

421	146.	RAC	Duct able split A.C 1.5 ton	1.5 Ton with R134a or R-22 reciprocating compressor	1	50000	50000
422	147.	RAC	Recovery unit with cylinders	CFC, HFC&HCFC	1	25000	25000
423	148.	RAC	Decibel meter	30-100 db	1	5500	5500
424	150.	RAC	De scaling pump set	with stainless steel impeller and housing complete with motor 1/2 hp and accessories	1	25000	25000
425	151.	RAC	Fan coil unit	with water valves (2 & 3 way)	1	15000	15000
426	152.	RAC	Shell and tube, DX chillers (small)	5 Ton with Cu tubing only	1	35000	35000
427	153.	RAC	Circulating water pump (small)	0.5 H.P with stainless steel tank capacity 20 liters within let/ outlet provision.	1	12000	12000
428	154.	RAC	Refrigerant Cylinder	10 kg capacity	1	6000	6000
429	155.	RAC	Gauge manifold with gauges	Different size of hoses for R 134a,R22 and R 410.	1	5000	5000
430	156.	RAC	Shell and tube type condenser	5 Ton with Cu tubing only. Horizontal type cap. 15000 kcal/hr	1	30000	30000
431	157.	RAC	Rotary hermetic compressor	2 Ton capacity with all accessories i.e. relay, olp, capacitors etc	1	13000	13000
432	158.	RAC	Bottle cooler visible	200 L carrying with HFC-134a& reciprocating compressor	1	55000	55000
433	159.	RAC	Deep freezer	200 L carrying with HFC-134a& reciprocating compressor	1	50000	50000
434	160.	RAC	Display Cabinet	2 ton capacity	1	55000	55000
435	162.	RAC	Water dispenser bubble type (Hot and Cold)	2.5 to 3ltr. Delivery capacity per hour	1	25000	25000

436	167.	RAC	Car A.C components (full kit) a) Wobble plate compressor with mounting brackets. b) Serpentine Evaporator c) Parallel Flow Condenser d) Hoses, tubes, Receiver, Ex.valve. e) Electrical components & wiring Harness	Car A.C components (full kit) a) Wobble plate compressor with mounting brackets. b) Serpentine Evaporator c) Parallel Flow Condenser d) Hoses, tubes, Receiver, Ex.valve. e) Electrical components & wiring Harness	1	40000	40000
437	169.	RAC	Bus AC tutorial model	Bus AC tutorial model	1	120000	120000
438	170.	RAC	Automatic ice cube m/c	50 kg/hour	1	150000	150000
439	171.	RAC	Storage type water cooler (hot and cold)	Storage type water cooler (hot and cold)	1	25000	25000
440	172.	RAC	Visi cooler	185 L	1	30000	30000
441	173.	RAC	VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity out door unit complete with air cooled condenser, accessories and controls.	VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity out door unit complete with air cooled condenser, accessories and controls.	1	100000	100000
442	174.	RAC	Split A/C (inverter technology)	1.5 TR	1	50000	50000
443	175.	RAC	Walk in cooler PUF insulated for cold room 6X4.5X8 cft.	temperature 0 ^o -5 ^o c	1	155000	155000
444	176.	RAC	Absorption system	Small size	1	95000	95000
445	4	Welder	Chisel cold	flat 19 mm x 150 mm	20 Nos	115	2,300
446	7	Welder	Stainless steel rule	300mm	21 Nos	110	2,310
447	8	Welder	Scriber	150 mm double point	21 Nos	100	2,100
448	10	Welder	Hack saw frame	fixed 300 mm	25 Nos	250	8,750
449	12	Welder	File flat	350 mm bastard	21 Nos	480	10,080
450	13	Welder	Hammer ball pane	1 kg with handle	15 Nos	290	4,350
451	14	Welder	Tip Cleaner	Standard set of 13 cleaners.	20 Nos	78	1,560
452	17	Welder	Screw Driver	300mm blade and 250 mm blade	1 each	300	300
453	18	Welder	Number punch	6 mm	2 set	580	1,160
454	19	Welder	Letter punch	6 mm	2 set	555	1,110

