

Part C: Procurement Plan Procurement Plan: IMC to submit the procurement

- i. Total Planned Procurement Amount (Year 1 to Year 5): _____ (in II
 ii. Year –wise details of procurement of items (Goods, services etc.) are det

A. Items to be procured in Year-1

Sr.No	Name of items Specifications	Trade/Course for which it is required
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1	Surface plate 400 mm x 400mm grade	Machinist
2	Marking off table 1200 x 1200 x 600 mm high	Machinist
3	Straight edge steel 1 meter	Machinist
4	Straight edge steel 500 mm	Machinist
5	Hammer lead 1 kg.	Machinist
6	Adjustable spanner 300 mm	Machinist
7	Reduction sleeve Morse 1-1, 3-1, 4-1, 4-2, 5-1, 5-2, 6-1,	Machinist
8	Angle plate adjustable 250 x 150 x 175 mm	Machinist
9	Number drills H.S.S. (parallel shank)	Machinist
10	Grinding wheel dresser Huntington type	Machinist
11	Punch letter set 3mm	Machinist
12	Punch number set 3mm	Machinist
13	Drill Chuck 0-13mm with taper shank	Machinist
14	Grinding wheel dresser Huntington type	Machinist
15	Drill H.S.S. taper shank (6 mm to 12 mm in step of 0.5 mm)	Machinist
16	Reamer adjustable 10 mm to 15 mm by 75 mm	Machinist
17	Table chuck 75 mm jaw swivel base	Machinist
18	Hand vice 50 mm jaw	Machinist
19	Radius turning attachment	Machinist
20	Compound angle vice (standard sine)	Machinist
21	Universal machine vice 100 mm	Machinist
22	Universal table angle plate 150× 150× 150mm	Machinist
23	Shaper tool holder turret type	Machinist
Tool List for Electrical and Sensors (i) Tool list for Electrical		
24	Digital Multimeter 0-500 V	Machinist
25	Variable resistance box Resistors with 220Ω, 150Ω, 1kΩ, 33Ω, 100Ω, 1.2Ω	Machinist
26	DC Battery with cap 9V	Machinist
27	Dual Power supply 230V, 50Hz, Fuse-800mA	Machinist
28	Solder Iron (350V), Solder lead, PCB board (Groove Board), Solder Wick	Machinist

29	Inductor (400 Turns, 200 Turns, 600 Turns, 1200 Turns) , I-Core, E-core, U-core, Laminated core	Machinist
30	Relay (5V), LED (5V)	Machinist
31	Function Generator (230V, 50Hz, Watts-12VA, Fuse-150mA)	Machinist
32	Bread Board	Machinist
33	Synchronous Motor (240V,60rpm), Capacitor For synchronous motor (0.8mf ±5% 450 VAC)	Machinist
34	Powe Cord Connecting Probes, Single strand & multi strand wires	Machinist
(ii)Tool List fof Sensors		
35	Power Supply (0-30 V DC , 3A)	Machinist
36	Sensor Kit	
	I. Mounting Plate	Machinist
	II. Power distribution box(24V DC , 4A)	
	III. Counter Box (10-30 V DC/0.05A)	
	IV. Indication Box (24V DC)	
	V. Material Box	
	VI. Inductive Sensor (10-30V DC , PNP, NO, 5mm (Range))	
	VII. Capacitive Sensor (10-30V DC , PNP, NO, 2-8 mm (Range))	
	VIII. Magnetic Sensor (10-60V DC , PNP, NO, 60mm (Range))	
	IX. Ulterasonic Sensor (20-30V DC , PNP, NO, 80-300mm (Range))	
	X. Connecting Wires	
	XI. Motor With Control Unit (24V, 1 A)	
37	Milling Cutter-Cylindrical cutter Ø63mm, 90mm length and 27mm bore dia	Machinist
38	Milling Cutter-Cylindrical cutter Ø80mm, 90mm length and 27mm bore dia	Machinist
39	Milling Cutter-Side and face cutter dia 80 x 8x27mm	Machinist
40	Milling Cutter-Equal angle cutter 45°/100mm× 27mm bore dia	Machinist
41	Milling Cutter-Equal angle cutter 45°/100mm× 27mm bore dia	Machinist
42	Milling Cutter-Equal angle cutter 90°/100mm× 27mm bore dia	Machinist
43	Milling Cutter-Double angle unequal cutter 50 x 12 x 27mm bore dia 55°	Machinist
44	Milling Cutter-Double angle unequal cutter 50 x 12 x 27mm bore dia 60°	Machinist
45	Milling Cutter-Doubble angle unequal cutter 63 x 18 x 27mm Bore Dia 70°	Machinist
46	Milling Cutter-Single angle cutter 63 x 18 x 45° RH 27mm Bore Dia	Machinist
47	Milling Cutter-Single angle cutter 63 x 18 x 45° LH 27mm Bore Dia	Machinist

48	Milling Cutter-Single angle cutter 63 x 18 x 60° LH 27mm Bore Dia	Machinist
49	Milling Cutter-Single angle cutter 63 x 18 x 60° RH 27mm Bore Dia	Machinist
50	Milling Cutter-Slitting Saw cutter Ø 75 x 3 X Ø 27 mm	Machinist
51	Milling Cutter-Slitting Saw cutter Ø 100 x 6 X Ø 27 mm	Machinist
52	Milling Cutter-Shell End Mill Ø 50 x 36 x 27 (preferably inserted tip type)	Machinist
53	Milling Cutter-Shell End Mill Ø 75 mm x 50 x Ø 27 (preferably inserted tip type)	Machinist
54	Micrometer Outside 75-100mm Reading 0.01mmwith NABL Accredited Lab.Certified	Machinist
55	Digital vernier caliper 0- 300 mm	Machinist
56	Vernier gear tooth caliper	Machinist
57	Combination set with 300 mm rule	Machinist
58	Slip Gauge Box Metric-87 Pieces Set	Machinist
59	Planer gauge standard size	Machinist
60	First Aid Box	Machinist
61	CNC Lathe /CNC Turn Centre Specification as per Annex-A	Machinist
62	CNC Vertical Machining Centre Specification as per Annex-A	Machinist
63	a) Simulator b) Desktop Computers Specification as per Annex-A	Machinist
64	CNC Milling Tools Specification as per Annex-A	Machinist
65	CNC Hole Machining Tools Specification as per Annex-A	Machinist
66	LCD Projector / Large TV	Machinist
67	Scissors Blade SS 200mm	Electrician
68	Wire cutter & stripper 150 mm	Electrician
69	Outside Calliper 150mm spring type	Electrician
70	Inside Calliper 150mm spring type	Electrician
71	Divider 150mm spring type	Electrician
72	Pliers long nose insulated 150 mm	Electrician
73	Gauge, wire imperial stainless steel marked in SWG & MM, wire gauge metric	Electrician
74	Copper bit soldering iron 0.25 kg.	Electrician
75	Hand Vice 50 mm jaw	Electrician
76	Fuses HRC, Glass, Rewire Type	Electrician
77	Bus Bar with brackets 01meter each	Electrician
78	RCC Pole with accessories (Msangle iron, ' C ' Clamp, Stay insulator etc.) and materials 6mtr.	Electrician
79	A.C. Voltmeter M.I. Analog, portable box type housed in Bakelite case, Multi range 75V-150V- 300V-600	Electrician
80	Digital Wattmeter 230V, 1KW,50Hz	Electrician