455	20	Welder	Magnifying glass	100 mm dia.	2 Nos.	431	862
456	22	Welder	Spanner D.E.	6 mm to 32mm	1set	1,950	1,950
457	25	Welder	S.S tape	5 meters flexible in case	6 No.	300	1,800
458	40	Welder	Inverter based welding machine	with all accessories (300A, OCV 60 – 100 V,60% duty cycle)	1 set	15,000	15,000
459	65	Welder	Swage block 5048	Cast iron 16x16x16 inch	1 No.	6,800	6,800
460	69	Welder	Portable Abrasive CUT-OFF Machine	Portable Abrasive CUT-OFF Machine	1 No.	8,800	8,800
461	51	Welder	AG 4 GRINDER	AG 4 GRINDER	2 Nos	2,900	5,800
462	72	Welder	Water cooled induction welding/ Brazing Machine.	200-250 Amp, Induction coil length 3 Inch and 2.5 Inch	1 Nos	140,000	140,000
463	73	Welder	Plastic welding machine with hot air gun.	temp. display, variable temp., PE,PP& PVC sheet or pipe welding control with stand. Accessories.	1 Nos	35,000	35,000
464	74	Welder	Swaging and Flooring Tool kit 45 degree tubing	1/8 to 3/4 inch	1 Nos	9,300	9,300
465	1	TURNER	Caliper out side spring joint 150 mm	150 mm	10	150	1,500
466	2	TURNER	Caliper inside spring joint 150 mm	150 mm	21	150	3,150
467	3	TURNER	Caliper odd-leg firm joint 150 mm	150 mm	42	150	6,300
468	4	TURNER	Steel Rule 150 mm	150 mm, Graduated both in Metric and English Unit	11	100	1,100
469	5	TURNER	Scriber 150mm x 3 mm	150mm x 3 mm	25	250	6,250
470	6	TURNER	Hammer ball pein 250 gm with handle	250 gm with handle	30	250	7,500
471	7	TURNER	Centre punch 100 mm.	100 mm	23	150	3,450
472	8	TURNER	Prick punch 100 mm	100 mm	42	150	6,300
473	9	TURNER	Divider spring joint 150 mm	150 mm	19	150	2,850
474	10	TURNER	Safety goggles clear glass (Good quality)	Safety goggles clear glass (Good quality)	42	100	4,200
475	11	TURNER	Surface plate- Granite 1000 X 1000 mm with Stand Cover	1000 x 1000 mm with Stand and Cover	1	25,000	25,000
476	14	TURNER	Bench vice 125 mm jaw	125 mm jaw	2	1,500	3,000

477	15	TURNER	Vee-Block 150X100X100 mm with clamp (Hardend & Ground)	150X100X100 mm with Clamp (Hardened & Ground)	1	4,000	4,000
478	17	TURNER	Hammer ball pein 750 gm with handle	750 gm with handle	3	300	900
479	19	TURNER	Hammer copper/brass 500 gm with handle	500 gm with handle	10	1,000	10,000
480	23	TURNER	File flat 250 mm smooth	250 mm smooth	6	250	1,500
481	28	TURNER	Combination set 300 mm (Complete Set)	300 mm (Complete Set)	6	3,000	18,000
482	32	TURNER	Pliers flat nose 150 mm side cutting	150 mm side cutting	13	300	3,900
483	33	TURNER	Caliper transfer inside 150 mm	150 mm	3	200	600
484	36	TURNER	Micrometer Outside	50to 75 mm, Least Count 0.01 mm with NABL Accredited lab. Certificate	2	5,000	10,000
485	37	TURNER	Micrometer Inside	up to 25 mm, Least Count 0.01 mm with NABL Accredited lab. Certificate	2	5,000	10,000
486	38	TURNER	Micrometer Inside	up to 25 to 50 mm, Least Count 0.01 mm with NABL Accredited lab. Certificate	2	5,000	10,000
487	39	TURNER	Depth Gauge Micrometer	0 to 150 mm, Least Count 0.01 mm with NABL Accredited lab. Certificate	2 no.	5,000	10,000
488	40	TURNER	Vernier Caliper Outside, Inside and Depth	200 mm /8 inches with metric & inch scale (L.C. = 0.02mm) with NABL Accredited lab. Certificate	3 nos.	5,000	15,000
489	41	TURNER	Dial Vernier Caliper with metric	200 mm, Least Count 0.05 mm with NABL Accredited lab. Certificate	6 no.	5,000	30,000
490	42	TURNER	Vernier Bevel Protractor 300 mm	300 mm blade with NABL Accredited lab. Certificate	6 no.	5,000	30,000
491	43	TURNER	Vernier Micrometer	0 - 25 mm o/s LC 0.001mm with NABL Accredited lab. Certificate	2 no.	5,000	10,000

492	44	TURNER	Vernier Micrometer	25 - 50 mm, outside Least Count 0.001mm with NABL Accredited lab. Certificate	2 no.	5,000	10,000
493	46	TURNER	Gauge - Radius Set	1 mm to 25 mm by 0.5 mm	6 no.	250	1,500
494	49	TURNER	Drill Angle Gauge	45°,60°,90°	2 no.	350	700
495	54	TURNER	Plain Ring and Plug Gauge	(12,16,20,25,30,32,36,40,45,50 mm)	1 set	2,000	2,000
496	55	TURNER	Wheel Dresser Hunting on-type with star cutter	Standard	1 no.	3,000	3,000
497	57	TURNER	Screw Thread micrometer interchangeable	(0-25 mm)	1 no.	5,000	5,000
498	58	TURNER	Morse Taper Plug & Ring Gauge	No. 0 to 7 MT	1 set	5,000	5,000
499	59	TURNER	Sine Bar with centers	200 mm	1 no.	1,000	1,000
500	60	TURNER	Slip Gauge metric set	(87 pieces in a Box) with workshop grade	2 no.	10,000	20,000
501	65	TURNER	Tap & Die B.A. No. 0 to 10 in a box	B.A. No. 0 to 10 in a box	1 no.	5,000	5,000
502	66	TURNER	Tap and Die Set Metric - 3 to 24 mm	Metric - 3 to 24 mm	1 set	6,000	6,000
503	67	TURNER	Tap & Die	B.S.F. up to 1 inch	1 set	5,000	5,000
504	68	TURNER	Tap & Die	B.S.W. up to 1 inch	1 set	4,500	4,500
505	69	TURNER	Reamer machine	straight flute 6 to 25 mm	1 set	400	400
506	70	TURNER	Reamer Adjustable	10 to 20 mm	1 set	800	800
507	72	TURNER	Parting Tool Holder with H.S.S. blade	Standard	12 no.	500	6,000
508	73	TURNER	Tool Bits	12 X 150 mm sq. assorted shaped	13 nos.	500	6,500
509	74	TURNER	Boring Tool holder	6 mm sq. tool bit	15 no.	500	7,500
510	77	TURNER	Dog Carrier	25, 50 and 75 mm	12 no.	450	5,400
511	78	TURNER	Angle Plate	Adjustable - 150 X 175 X 250 mm	2 no.	1,250	2,500
512	79	TURNER	Spirit Level	0.05 mm / 200 mm	1 no.	300	300
513	80	TURNER	Tool Maker's button	Standard	1 set	2,000	2,000
514	81	TURNER	Combination Drill / Centre Drill	A3, A4 & A5	1 set	3,000	3,000
515	82	TURNER	Oil Stone	12 mm sq. x 100 long fine	12 nos.	500	6,000
516	83	TURNER	Tap Wrench (adjustable)	M6,M8,M10,M12	7 nos.	500	3,500
517	85	TURNER	Tool Bit assorted sizes on holder	Tool Bit assorted sizes on holder	8 nos.	800	6,400

518	86	TURNER	Machine Vice - Swivel Base	100 mm Jaw opening	1 no.	1,000	1,000
519	87	TURNER	Chalk Board on mobile stand	4X4 Feet	1 no.	1,500	1,500
520	88	TURNER	Spare Grinding Wheel Ajax type for carbide tool	As per M/C Bore Dia	1 no.	1,500	1,500
521	93	TURNER	Angle Gauge for tool grinding	Standard	6 no.	300	1,800
522	94	TURNER	Hand Chaser	M-12 & M-16 (External)	2 no.	200	400
523	95	TURNER	Hand Chaser	M-12 & M-16 (Internal)	2 no.	200	400
524	96	TURNER	Revolving Center (to suit Lathe tailstock)	Standard	3 nos.	1,300	3,900
525	97	TURNER	Tool Cemented carbide assorted shaped (External) for steel turning	set of 12 nos.	1 no.	5,000	5,000
526	98	TURNER	Thread Plug Gauge	M-20 & M-21	1 set	1,000	1,000
527	99	TURNER	Thread Ring Gauge	M-20 & M-21	1 no.	3,000	3,000
528	100	TURNER	Machine Chaser	M-12 TO M-21 (Std. Series) to suit on	1set	4,000	4,000
529	102	TURNER	Gauge Drill Grinding	Standard	1 no.	500	500
530	103	TURNER	Magnetic Chuck	150 mm dia. (Circular type)	1 set	4,000	4,000
531	115 *	TURNER	CNC lathe/CNC turn Centre	CNC lathe/CNC turn Centre	1 no.	3,000,000	3,000,000
532	116 *	TURNER	a) Simulator	a) Simulator	11 nos	100,000	1,100,000
533	117	TURNER	Tool holders	Tool holders			100,000
534	119	TURNER	Digimatic Electronic Vernier Caliper	200 mm	2 nos.	25,000	50,000
535	120	TURNER	Digimatic electronic outside Micrometer	(0 to 25 mm & 25 to 50 mm) LC 0.001 mm.	1 no. each	50,000	100,000
536	CNC LAB SR. NO. 7	TURNER	Air Conditioner	split - 2.0 Ton	1 no. each	50,000	50,000
537	1	MACHINIST	Steel rule	30 cm graduated both in English & Metric units	21	80	1680
538	3	MACHINIST	Inside spring caliper	150 mm	13	150	1950
539	4	MACHINIST	Hermaphrodite caliper	150 mm	23	150	3450
540	5	MACHINIST	Divider spring	150 mm	13	150	1950
541	6	MACHINIST	Centre Punch	100 mm	13	60	780
542	7	MACHINIST	Hammer	B.P. 0.5 kg	9	250	2250
543	8	MACHINIST	Cold chisel flat	25 x 200 mm	42	80	3360