81	Power factor meter Digital. 440V, 20A Three phase potable box type	Electrician
82	Techometer. Analog type- 10000RPM	Electrician
83	Phase sequence Indicator 3phase 415V	Electrician
84	AC Starters:-Star Delta StarterSoft Starter. for 2 to 5 H.P. A.C Motors	Electrician
85	Temprature Controlled Soldering Iron 50 Watt, 230 Volt.	Electrician
86	Domestic Appliances:- a. Electric Induction Plate 1500 Watt, 240V,	Electrician
87	Solar Panel With Battery 18 Watt	Electrician
88	Pattren Hanging Stand	Sweing Technology
89	stand For Hanging dresses	Sweing Technology
90	Trial Room with Three side Mirrors Of size 150cm x 60 cm each witch arrangements of hanging dresses	Sweing Technology
91	Electric automatic steam press	Sweing Technology
92	Double needle machine	Sweing Technology
93	Bar tack machine	Sweing Technology
94	feed off the arm double needle	Sweing Technology
95	Machine attetchments	Sweing Technology
96	chairs wuth low back rest or stools for the machines	Sweing Technology
97	Drafting table	Sweing Technology
98	Display Board covered with glass acrylic sheet120x90cm	Sweing Technology
99	white board with accessories	Sweing Technology
100	dummy Lady , Men , Kid (Different size)	Sweing Technology
101	Revolving Chair without arms	Sweing Technology
102	Faculty Table and chair	Sweing Technology
103	Computer set with UPS & media projector	Sweing Technology
104	white magnetic board with accessories	Sweing Technology
105	Chisel cold flat 10 cm	Fitter (2nd Unit)
106	File flat 25 cm. second cut	Fitter (2nd Unit)
107	File flat 25 cm. smooth	Fitter (2nd Unit)

108	Anti theft device	MMV
109	Auto Electrical test bench	MMV
110	Cleaning tray 45x30 cm.	MMV
111	Cut section Model of Mock layout of a motor car -electrical system working model	MMV
112	Cut section of cross ply and radial tyres	MMV
113	Cut section working model of automatic transmission Gear box	MMV
114	Cut section working model of centrifugal clutch assembly	MMV
115	Cut section working model of Diaphragm clutch assembly	MMV
116	Cut section working model of Single plate clutch assembly	MMV
117	Demonstration board of MPFI system	MMV
118	Functional/experiment model of different type of sensors	MMV
119	Lifting jack screw type 3 ton, 5ton & 20 Ton capacity	MMV
120	Oil Stone 15 cm x 5 cm x 2.5 cm	MMV
121	Oscilloscope 20MHz	MMV
122	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)	MMV
123	Steel measuring tape 10 meter in a case	MMV
124	Steering assembly - 1.Rack & pinion, 2.Worm & roller 3. Recirculating ball, 4.Power steering	MMV
125	Telescope gauge	MMV
126	Thermostat	MMV
127	Tubed tyre of car, trucks & motorcycle	MMV
128	Tubeless tyre of cars & trucks	MMV
129	vernier caliper 0-300 mm with least count 0.02mm	MMV
130	Wiper motor assembly	MMV
131	Working Model of power windows	MMV
132	Working model of torque converter	MMV
133	Automotive exhaust 5 gas analyzer (petrol & Diesel) or Diesel Smoke Meter	MMV
134	Dual Magnetization Yoke : AC / HWDC, 230 VAC, 50Hz	MMV
135	Four stroke petrol engine with CNG setup-working condition	MMV
136	Gas Welding Table 1220mm x760mm	MMV
137	Grinding machine (general purpose) D.E. pedestal with 300 mm dia wheels rough and smooth	MMV
138	Hand operated Hydraulic press	MMV
139	Liquid penetrant Inspection kit	MMV

140	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling	MMV
141	Multi Scan Tool with oscilloscope	MMV
142	Pipe Bending Machine (Hydraulic type) 12mm to 30mm	MMV
143	Pneumatic rivet gun with standard accessories	MMV
144	Spring tension tester	MMV
145	Tin smiths bench folder 600 x 1.6mm	MMV
146	Tube/ tyre vulcanizing machine	MMV
147	Welding plant Oxy-Acetylene complete (high pressure)	MMV
148	Welding Transformer (150-300 Amps)	MMV
149	Wheel alignment Machine –computerised 3D	MMV
150	Working Condition of Diesel Engine – CRDI - 4 stroke Engine Assembly with fault simulation board	MMV
151	Working Condition of Petrol MPFI Engine Assembly with fault simulation board	MMV
152	Book shelf (glass panel) 6½ ` x 3' x 1½'	MMV
153	Computer Chair	MMV
154	Computer Table	MMV
155	Desktop computer and related MS office software	MMV
156	Discussion Table 8' x 4' x 2½ `	MMV
157	Laser printer	MMV
158	LCD projector/ LED /LCD TV (42")	MMV
159	Online UPS 2KVA	MMV
160	Storage Rack 6½ ` x 3' x 1½'	MMV
161	computer set with UPS and multimedia projector	SOT Emb.
162	computer table	S/H
163	Revolving chair	S/H
164	Microphone system	S/H
165	Computer With lates configurations	S/H
166	LaptopWith lates configurations	S/H
167	Printer table	S/H
168	Glazed white mag. Board	S/H
169	Interactive board	S/H
170	U.P.S 500 V.A computer	S/H
171	FAX machine	S/H
172	L.C.D Projector and L.E.D T.V 36"	S/H
173	Projector	S/H
174	Scaner	S/H
175	Almirah 1800 x 900 x 450 mm	FITTER
176	Different Profile gauges (Plate type) - For demonstration Metric standard	FITTER

177	Machine maintenance manual for Lathe, Pedestal grinder, Drill machine, Power saw	FITTER
178	Dowel pin (straight) Dia. -1" Length -4" (Mat: Stainless Steel)	FITTER
179	Standard Tap screws M3, M4, M5, M6, M8, M10, M12, M14, M16	FITTER
180	Lapping plate Dia. -6"	FITTER
181	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
182	Caps screws M6, M8, M10, M12	FITTER
183	Cast Iron Globe Valve (Flanged type) 150NB, Class# 150 Flange:ANSI125-B16.1	FITTER
184	C.I. Sluice / Gate valve (flanged type)150NB, Class# 150 Flange:ANSI125-B16.1	FITTER
185	Stop cock 25NB (2-way, Threaded end)	FITTER
186	M.S. Pipe 150NB, Sch.40, ERW, IS:1239	FITTER
187	G.I. Pipe 25mm, Sch.40, ERW	FITTER
188	Slip-on Forged steel Flange150NB, ANSI-B16.5, Class#150	FITTER
189	Bolt & Nut with washer (May be manufactured in-house) M20x2.5x90Long (part thread - Hex. Head)	FITTER
190	Pipe threading die with handle Ratchet type Die head of 1/2" , 3/4" and 1"	FITTER
191	Jigs & Fixture (sample)-For demonstration (May be manufactured in-house)	FITTER
192	M. S. Shaft (May be manufactured in-house) Bright M.S. Round bar 80mm,600mm long,stepped 0mm on 300mm one end	FITTER
193	Pulleys (for V-belt or Flat belt) to fit on 50mm dia. Shaft with key slot	FITTER
194	Steel keys (May be manufactured in-house) to fit with keyslot of shaft & pulley	FITTER
195	Damaged old spur gear to fit 50mm dia. Shaft	FITTER
196	V-belt and Flat belt to fit on pulley	FITTER
197	Packing gasket PTFE gasket roll small size	FITTER
198	Washer, clutch, keys, jib, cotter & circlip minimum 25mm size, carbon steel material	FITTER
198	Bearing different types each type of diameter 25mm (min.)	FITTER
198	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)	FITTER