544	9	MACHINIST	File flat bastard	300 mm	10	200	2000
545	10	MACHINIST	File flat	2nd cut 250 mm	19	150	2850
546	11	MACHINIST	File flat smooth	200 mm	13	150	1950
547	12	MACHINIST	Screw Driver	10 X 200 mm	22	80	1760
548	13	MACHINIST	Combination Plier	150 mm	13	170	2210
549	18.	MACHINIST	V- Block	100/7 – 80 – A	1	2000	2000
550	23.	MACHINIST	Straight edge steel	1 meter	1	1000	1000
551	24.	MACHINIST	Straight edge steel	500 mm	1	1000	1000
552	27.	MACHINIST	Sprit level	2V 250, 05 meter	1	500	500
553	28.	MACHINIST	Hammer	B.P. 800 gms with handle	3	250	750
554	31.	MACHINIST	Spindle blade screw driver	100 mm	7	100	700
555	32.	MACHINIST	Allen Hexagonal keys	2.5 to 12	1 Set	200	200
556	33.	MACHINIST	Spanner D.E.	series 2 (set of 7 pieces)	4	800	3200
557	35.	MACHINIST	Reduction sleeve Morse	1-1, 3-1, 4-1, 4-2, 5-1, 5-2, 6-1,	2	1400	2800
558	37.	MACHINIST	Angle plate adjustable	250 x 150 x 175 mm	2	2500	5000
559	38.	MACHINIST	Solid parallels in pairs (different sizes) in Metric	Solid parallels in pairs (different sizes) in Metric	16	500	8000
560	39.	MACHINIST	Oil Can pressure feed	500 mg			
561	40.	MACHINIST	Oil stone	150 x 50 x 25 mm	8	100	800
562	41.	MACHINIST	Number drills H.S.S. (parallel shank)	Number drills H.S.S. (parallel shank)	2	1500	3000
563	47.	MACHINIST	Grinding wheel dresser (diamond)	Grinding wheel dresser (diamond)	1	150	150
564	48.	MACHINIST	Grinding wheel dresser Huntington type	Grinding wheel dresser Huntington type	1	150	150
565	53.	MACHINIST	File Half round	2nd cut 250 mm	3	150	450
566	54.	MACHINIST	File triangular smooth	200 mm	3	600	1800
567	55.	MACHINIST	Needle file set	Needle file set	6	1000	6000
568	57.	MACHINIST	Reamer	6 mm to 25 mm by 1 mm	7	1000	7000
569	58.	MACHINIST	Reamer adjustable	10 mm to 15 mm length 75 mm	1set	6000	6000
570	61.	MACHINIST	Tool bits holder (Armstrong) L.H	Tool bits holder (Armstrong) L.H	6	150	900
571	62.	MACHINIST	Tool bits holder (Armstrong) R.H.	Tool bits holder (Armstrong) R.H.	3	150	450
572	65.	MACHINIST	Table chuck	75 mm jaw swivel base	1	2500	2500
573	67.	MACHINIST	Machine vice	200 mm swivel base	3	5000	15000

574	70.	MACHINIST	Radius turning attachment	Radius turning attachment	1	5000	5000
575	72.	MACHINIST	Compound angle vice (standard sine)	Compound angle vice (standard sine)	1	7000	7000
576	73.	MACHINIST	Universal Machine Vice	100 mm	1	5000	5000
577	74.	MACHINIST	Universal Table Angle Plate	150 X 150 X 150 mm	1	5000	5000
578	82.	MACHINIST	Digital Multimeter	0 to 500 V	2	400	800
579	83.	MACHINIST	Variable Resistance Box	Resistors With 220Ω, 150Ω, 1kΩ, 33Ω, 100Ω, 1.2Ω	1	500	500
580	84.	MACHINIST	DC Battery With Cap	9V	1	700	700
581	85.	MACHINIST	Dual Power Supply	(230V, 50Hz, Fuse-800mA)	1	1500	1500
582	86.	MACHINIST	Solder Iron	(350V), Solder Lead, PCB Board (Groove Board), Solder Wick	1	1000	1000
583	87.	MACHINIST	Inductor	(400 Turns, 200 Turns, 600 Turns, 1200 Turns) , I-Core , E-Core, U-Core, Laminated Core	1	1500	1500
584	88.	MACHINIST	Relay	(5V) , LED (5V)	1	500	500
585	89.	MACHINIST	Function Generator	(230V, 50Hz, Watts-12VA, Fuse-150mA)	1	5000	5000
586	90.	MACHINIST	Bread Board	Bread Board	1	150	150
587	91.	MACHINIST	Synchronous Motor	(240V, 60rpm), Capacitor For Synchronous Motor (0.8mf ± 5% 450 VAC)	1`	5000	5000
588	92.	MACHINIST	Power Chord	Connecting Probes, Single Strand & Multi strand Wires.		1000	1000
589	93.	MACHINIST	Power Supply	(0-30V DC, 3A)	1	2000	2000
			Sensor Kit	Sensor Kit	1	20000	20000
			I. Mounting Plate	Mounting Plate			
			II. Power Distribution Box	(24V DC, 4A)			
			III. Counter Box	(10-30V DC/0.05A)			
			IV. Indication Box	(24V Dc)			
			V. Material Box	Material Box			
			VI. Inductive Sensor	(10-30 V DC, PNP, NO, 5mm (Range))			
590	94	MACHINIST					