199	Pneumatic Trainer Kit, each consisting of the following matching components and accessories:	FITTER
	I. Single acting cylinder Max. stroke length 50 mm, Bore dia 20 mm	FITTER
	II. Double acting cylinder Max. stroke length 100 mm, Bore dia 20 mm, magnetic type	FITTER
	III. 3/2-way valve manually-actuated, Normally Closed	FITTER
	IV. 3/2-way valve pneumatically-actuated, spring return	FITTER
	V. One-way flow control valve	FITTER
	VI. 5/2-way valve with manually-operated switch	FITTER
	VII. 5/2-way valve with manually-operated switch	FITTER
	VIII. 5/2-way pneumatic actuated valve double pilot	FITTER
	IX. 3/2-way roller lever valve direct actuation Normally Closed	FITTER
	X. Shuttle valve (OR)	FITTER
	XI. Two-pressure valve (AND)	FITTER
	XII. Pressure gauge 0-16 bar	FITTER
	XIII. Manifold with self-closing NRV, 6-way	FITTER
	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	FITTER
	XV. Relay station with 3 relays each with 4 contact sets (3NO+1NC or Change-over type), 5 A	FITTER
	XVI. 3/2-way single solenoid valve with LED	FITTER
	XVII. 5/2-way single solenoid valve with manual override and LED	FITTER
	XVIII. 5/2-way double solenoid valve with manual override and LED	FITTER
	XIX. Power supply unit, Input voltage 85 – 265 V AC, Output voltage: 24 V DC, Output current: max. 4.5 A, short-circuit-proof.	FITTER
	XX. Profile plate, Anodised Aluminium 1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the pneumatic workstation)	FITTER

200	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) Work Table – Size(Approx.) 1200mmXW900mmXH900mm, 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.) - L470mmxW495mmxH825mm and and (3) Drawer slide height (Approx.) 85mm.	FITTER
208	Carrier for mounting components, such as PB & relay boxes.	FITTER
209	Cut section model for pneumatic components	FITTER
210	Hydraulic Trainer Kit, each consisting of the following matching components and accessories:	FITTER
	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 valveadjustable from 0 – 60 bar, (3) oil reservoir, ≥5 litres capacity having sight glass, drain screw, air filter, and P and T ports.	FITTER
	II. Pressure relief valve pilot-operated	FITTER
	III. Drip tray, steel size 1160 mm x 760 mm.	FITTER
	IV. Pressure Gauge Glycerin-damped, Indication range of: 0 – 100 bar	FITTER
	V. Four-Way distributor with five ports, equipped with a pressure gauge	FITTER
	VI. Double acting hydraulic cylinderwith a control cam, Piston diameter16 mm, Piston rod diameter10 mm, Stroke length 200 mm.	FITTER
	VII. Suitable Weight for vertical loading of hydraulic cylinder	FITTER
	VIII. Mounting kit for weight for realizing pulling and pushing load.	FITTER
	IX. 3/2-way directional control valve with hand lever actuation	FITTER
	X. 4/2-way directional control valve with hand lever actuation	FITTER
	XI. 4/3-way directional control valve closed-centre position, with hand lever actuation.	FITTER

	XII. Non-return valve.	FITTER
	XIII. Pilot-operated check valve pilot to open	FITTER
	XIV. One-way flow control valve with integrated check valve	FITTER
	XV. T-Connector with self sealing coupling nipples (2 Nos.) and quick coupling socket (1 No.).	FITTER
	XVI. Profile plate Anodised Aluminium, 1100x700 mm, with carriers, mounting frames and mounting accessories (To be fitted onto the Hydraulic workstation)	FITTER
201	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) Work Table – Size(Approx.) L1200mmXW900mmXH900mm, 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.) - L470mmxW495mmxH825mm and(3) Drawer slide height (Approx.) 85mm.	FITTER
202	Cut-section models for hydraulic components	FITTER
203	Swage block 35 x 35 x 12 cm.	FITTER
204	Arm strong type tool bit holder R.H.	FITTER
205	Arm strong type tool bit holder L.H.	FITTER
206	Arm strong type tool bit holder straight.	FITTER
207	Digital Micrometer 0 – 25 mm outside. L.C. 0.001 mm.	FITTER
208	Digital Vernier caliper 0-150mm L.C.0.001mm (Optional)	FITTER
209	SS and SC centre lathe (all geared) with Minimum centre height 6"/150 mm & length 4.5"/ 1400 mm along with 3, 4 jaw chuck, auto feed system, coolant arrangement, lightening lamp, taper turning attachment, safety guard & standard accesories.	FITTER
210	Portable Gas Cutting Machine capable of cutting straight & cerculler with all accessories	Welder
211	AG 4 Grinder	Welder
212	Portable Arc Welding Set With all Acessories	Welder
213	Hand drill With hammering up to 20 mm	Welder
214	SCREW DRIVER SET(SET OF 7)	TPES
215	SOLDERING IRON CHANGEABLE BITS	TPES

216	DE SOLDERING PUMP ELECTRICAL HEATED, MANUAL OPERATORS	TPES
217	PRECISION SET OD SCREW DRIVER T5,T6,T7	TPES
218	TWEEZERS -BEND P	TPES
219	CRIMPING TOOL(PLIERS) 7 IN 1	TPES
220	ALLEN KEY SET(HEXAGONAL-SET OF 9)(1- 12MM,SET OF 24 KEYS)	TPES
221	HAND DRILL MACHINE ELECTRIC WITH HAMMER AC ON (13MM)	TPES
222	BENCH VICE 125MM,100MM,50MM	TPES
223	DC REGULATED VARIABLE PROGRAMMABLE POWER DC SUPPLY 0-30V/3A	TPES
224	SIGNAL GENERATOR WITH DIGITAL DISPLAY FOR FREQUENCY AMPLITUDE 10HZ TO 100KHZ,50/600 OHMS (OUTPUT IMPEDANCE	TPES
225	BATTERY CHARGER 0-6-9-12-24,15 AMPS	TPES
226	FUNCTION GENERATOR (DDS TECHONOLOGY)(SINE ,SQUARE,TRIANGLE,RAMP,PULSE,SERIAL DATA, TTL AND MODULE OM)	TPES
227	MILLI AMMETER(AC) 0-200MA	TPES
228	MILLI AMMETER(DC) 0-500MA	TPES
229	POWER ELECTRONICS TRAINER WITH AT LEAST 6 NOS OF APPLICATION ON BOARD 1.MOSFET CHARACTERICS 2. SCR CHARACTERICS 3 SCR LAMP FLASHER 4 SCR ALARM CIRCUIT 5 SRIES INVERTER, SINGLE PHASE PWM INVERTER	TPES
230	LAPTOPS LATEST CONFIGURATION	TPES
231	AC MOTOR TRAINER KIT 1/4 HP MOTOR SINGLE PHASE CONTACTORS,RELAY,MCB,DOL STARTER	TPES
232	APPLICATION ON KITS MICROCONTROLLERS 6 DIFFERENT APPLICATIONS INPUT INTERFACE,4X4 MATRIX KEYPAD, ASCII KEY PAD,4 IN PUT SWITCH,DISPLAY MODULE 16X2 LCD, SEVEN SEG MENT,LED BAR GRAPH,ADC/DAC MODULE WITH MOST POPULAR DC /DAC 0808,PC INTERFACE, RS232 AND USB ,MOTOR DRIVE, DC,SERVO,STREPPER,DAQ,DATA ACQUISITION ON TO SENCE THE DIFFERENT SENSOR SIGNAL	TPES

233	SENSOR TRAINER KIT CONTAINING FOLLOWING SENSORS 1 THERMOCOUPLE 2 RTD 3 LOAD CELL/STRAIN GAUGE 4 LVDT 5 SMOKE DETECTOR SENSORS ,LIMIT SWITCH, GRAPHICAL TOUCH LCD WITH IN BUILT PROCESSOR FOR VIEWING THE OUTPU WAVE FORM, INBUILT DAQ, STANDRAD PROCESSING CIRCUIT LIEK INVERTING , NONINVERTING , POWER, CURRENT INSTRUMENTATION , DIFFERENTIAL AMPLIFIER, F/V,V/F,V/I,I/V CONVERTER	TPES
234	PRECISION SET OF SCREWDRIVERS-	TPES
235	UPS TRAINER PWM SWITCHING TECHNOLOGY, TEST POINT TO MEASURE THE VOLTAGE OF DIFFERENT SECTIONS , OVERALL FUNCTIONING OF UPS TRAINER, AVR TRANSFORMER , UPS WITH LOAD CONDITION	TPES
236	ALLEN KEY SCREWDRIVER	TPES
237	JACKET STRIPPER / CORING TOOL FOR 500 SERI	TPES
238	CENTER CONDUCTOR CLEANER	TPES
239	UNIVERSAL DROP TIMMER FOR RG 6/11 CABLES	TPES
240	F-CONNECTOR TOOL FOR RG 6/11 CABLES	TPES
241	F-CONNECTOR COMPRESSION TOOL FOR RG 6/11	TPES
242	SOLAR TRAINING KIT/SIMULATOR WITH BUILT IN METERS FOR DCV, DCA,AC MULTIFUNCTION METER(FOR ACI, ACV,POWER,FREQUENCY),PROTECTION CIRCUIT,BS-10 TERMINALS FOR MAKING THE CONNECTIN ,SINGLE/DUAL AXIS TRACTING SYSTEM, CHARGE CONTROLLER,PWM BASED MPPT, CHARGING STAGE BULK, ABSORPTIONS STATE AND FLOT	TPES
243	LED LIGHTING SYSTEM	TPES
244	TUBULAR BOX SPANNER SET (SET -6-32)	TPES
245	FIBER OPTIC COMMUNICATION TRAINER FULL DUPLEX ANALOG AND DIGITAL TRANS RECEIVER WITH 660 NANO METER AND 950NM, NOISE GENERATOR WITH VARIABLE GAIN, FOUR, SEVEN SEGMENT DISPLAY BIT ERROR RATE COUNTER , EYE PATTERN	TPES

246	PLC SYSTEM WITH DIGITAL I/P, O/P MODULE TRAINER KIT AND SOFTWARE 1. 6 DIGITAL INPUTS (24VDC) 2 4 DIGITAL O/P (24 VDC),2KWORDS MEMORY , 256 WORDS OF REGISTER,POWERFULL FEATURE LIKE BUILT IN FLOTING POINT, SUB ROUTINE ETC, 1RS232C COMMUNICATOIN FACILITY FO R PC INTERFACE,3 CHANNELS CAN BE CAN FIGURE AS PWM OR PULSE TRaine O/P OR HIGH SPEED COUNTER INPUT	TPES
247	DIGITAL MULTIMETER 3.3/4 DIGIT (4000 COUNT	TPES
248	CHISEL COLD FLAT 10MMX150MM	TPES
249	OP TRAINER +15V,-15V,+12V,-12V,+5V FIXED DC POWER SUPPLY,8PIN ZIF SOCKET, 16 PIN ZIF SOCKET RESISTER BANK,CAPACITOR BANK, POTENTION METER, BREAD BOARD, OSCILLATOR(SINE, SQUARE, TRINGULAR WAVE FORM	TPES
250	DIGITAL AND ANALOG IC TESTER	
251	Steel Rule 15cm with metric graducation	FITTER 3rd shift
252	Try Square 15 cm Blade	FITTER 3rd shift
253	Caliper Inside 15 cm Spring	FITTER 3rd shift
254	Caliper 15 cm hermaphrodite	FITTER 3rd shift
255	Caliper outside 15 cm spring	FITTER 3rd shift
256	Divider 15 cm spring	FITTER 3rd shift
257	Straight Scriber 15 cm.	FITTER 3rd shift
258	Centre Punch 10 mm and length-120mm	FITTER 3rd shift
259	Screw driver 15 cm	FITTER 3rd shift
260	Chisel cold flat 20x150mm	FITTER 3rd shift
261	Hammer ball peen 0.45 kg. With handle	FITTER 3rd shift
262	Hammer ball peen 0.22 kg. With handle.	FITTER 3rd shift
263	File flat 25 cm. second cut	FITTER 3rd shift
264	File flat 25 cm. smooth	FITTER 3rd shift
265	File half round second cut 15 cm.	FITTER 3rd shift
266	Hacksaw frame fixed 30 cm.	FITTER 3rd shift