590	94.	MACHINIST	VII. Capacitive Sensor	(10-30 V Dc, PNP, NO, 2-8mm(Range))			
			VIII. Magnetic Sensor	(10-60 V DC , PNP, NO, 60mm (Range))			
			IX. Ultrasonic Sensor	(20-30 V DC, PNP, NO, 80-300mm(Range))			
			X. Connecting Wires	Connecting Wires			
			XI. Motor With Control Unit	(24V DC,1A)			
591.	95.	MACHINIST	Milling Cutter - Cylindrical Cutter	Ø 63 mm, 90 mm Length and 27 mm Bore Diameter	1	5000	5000
592.	96.	MACHINIST	Milling Cutter - Cylindrical Cutter	Ø 80 mm, 90 mm Length and 27 mm Bore Diameter	1	5000	5000
593.	97.	MACHINIST	Milling Cutter	Side and face cutter dia 100 X 10 X 27 mm	2	3000	6000
594.	98.	MACHINIST	Milling Cutter	Side and face cutter dia 100 X 12 X 27 mm	3	3000	9000
595.	99.	MACHINIST	Milling Cutter	Side and face cutter dia 160 X 10 X 27 mm	1	3500	3500
596.	100.	MACHINIST	Milling Cutter	Side and face cutter dia 160 X 16 X 27 mm	2	4000	8000
597.	101.	MACHINIST	Milling Cutter - Side and face cutter	dia 200 X 20 X 27 mm	1	6000	6000
598.	102.	MACHINIST	Milling Cutter - Side and face cutter	dia 80 X 8 X 27 mm	1	2500	2500
599.	108.	MACHINIST	Milling Cutter - Double Angle Unequal	Cutter 63 X 18 X 27 mm bore dia 70°	2	3000	6000
600.	109.	MACHINIST	Milling Cutter - Double Angle Unequal	Cutter 63 X 18 X 27 mm bore dia 75°	1	3000	3000
601.	115.	MACHINIST	Milling Cutter - Slitting Saw Cutter	Ø 100 x 6 X Ø 27 mm	2	2000	4000
602.	117.	MACHINIST	Milling Cutter - Shell End Mill	Ø 75 mm x 50 x 27 mm, Preferably Inserted Tip Type	2	2000	4000
603.	122.	MACHINIST	Milling Cutter - Disc type form	Size 2,2.5,3 module 20° pressure angle	1 set Each	8000	24000

604.	126.	MACHINIST	Micrometer outside	75-100 mm Reading 0.01 mm with NABL Accredited lab. Certificate	1	2500	2500
605.	128.	MACHINIST	Digital micrometer	0-25 mm Reading 0.01 mm with NABL Accredited lab. Certificate	1	5000	5000
606.	129.	MACHINIST	Vernier Caliper	Depth 200 mm /8 inches with metric & inch scale (L.C. = 0.02mm) with NABL Accredited lab. Certificate	7	2500	17500
607.	130.	MACHINIST	Direct reading vernier caliper	0- 300 (direct reading with dial)	1	5000	5000
608.	131.	MACHINIST	Digital vernier caliper	0- 300 mm	1	5000	5000
609.	133.	MACHINIST	Vernier gear tooth caliper	Vernier gear tooth caliper	1	2000	2000
610.	134.	MACHINIST	Combination set	with 300 mm rule	1	4000	4000
611.	135.	MACHINIST	Vernier bevel protractor	with 150 m blade	1	2000	2000
612.	137.	MACHINIST	Telescopic Gauge	8 mm to 150 mm	1	2000	2000
613.	138.	MACHINIST	Sine Bar	200 mm	1	5000	5000
614.	140.	MACHINIST	Centre Gauge com.	60°, 55° and 29°	1	250	250
615.	143.	MACHINIST	Gauge - Radius Set	1 mm to 25 mm by 0.5 mm	1	350	350
616.	144.	MACHINIST	Limit plug gauges	5 mm to 25 mm by 2.5 mm	1	2000	2000
617.	145.	MACHINIST	Ring gauges	5 mm to 25 m by 2.5 mm (GO & NO GO)	1	3000	3000
618.	146.	MACHINIST	Taper gauge	M.T. No. 1, 2, 3, 4 & 5	1	5000	5000
619.	147.	MACHINIST	Gauge Feeler / Thickness	0.05 mm to 0.3 mm by 0.05 and 0.4 mm to 1 mm by 0.1 mm - 13 leaves	1	450	450
620.	148.	MACHINIST	Planer gauge standard size	Planer gauge standard size	1	1000	1000
621.	149.	MACHINIST	Magnifying glass	75 mm	2	75	150
622.	158.	MACHINIST	Slotter	180 mm stroke (motorized) with all attachments, Motor Capacity - 0.75 KW	1no.	187,000	187,000
623.	160.	MACHINIST	Tool and cutter grinder	250 mm to admit 450 m between center-fully motorized work head supplied with tool rest of different types table clamps and other attachments, 3.0KW	1 no.	300,000	300,000
624.	162.	MACHINIST	Radial drill	1200 mm area motorized with tapping attachment, 3.6KW	1no.	200,000	200,000
625.	170*	MACHINIST	CNC lathe/CNC turn Centre	CNC lathe/CNC turn Centre	1	3,000,000	3,000,000