267	Safety goggles.	FITTER 3rd shift
268	Dot slot punch 10 cm.	FITTER 3rd shift
269	Chisel cold flat 10 cm	FITTER 2nd unit
270	File flat 25 cm. second cut	FITTER 2nd unit
271	File flat 25 cm. smooth	FITTER 2nd unit
1	Connecting screwdriver 10 x100mm	Mechanic Electro
2	Neon tester 500 V.	Mechanic Electro
3	Screw driver set of 7	Mechanic Electro
4	Insulated combination pliers 150 mm	Mechanic Electro
5	Insulated side cutting pliers 150 mm	Mechanic Electro
6	Long nose pliers 150 mm	Mechanic Electro
7	Soldering iron 25 Watt, 240 Volt	Mechanic Electro
8	Electrician knife 100mm	Mechanic Electro
9	Tweezers 150mm	Mechanic Electro
10	Digital Multimeter (3 3/4 digit) ,4000 Counts	Mechanic Electro
11	Soldering Iron Changeable bits 15Watt, 240 Volt	Mechanic Electro
12	De- soldering pump electrical heated, manual operators 230 volt 40 watt	Mechanic Electro
13	Lists of Tools	
14	Steel rule graduated both in Metric and English Unit 300mm	Mechanic Electro
15	Precision set of screw drivers T5,T6,T7	Mechanic Electro
16	Tweezers - Bend tip	Mechanic Electro
17	Steel measuring tape 3 meter	Mechanic Electro
18	Tools makers vice 100mm (clamp)	Mechanic Electro
19	Tools maker vice 50mm (clamp)	Mechanic Electro
20	Crimping tool (pliers 7 in 1	Mechanic Electro
21	Magneto spanner set 8 Spanners	Mechanic Electro
22	File flat bastard 200mm	Mechanic Electro
23	File flat second cut 200mm	Mechanic Electro
24	File flat smooth 200mm	Mechanic Electro
25	Plier - Flat Nose 150 mm	Mechanic Electro
26	Round Nose pliers 100 mm	Mechanic Electro
27	Scriber straight 150 mm	Mechanic Electro
28	Hammer ball pen 500 grams	Mechanic Electro
29	Allen key set (Hexagonal -set of 9) 1 - 12 mm, set of 24 Keys	Mechanic Electro
30	Tubular box spanner Set - 6 - 32 mm	Mechanic Electro
31	Magnifying lenses 75 mm	Mechanic Electro
32	Continuity tester	Mechanic Electro
33	Hacksaw frame adjustable 300 mm	Mechanic Electro
34	Chisel - Cold - Flat 10 mm X 150 mm	Mechanic Electro
35	Scissors 200mm	Mechanic Electro

36	Handsaw 450mm Hand Saw - 450 mm	Mechanic Electro
37	Hand Drill Machine Electric with Hammer Action 1	Mechanic Electro
38	First aid kit	Mechanic Electro
39	Bench Vice Bench Vice - 125 mm B ench Vice - 100 mm Bench Vice - 50 mm List	Mechanic Electro
40	List of Equipments	
41	Dual DC regulated power supply 30-0-30 V, 2 Ar	Mechanic Electro
42	LCR meter (Digital) Handheld	Mechanic Electro
43	CRO Dual Trace 20 MHz (component testing facil	Mechanic Electro
44	Signal Generator with Digital Display for Frequency Amplitude 10 Hz to 100 Khz, 50/600 Ohms (output impedance	Mechanic Electro
45	Battery Charger 0 - 6 - 9 - 12 - 24 - 48 V, 30 Am	Mechanic Electro
46	Analog multimeter	Mechanic Electro
47	Clamp meter 0 - 10 A	Mechanic Electro
48	Function generator (DDS Technology (Sine, Square, Triangle, Ramp, Pulse, Serial Data, TTL and Modulation.) 1 mHz -10 MHz FunctionPulse - Modulation Generator with Built in 40MHz Frequency Counter	Mechanic Electro
49	Dimmer starter 3 Amps	Mechanic Electro
50	Autotransformer 15 Amps	Mechanic Electro
51	Analog Component Trainer Breadboard for Circuit design . with necessary DC /AC power supply: Sine, Square, Triangle Modulating Signal Generator and Simulation Software	Mechanic Electro
52	Milli Ammeter (AC) 0 - 200 mA	Mechanic Electro
53	Milli Ammeter (DC) 0 - 500 mA	Mechanic Electro
54	Op Amp trainer	Mechanic Electro
55	Digital IC Trainer Breadboard for Circuit design with necessary DC Power Supply, Graphical LCD, Clock Frequency 4 different steps, Data Switches: 8 Nos, LED Display: 8 Nos. (TTL), Seven Segment Display, Teaching Simulation Software	Mechanic Electro
56	Digital IC Tester	Mechanic Electro
57	Digital and Analog Bread Board Trainer	Mechanic Electro
58	DC/AC Power Supply, Sine/ Square/ TTL Generator Data Switches, LED indication, LED Display: 8 in Nos Simulation/Teaching Content through software	Mechanic Electro
59	Rheostats various values and ratings	Mechanic Electro
60	POWER ELECTRONICS TRAINER with at least 6 no's of application board MOSFET Characteristics SCR Characteristics SCR Lamp Flasher SCR Alarm Circuit Series Inverter Single Phase PWM Inverter	Mechanic Electro

61	Computers in the assembled form (including cabinet, motherboards, HDD, DVD, SMPS, Monitor, KB, Mouse, LAN card, Blu-Ray drive and player), MS Office education version.	Mechanic Electro
62	Laptops latest configuration	Mechanic Electro
63	Laser jet Printer	Mechanic Electro
64	INTERNET BROADBAND CONNECTION	Mechanic Electro
65	Electronic circuit simulation software with 6 user licenses Circuit Design and Simulation Software with PCB Design with Gerber and G Code Generation, 3D View of PCB, Breadboard View, Fault Creation and Simulation.	Mechanic Electro
66	Different types of electronic and electrical cables, connectors, sockets, terminations.	Mechanic Electro
67	Different types of Analog electronic components, digital ICs, power electronic components, general purpose PCBs, bread board, MCB, ELCB	Mechanic Electro
68	DSO (colour) 4 Channel , 50MHz Real Time Sampling 1G Samples/Sec, 12 Mpts Memory with PC Interface USB, LAN and math function includes +, -, FFT, differential, integral, abs, log etc	Mechanic Electro
69	Soldering & De soldering Station	Mechanic Electro
70	SMD Soldering & De soldering Station with neces	Mechanic Electro
71	DOL starter	Mechanic Electro
72	AC Motor Trainer Kit ¼ HP motor Single Phase C	Mechanic Electro
73	Frequency modulator and Demodulator trainer kit	Mechanic Electro
74	FM Modulator Type : Reactance Modulator, Varactor Modulator, VCO Based Modulator FM Demodulator type All 5 demodulation techniques Detailed teaching and learning contents through software	Mechanic Electro
75	PAM, PPM,PWM trainer kit	Mechanic Electro
76	AM/FM Commercial radio receivers	Mechanic Electro
77	Microcontroller kits (8051) along with programming software (Assembly level Programming)Core 8051, ready to run programmer for AT89C51/52 & 55, programming modes Key Pad and PC circuits. Detailed learning content through simulation Software Application kits for Microcontrollers 6 different application	Mechanic Electro

78	Application kits for Microcontrollers 6 different applications 1. Input Interface : 4x4 Matrix Keypad, ASCII Key PAD, Four Input Switch 2. Display Module 16X2 LCD, Seven Segment, LED Bar Graph 3. ADC/DAC Module with most popular DC/DAC0808 4. PC Interface: RS232 & USB 5. Motor Drive: DC, Servo, Stepper 6. DAQ: Data Acquisition to sense different sensors signals	Mechanic Electro
80	Sensor Trainer Kit Containing following Sensors 1. Thermocouple 2. RTD 3. Load Cell/ Strain Gauge 4. LVDT 5. Smoke Detector Sensors 6. Speed Sensor 7. Limit Switch 8. Photo sensors Graphical touch LCD with inbuilt processor for viewing the output waveforms, In built DAQ, and standard processing circuits like Inverting , Non – Inverting , Power, Current , Instrumentation Differential Amplifier, F/V,V/F,V/I,I/V Converter, Sensors :RTD,NTC Thermistor,LM35 9. Optocoupler 10. Proximity Sensor Thermocouple, Gas(Smoke) Sensor, Load cell, LVDT Sensor, Speed Sensor	Mechanic Electro
81	Various analog and digital ICs useful for doing project works mentioned in the digital and analog IC applications module	Mechanic Electro
82	Different types of electronic and electrical cables,	Mechanic Electro
83	Fiber optic communication trainer Full Duplex Analog & Digital Trans-receiver with 660nm & 950nm, Noise Generator with variable gain, Four Seven Segment Display BER Counter, Eye Pattern.	Mechanic Electro
84	Seven segment DPM trainer	Mechanic Electro
85	LCD based DPM	Mechanic Electro
86	UPS trainer PWM switching technology, Test points to measures the voltages of different sections Overall functioning of UPS Trainer, AVR transformer, UPS with load condition	Mechanic Electro
87	UPS 3 KVA with backup time minimum 30 minutes	Mechanic Electro
88	Mobile phone Trainer 2G /3G/4G Dual SIM GSM Handset. Frequency measurement and band verification. Real time Mobile Operation	Mechanic Electro
89	Smart phones of different make (android/Windows)	Mechanic Electro
90	Cell phone power source with charger chords for	Mechanic Electro

91	LCD TV (Trainer kit) 21-inch full HD LCD Color Television, PAL/ NTSC video formats Complete block diagram of a LCD TV system, Study board indicating various sections of LCD TV along with the test points and switch faults	Mechanic Electro
92	LCD TV (21")	Mechanic Electro
93	LED TV (Trainer kit) 20-inch full HD LED Color Television, PAL/ NTSC video formats, complete block diagram of a LED TV system , Study board indicating various sections of LED TV along with the test points and switch faults Trouble shooting in different sections.	Mechanic Electro
94	LED TV (21")	Mechanic Electro
95	Home theatre system 1No.	Mechanic Electro
96	Solar Training Kit/ Simulator With built in meters for DCV, DCA, AC multifunction Meter (for ACI, 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 Electro
97	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 Electro
D. Shop Floor Furniture and Materials - For 2 (1+1) units no		
98	Instructor's table	Mechanic Electro
99	Instructor's chair	Mechanic Electro
100	Metal Rack 100cm x 150cm x 45cm	Mechanic Electro
101	Lockers with 16 drawers standard size	Mechanic Electro
102	Steel Almirah 2.5 m x 1.20 m x 0.5 m 2 Nos.	Mechanic Electro
103	Black board/white board	Mechanic Electro
104	Fire Extinguisher	Mechanic Electro
105	Fire Buckets	Mechanic Electro
1	Barber Scissors	Basic cosmetolog
2	Thinning Scissors	Basic cosmetolog
3	Velcro Rollers(large,medium& small)	Basic cosmetolog
4	Perm roller(star perm,ladder perm,sprial rods,chop sticks,wooden rollers(different size small, medium, large)	Basic cosmetolog
5	Manual Razor	Basic cosmetolog
6	Dust Brush	Basic cosmetolog
7	Swiggle	Basic cosmetolog
8	Dye Brush	Basic cosmetolog
9	Back view mirror	Basic cosmetolog
10	Cutting sheet	Basic cosmetolog
11	Dye bowl	Basic cosmetolog

12	Professional hair brushes set	Basic cosmetolog
13	Scalp Steamer	Basic cosmetolog
14	Hot rollers	Basic cosmetolog
15	Dummy head on stand with slipon	Basic cosmetolog
16	Dryer	Basic cosmetolog
17	Crimper	Basic cosmetolog
18	Mirror panel	Basic cosmetolog
19	styling chair(multipurpose for hair & beauty sedtvices)	Basic cosmetolog
20	Shampoo Station with chair	Basic cosmetolog
21	Hair trolley	Basic cosmetolog
22	ceramic straightening iron	Basic cosmetolog
23	curling rods with attachement	Basic cosmetolog
24	Neck tray (for perming)	Basic cosmetolog
25	Rebonding boards	Basic cosmetolog
26	Benders	Basic cosmetolog
27	Hood Dryer	Basic cosmetolog
28		Basic cosmetolog
29		
30	Magnifying lamp	Basic cosmetolog
31	Vapozone	Basic cosmetolog
32	Beauty studio (ultrasonic/Galvanic /High frequency Brushing unit vaccuam & spray	Basic cosmetolog
33	High frequency	Basic cosmetolog
34	EMS Machine	Basic cosmetolog
35	Infrared lamp	Basic cosmetolog
36	Wax heater	Basic cosmetolog
37	Beauty trolleys	Basic cosmetolog
38	Facial bed	Basic cosmetolog
39	Manicure Bowls	Basic cosmetolog
40	Pedi spa tub	Basic cosmetolog
41	manicure stools	Basic cosmetolog
42	manicure table	Basic cosmetolog
43	pedi stool	Basic cosmetolog
44	manicure trolley	Basic cosmetolog
45	lab	
46	Dry sterilizer (ultra violet)	Basic cosmetolog
47	boiler	Basic cosmetolog
48	front wash basin	Basic cosmetolog
49	Curtain/Blinds for Lab	Basic cosmetolog
50	Blanket	Basic cosmetolog
51	Hot towel cabinet	Basic cosmetolog
52	Computer system with Internet facility & Printer	Basic cosmetolog
53	Computer Table	Basic cosmetolog
54	Heat Convector	Basic cosmetolog
55	Air conditioner split 2 ton with stabilizer As Requi	Basic cosmetolog
56	Student Lockers	Basic cosmetolog
57	Refrigerator	Basic cosmetolog
58	Almirah	Basic cosmetolog
59	Teacher's Chair and table set	Basic cosmetolog