626.	171 *	MACHINIST	CNC Vertical Machining Centre	CNC Vertical Machining Centre	1	4,000,000	4,000,000
627.	172*	MACHINIST	a) Simulator	a) Simulator	10	100,000	1,000,000
628.	*	MACHINIST	Air Conditioner - Split -	2.0 Ton	1	50,000	50,000
629.	173*	MACHINIST	CNC milling tools	CNC milling tools		200,000	200,000
630.	174*	MACHINIST	CNC hole machining tools	CNC hole machining tools		200,000	200,000
631.	2	FITTER	Try Square.	150 mm blade	42	250	10500
632.	3	FITTER	Caliper inside spring type	150 mm	8	100	800
633.	5	FITTER	Caliper outside spring type	150 mm	8	100	800
634.	7	FITTER	Scriber	150 mm	5	100	500
635.	8	FITTER	Centre Punch	10 mm and Length - 120 mm	25	150	3750
636.	9	FITTER	Screw driver	150mm insulated flat type	21	150	3150
637.	10	FITTER	Chisel cold flat	20 mm X 150 mm High carbon steel	25	150	3750
638.	11	FITTER	Hammer ball peen With handle	450 grams (1 lb)	8	350	2800
639.	12	FITTER	Hammer ball peen With handle.	220 grams (1/2 lb)	25	350	8750
640.	14	FITTER	File flat smooth	250 mm.	23	450	10350
641.	15	FITTER	File half round second cut	150 mm.	25	500	12500
642.	16	FITTER	Hacksaw frame fixed type	300 mm	17	150	2550
643.	41	FITTER	Drill twist straight shank	3 mm to 12 mm by 0.5 mm H.S.S.	2 set	3000	6000
644.	42	FITTER	Drill twist Taper shank	8 mm to 20 mm by 0.5 mm H.S.S.	2 set	4000	8000
645.	43	FITTER	Taps and dies (BSW) complete set in box.	Whitworth	1	2000	2000
646.	47	FITTER	File triangular smooth	200 mm	6	500	3000
647.	48	FITTER	File round second cut	200 mm	2	550	1100
648.	52	FITTER	File flat second cut safe edge.	300 mm	10	550	5500
649.	54	FITTER	File flat bastard.	300 mm	4	450	1800
650.	56	FITTER	File half round second cut.	250 mm	6	500	3000
651.	57	FITTER	File half round bastard.	250 mm	6	500	3000
652.	63	FITTER	Wooden handle forged Soldering Iron copper bit.	230V, 250 W, 350 gm	2	600	1200
653.	66	FITTER	Spanner adjustable	150 mm	2	200	400
654.	73	FITTER	Hand Reamer set (Taper pin straight flute)	Nominal Dia. 6, 8, 10, 12, 16mm	1 set	4000	4000