60	Black head remover	Basic cosmetology
61	Display board (minimum 3X4 feet size)	Basic cosmetology
62	Wet Sterilizer	Basic cosmetology
63	Student's chair with flap	Basic cosmetology
64	Teacher's Table and chair set	Basic cosmetology
65	LCD Projector	Basic cosmetology
66	Computer set with UPS	Basic cosmetology
67	White Magnetic Board with felt board	Basic cosmetology
68	Air conditioner split 2 ton with stabilizer	Basic cosmetology
69	Display board	Basic cosmetology
70	Curtain/blinds for Lab. As required	Basic cosmetology
71	Yoga Mat	Basic cosmetology
72	Teacher's Chair	Basic cosmetology
73	Teacher's Table	Basic cosmetology
74	Curtain for Lab.	Basic cosmetology
TRAINEES TOOL KIT:		
75	Tail comb	Basic cosmetology
76	Style Comb	Basic cosmetology
77	Open teeth tail comb	Basic cosmetology
78	Small Bowl	Basic cosmetology
79	Facial Band	Basic cosmetology
80	Spray bottle	Basic cosmetology
81	Nail File	Basic cosmetology
82	Nail Cutter	Basic cosmetology
83	Plain Switches	Basic cosmetology
84	Switch Stand	Basic cosmetology
85	Personal Towel (Medium	Basic cosmetology
86	Napkin	Basic cosmetology
87	Hair Accessories	Basic cosmetology
88	Make-up Brush	Basic cosmetology
89	Pack & Bleach Brush	Basic cosmetology
90	Wax applicator	Basic cosmetology
91	Braid	Basic cosmetology
92	Bob Pins	Basic cosmetology
93	Juda Pins	Basic cosmetology
94	Setting clips	Basic cosmetology
95	Lab Coat	Basic cosmetology
96	Manicure Set	Basic cosmetology
97	Pedicure Set	Basic cosmetology
	assembled computer hp	for all trade
	ICD projector with screen.	for all trade
	computer	For IT lab

t plan for ITI as per Section 4.2 - Procurement guidelines in the below format:

NR lakh)
ailed below:

**Total Required Rate / Unit
(in INR lakh) Total (in
INR lakh) Method of
Procurement(e.g.
Shopping/Competi
tive Bidding)**

01 No.	5000	5000	
01 No.	6000	6000	
01 No.	500	500	
01 No.	300	300	
02nos.	300	600	
02nos.	550	1100	
02no. each	2100	4200	
2	3000	6000	
02set	2400	4800	
02nos.	600	1200	
01 No.	900	900	
01No.	600	600	
01 set	1200	1200	
01no.	800	800	
01set	3000	3000	
01set	8500	8500	
01no.	7500	7500	
02nos.	200	400	
01no.	2500	5000	
01no.	6500	6500	
01no.	8500	8500	
01no.	8500	8500	
02nos.	1500	3000	
	0	0	
02nos.	1000	2000	
01 Each	9000	18000	
01no.	15000	15000	
01no.	3000	3000	
01set	1000	1000	

01 Each	4500	4500	
01no.	1000	1000	
01no.	2500	2500	
01no.	100	100	
01no.	10000	10000	
As required	1000	1000	
	0	0	
01no.	8000	8000	
	25000	25000	
01 Set	0	0	
01no.	7500	7500	
01no.	6500	6500	
02nos.	4500	9000	
01no.	4500	4500	
02nos.	4500	9000	
02nos.	4500	9000	
02nos.	4000	8000	
02nos.	4000	8000	
02nos.	1750	3500	
01no.	3500	3500	
01no.	7200	7200	

01no.	7200	7200	
01no.	7200	7200	
02no.	2500	5000	
01no.	1250	2500	
02no	9000	18000	
02no.	10000	20000	
01 No.	2000	2000	
01no.	5000	5000	
01no.	3000	3000	
01set	8000	8000	
01set	7500	7500	
01n0.	1500	1500	
Nil	1500	1500	
01no.	2500000	2500000	
01no.	3000000	3000000	
13Nos.	9230.76	120000	
	80000	80000	
	65000	65000	
01NO.	30000	30000	
4nos.	200	800	
02nos.	250	500	
02nos.	100	200	
02nos.	100	200	
02nos.	100	200	
4nos.	175	700	
4nos.	200	500	
02nos.	500	1000	
4nos.	375	1500	
4nos. Each	375	1500	
3 Nos.	666.66	2000	
1Nos.	10000	10000	
3 nos.	666.66	2000	
02nos.	1000	2000	

02nos.	1500	3000	
1Nos.	3000	3000	
02nos.	750	1500	
1 Nos	1750	3500	
02nos.	500	1000	
1 Nos.	3000	3000	
01 set	15000	15000	
4 Nos.	325	1300	
02 Nos.	750	1500	
01 No.	20000	40000	
02 Nos.	2000	4000	
01 No.	25000	50000	
01 No.	95000	95000	
01 No.	96000	96000	
12 Nos.	333.33	4000	
16 Nos.	2187.5	35000	
04 Nos.	5000	20000	
02 Nos.	5000	10000	
02 Nos.	7500	15000	
01 each.	12500	25000	
16 Nos.	200	32000	
01set.	6000	6000	
01 Nos.	50000	50000	
01 Nos.	11000	11000	
17	147.05	2500	
22	318.18	7000	
22	363.63	8000	

01 no.	5000	5000	
01 no.	25000	25000	
04 no.		4000	
01 set	15000	15000	
01 no.	2000	2000	
01 no.	30000	30000	
01 no.	5000	5000	
01 no.	5000	5000	
01 no.	5000	5000	
01 no.	15000	15000	
01 set	9000	9000	
01 each	10000	10000	
01 no.	500	500	
01 no.	25000	25000	
02 no.	750	1500	
04 no.	250	1000	
01 no.	8000	8000	
04 no.	600	2400	
02 no.	300	600	
01 each	11000	11000	
01 each	11000	11000	
04 no.	2000	8000	
02 no.	3000	6000	
01 no.	10000	10000	
01 no.	15000	15000	
01 no.	50000	50000	
01 set	22000	22000	
01 no.	15000	15000	
02 no.	4000	8000	
01 no.	25000	25000	
01 no.	20000	20000	
01 set	10000	10000	

01 no.	100000	100000	
01 no.	30000	30000	
01 no.	20000	20000	
02 no	4000	8000	
01 no.	15000	15000	
01 no.	1500	1500	
01 no.	1500	1500	
01 no.	20000	20000	
01 no.	10000	10000	
01 no.	1000000	1000000	
01 no.	250000	250000	
01 no.	250000	250000	
02 no.	4000	8000	
02 no.	2500	5000	
02 no.	3500	7000	
02 no.	20000	40000	
02 no.	4000	8000	
01 no.	8000	8000	
01 no.	30000	30000	
01 no	20000	20000	
02 no	4000	8000	
1	65000	65000	
12	3500	42000	
12	3000	36000	
1	2000	2000	
9	50000	450000	
Yes	60000	60000	
Yes	3000	3000	
1	4000	4000	
1	3200	3200	
13	769.23	10000	
1	8000	8000	
1	65000	65000	
1	50000	50000	
1	4500	4500	
02 Nos.	2000	4000	
04 nos.	375	1500	

01 No.	3500	3500	
01 each	1500	1500	
01 each	900	900	
02 each	1000	2000	
02 each	250	500	
02 each	200	400	
02 Nos.	700	1400	
02 Nos.	500	1000	
02 Nos.	400	800	
	300	300	
	500	500	
04 nos.	300	1200	
	400	400	
01 no.	3000	3000	
	1500	1500	
02 nos.	400	800	
01 no.	600	600	
02 nos.	200	400	
02 nos.	100	200	
01 each	600	600	
01 no.	500	500	
02 each	500	1000	
01 each	1200	1200	
01 no.	50000	50000	

01 sets	125000	125000	
01 no.			
01 no.			
02 Nos.			
01 No.			
02 Nos.			
01 No.			
01 No.			
01 No.			
2 Nos			
1 No			
1 No			
1 No			
1 No			
1 No			
1 No			
1 No			
1 No			
1 No			
1 sets			