655.	74	FITTER	Machine Reamer parallel (Helical flute)	12 - 16mm set of 5.	1 set	4000	4000
656.	78	FITTER	Chisel cold cross cut & diamond point.	9 mm X 150 mm	6	400	2400
657.	82	FITTER	Pipe wrench	400 mm	1	500	500
658.	86	FITTER	Machine vice - Swivel Base	100 mm	1	4500	4500
659.	87	FITTER	Machine vice - Swivel Base	125 mm	1	4500	4500
660.	102	FITTER	Torque wrench (Standard type)	14 to 68 Nm	1	4000	4000
661.	103	FITTER	Power tools for fastening	Capacity 10-18mm	1	5000	5000
662.	104	FITTER	Different Profile gauges (Plate type) - For demonstration	Metric standard	4	1000	4000
663.	105	FITTER	Knurling tool (Diamond, straight & Diagonal)	Knurling tool (Diamond, straight & Diagonal)	1 set	500	500
664.	106	FITTER	Indexable boring bar with inserts	1" shank	4	1800	7200
665.	108	FITTER	Temperature gauge	Range 0 - 150°C	1	500	500
666.	111	FITTER	Lapping plate	Dia. -6"	2	1800	3600
667.	114	FITTER	Drill gauges	Letter drill gauge (A to Z), Number drill gauge (1 to 60), Metric drill gauge (1.5mm to 12.5mm, 30 holes)	1	450	450
668.	115	FITTER	Cast Iron Globe Valve (Flanged type)	150NB, Class# 150 Flange: ANSI125-B16.1	2	25000	50000
669.	116	FITTER	C.I. Gate valve (flanged type)	150NB, Class# 150 Flange:ANSI125-B16.1	2	18000	36000
670.	117	FITTER	Stop cock	25NB (2-way, Threaded end)	2	400	800
671.	120	FITTER	Slip-on Forged steel Flange	150NB, ANSI-B16.5, Class#150	4	3000	12000
672.	122	FITTER	Pipe threading die with handle	Ratchet type Die head of 1/2", 3/4" and 1"	2 set	2500	5000
673.	124	FITTER	Pulleys (for V-belt or Flat belt)	to fit on 50mm dia. Shaft with key slot	1	400	400
674.	130	FITTER	Hollow punch	Straight Shank Hollow Punch Sets 5-12mm	1	300	300
675.	132	FITTER	Bearing different types	each type of diameter 25mm (min.)	1 set	1200	1200

676.	133	FITTER	Lifting sling	8mm Nominal Dia. Single leg sling	2	500	1000
677.	134	FITTER	Bearing extractor	Universal gear puller 2 or 3 jaws adjustable	1	1600	1600
678.	135	FITTER	Pulley extractor	Universal gear puller 2 or 3 jaws adjustable	1	1600	1600
679.	143	FITTER	Snip bent Left Cut	250 mm	2	500	1000
680.	144	FITTER	Stake hatchet with Leg.	300 X 200 X 20 mm	2	600	1200
681.	145	FITTER	Stake grooving.	100 X 100 X 300 mm	2	600	1200
682.	148	FITTER	Gauge plug	Single ended 5 to 55 by 5 mm. Set of 11 pcs.	1	2500	2500
683.	156	FITTER	Digital Micrometer outside.	0 - 25 mm L.C. 0.001 mm.	1	5500	5500
684.	197	FITTER	Compressor unit	suitable for Pressure: 8 bar, Delivery: 50 lpm (or more), Reservoir capacity: 24 Litres (or more), 230V, 50 Hz, with pressure regulator and water separator	1	50000	50000
			Pneumatic Trainer Kit, each consisting of the following matching components and accessories:	Pneumatic Trainer Kit, each consisting of the following matching components and accessories:	1	150000	150000
			I. Single acting cylinder	Max. stroke length 50 mm, Bore dia. 20 mm	1		
			II. Double acting cylinder	Max. stroke length 100 mm, Bore dia 20 mm, magnetic type	1		
			III. 3/2-way valve	manually-actuated, Normally Closed	2		
			IV. 3/2-way valve	pneumatically-actuated, spring return	1		
			V. One-way flow control valve	One-way flow control valve	2		
			VI. 5/2-way valve	with manually-operated switch	1		
			VII. 5/2-way valve	pneumatically-actuated, spring return	1		
			VIII. 5/2-way pneumatic actuated valve	double pilot	1		

685	198	IX. 3/2-way roller lever valve	direct actuation Normally Closed	2		
		X. Shuttle valve (OR)	Shuttle valve (OR)	1		
		XI. Two-pressure valve (AND)	Two-pressure valve (AND)	1		
		XII. Pressure gauge	0-16 bar	1		
		XIII. Manifold with self-closing	NRV, 6-way	1		
		XIV. Pushbutton station for electrical signal input	with 3 illuminated momentary-contact switches (1 NO + 1 NC) and 1 illuminated maintained- contact switch (1 NO + 1 NC), Contact load 2A	1		
		XV. Relay station	with 3 relays each with 4 contact sets (3NO+1NC or Change-over type), 5 A	1		
		XVI. 3/2-way single solenoid valve	with LED	1		
		VII. 5/2-way single solenoid valve	with manual override and LED	1		
		VIII. 5/2-way double solenoid valve	with manual override and LED	1		
XIX. Power supply unit,	Input voltage 85 – 265 V AC, Output voltage: 24 V DC, Output current: max. 4.5 A, short-circuit-proof.	1				
XX. Profile plate, Anodised	1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the pneumatic workstation)	1				

686	199	FITTER	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.	1	20000	20000
687	200	FITTER	Carrier for mounting components, such as PB & relay boxes.	Carrier for mounting components, such as PB & relay boxes.	1	70000	7,000
688	201	FITTER	Cut section model for pneumatic components	Cut section model for pneumatic components	1	20000	20,000
			Hydraulic Trainer Kit, each consisting of the following matching components and accessories:	Hydraulic Trainer Kit, each consisting of the following matching components and accessories:	1	180000	180,000
			I.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.	1		
			II.Pressure relief valve	pilot-operated	1		
			III.Drip tray, steel	size 1160 mm x 760 mm.	1		
			IV.Pressure Gauge	Glycerin-damped, Indication range of: 0 – 100 bars	1		

689	202	V.Four-Way distributor	with five ports, equipped with a pressure gauge	1		
		VI.Double acting hydraulic cylinder	with a control cam, Piston diameter16 mm, Piston rod diameter10 mm, Stroke length 200 mm.	1		
		VII.Suitable Weight	for vertical loading of hydraulic cylinder	1		
		VIII.Mounting kit for weight	for realizing pulling and pushing load.	1		
		IX.3/2-way directional control valve	with hand lever actuation.	1		
		X.4/2-way directional control valve	with hand lever actuation.	1		
		XI.4/3-way directional control valve	closed-centre position, with hand lever actuation.	1		
		XII.Non-return valve.	Non-return valve.	1		
		XIII.Pilot-operated check valve	Pilotto open.	1		
		XIV.One-way flow control valve	Withintegrated check valve.	1		
		XV.T-Connector with self sealing coupling nipples (2 Nos.) and quick coupling socket (1 No.).	T-Connector with self sealing coupling nipples (2 Nos.) and quick coupling socket (1 No.).	2		
		XVI.Profile plate,	Anodised Aluminium, 1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the Hydraulic workstation)	1		

690	203	FITTER	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 m and (3) Drawer slide height (Approx.) 85mm.	1	20,000	20,000
691	204	FITTER	Cut-section models for hydraulic components	Cut-section models for hydraulic components	1	20,000	20,000
692	155	MAEE	Air Bag Simulator	Air Bag Simulator	1	50000	50000
693	156	MAEE	Air conditioned MPFI Vehicle with auto transmission and accessories	Air conditioned MPFI Vehicle with auto transmission and accessories	1	800000	800000
694	157	MAEE	Air conditioning service unit (Car)	Air conditioning service unit (Car)	1	40000	40000
695	158	MAEE	Air conditioning trainer kit	Air conditioning trainer kit	1No	20000	20000
696	159	MAEE	Alternator assembly used for LMV	Alternator assembly used for LMV	1No	6000	6000
697	160	MAEE	Arbor press hand operated 2 Ton capacity	Arbor press hand operated 2 Ton capacity	1No	4500	4500
698	161	MAEE	Cut section model of Mock layout of motor car-electrical system-working model	Cut section model of Mock layout of motor car-electrical system-working model	1	95000	95000
699	162	MAEE	Demonstration board ignition system, ignition coil	Demonstration board ignition system, ignition coil	1 set	30000	30000
700	163	MAEE	Demonstration board of CRDI system working model	Demonstration board of CRDI system working model	1	90000	90000
701	164	MAEE	Demonstration board of MPFI system working model	Demonstration board of MPFI system working model	1	90000	90000
702	165	MAEE	Discrete Component Trainer/Basic Electronics Trainer	Discrete Component Trainer/Basic Electronics Trainer	1	40000	40000

703	167	MAEE	Electronic Engine control module	A Standard Electronic Engine Control module used in Light Motor Vehicle.	1 set	100000	100000
704	168	MAEE	Grinding machine (general purpose) D.E.pedestal with 300 mm dia	Grinding machine (general purpose) D.E.pedestal with 300 mm dia	1No	20000	20000
705	169	MAEE	Memory keeper/battery backups	Memory keeper/battery backups	1No	15000	15000
706	170	MAEE	Multi Scan tool /ECU diagnostics kit	Multi Scan tool /ECU diagnostics kit	1	250000	250000
707	171	MAEE	Petrol Engine (4 stroke) Motor cycle/scooter along with special tools and accessories	Petrol Engine (4 stroke) Motor cycle/scooter along with special tools and accessories	1	70000	70000
708	172	MAEE	Starter motor axial type,pre-engagement type and coaxial type	Starter motor axial type,pre-engagement type and coaxial type	1No	15000	15000
709	173	MAEE	Trolley type portable air compressor single cylinder with 45 liters capacity Air	Trolley type portable air compressor single cylinder with 45 liters capacity Air	1	45000	45000
710	174	MAEE	Ultrasonic Injection cleaning equipment	Ultrasonic Injection cleaning equipment	1	55000	55000
711	175	MAEE	Wiper Motor assembly	Wiper Motor assembly	2	20000	40000
712	176	MAEE	Working model of Power Window	Working model of Power Window	1	30000	30000
713	219	MAEE	Tool cabinet	6.5' x 3' x 1.5'	2	15000	30000

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