1 No.			
1 No.			
1 No.			
2 Nos.			
1 set			
1 No	95000	95000	
1 set	5500	5500	
01 no.	6000	6000	
02 Nos.	400	800	
02 Nos.	400	800	
02 Nos.	500	1000	
01 NO.	8000	8000	
01 NO.	8000	8000	
01no.	300000	300000	
01 Set	25000	25000	
1	10000	10000	
1	18000	18000	
1	8000	8000	
20NOS	367.5	7350	
13 NOS	800	10400	

		10400	
02 NOS	250	500	
2 NOS	50	100	
2 NOS	500	1000	
1 NO	800	800	
2 NOS	3000	6000	
1 NO ECAH	4500	9000	
2 NOS	10000	20000	
2 NOS	3000	6000	
1 NO	2000	2000	
2 NOS	4000	8000	
2 NOS	500	1000	
2 NOS	500	1000	
4 NOS	11000	44000	
01 NOS	60000	60000	
01 NOS	10000	10000	
1 SET	20000	20000	

2 NOS	22500		
		45000	
2 NOS	800	1600	
1 NOS	18000		
		18000	
1 SET	1000	1000	
1 NOS	300	300	
1 NOS	500	500	
1 NOS	300	300	
1 NOS	300	300	
1 NOS	350	350	
1 NOS	23000		
		23000	
2 SET	750	1500	
1 SET	200	200	
2 NOS	11500		
		23000	

01 NO	35000		
		35000	
21	95.23	2000	
01 NOS	200	200	
02 NOS	10000		
		20000	
01 NOS	4000	8000	
21+1	40	880	
21+1	150	3300	
21+1	120	2640	
21+1	90	1980	
21+1	120	2640	
21+1	90	1980	
21+1	40	880	
21+1	70	1540	
21+1	75	1650	
21+1	90	1980	
21+1	280	6160	
21+1	220	4840	
21+1	300	6600	
21+1	350	7700	
21+1	180	3960	
21+1	320	7040	

21+1	50	1100	
21+1	60	1320	
17	147.05	2500.00	
22	318.18	7000.00	
22	363.63	8000.00	
21Nos.	90	1890	
13 Nos.	40	520	
21 Nos.	300	6300	
13Nos.	100	1300	
17Nos.	100	1700	
13 Nos.	90	1170	
21 Nos.	380	7980	
13Nos.	50	650	
21 Nos.	40	840	
21 Nos.	3000	63000	
13Nos.	350	4550	
21 Nos.	500	10500	
		0	
		0	
4 Nos	70	280	
2 Nos	1000	2000	
2 Nos	80	160	
4 Nos	100	400	
1 Nos	1500	1500	
1 Nos	1000	1000	
2 Nos	800	1600	
2 Nos	500	1000	
2 Nos	280	560	
2 Nos	270	540	
2 Nos	270	540	
4 Nos	250	1000	
4 Nos	280	1120	
2 Nos.	55	110	
1 No	150	150	
1 No	800	800	
1 set	555	555	
2 Nos.	200	400	
6 Nos.	170	1020	
2 Nos	200	400	
1 No.	210	210	
1 No.	250	250	

1 No.	300	300	
2 Nos.	2500	5000	
100 nics	1000	1000	
1 No. each	3000	9000	
0			
4 Nos.	6500	26000	
1 No.	7000	7000	
2 Nos.	35000	70000	
2 Nos.	9000	18000	
1 No.	5000	10000	
4 Nos.	1200	4800	
2 Nos.	5000	10000	
2 Nos	18000	36000	
2 Nos	4000	8000	
2 Nos.	4500	9000	
4 Nos	9000	36000	
2 Nos.	.	1600	
2 Nos.	800	1600	
2 Nos	6000	12000	
4 Nos.	12000	24000	
1 No.	9000	9000	
100 nics	10000	10000	
6 Nos.	10000	10000	
2 Nos. each	1300	2600	
4 No.	20000	8000	

4 Nos.	22000	88000	
1 No	40000	40000	
1 No	12000	12000	
1 No			
1 No	160000	160000	
As required	1000	1000	
	1000		
As required		1000	
1 No.	40000	40000	
1 No.	8500	8500	
2 Nos	9000	18000	
1 No.	24000	24000	
1 No.	3500	3500	
nic	8000	8000	
2 Nos.	15000	30000	
2 Nos.	15000	30000	
2 Nos.	3000	6000	
4 Nos.	16000	64000	

1 set	17000	17000	
2 Nos.	45000	90000	
As required	1000	1000	
As required	1000	1000	
2 Nos.	15000	30000	
6 Nos.	1800	10800	
6 Nos.	1700	10200	
1No.	21000	21000	
1 No	70000	70000	
	35000		
1 No		35000	
4 Nos	20000	80000	
As required	20000	20000	

1 No.	67200		
		67200	
2 Nos.	24600	49200	
	18000		
1 No.		20000	
2 Nos.	17000	34000	
1No.	21000	21000	
1 No.	32500		
		325000	
2 sets			
additional items are required 0			
1 No.	2435	2435	
2 Nos.	1580	3160	
4 Nos	2685	10740	
2 Nos	5850	11700	
2 Nos.	7581	15162	
1 No.	9448	9448	
2 Nos.	3460	6920	
2 Nos.	2000	4000	
01 no	270	270	
01 no	250	250	
1 dz. Each	150	150	
3Y			
	250	250	
01 no	650	650	
01 no	650	650	
01 no	100	100	
01 no	50	50	
01 no	1500	1500	
1 n o	300	300	
1 no	50	50	

1 set	9000	9000	
1 no	2500	2500	
1 set	600	600	
1 no	2000	2000	
1 no	5000	5000	
1 no for 5 station	500	500	
1 no	1000	1000	
1 no	19000	19000	
1 no for 5 station	15000	15000	
1 no	3000	3000	
1 no	8000	8000	
1 no for 5 station	500	500	
1 no	600	600	
1 set	1000	1000	
1 dz. Each	300	300	
1 no for 5 station	6000	6000	

jy

0 0

1 no for 5 station	4000	4000	
1 no for 5 station	8000	8000	
1 no for 5 station	3000	3000	
1 no	4500	4500	
1 no for 5 station	5000	5000	
1 no	2500	2500	
1 no	700	700	
1 no	4000	4000	
1 no	10000	10000	
1 no	150	150	
1 no	350	350	
1 no	1500	1500	
1 no	2500	2500	
1 no	1500	1500	
1 no	2000	2000	
	0	0	
1 no for 5 station	4000	4000	
1 no	3500	3500	
1 no for 5 station	3500	3500	
As required	7000	7000	
1 no	1000	1000	
1 no for 5 station	13000	13000	
1 no	35000	35000	
01 No.	10000	10000	
04 No.	4000	4000	
As Required	45000	45000	
1 per student	14000	14000	
1 No	20000	20000	
jy	16000	16000	
1 No	10000	10000	

1 No	6000	6000	
As Required	7500	7500	
1 no for 5 station	4000	4000	
20 Nos	5000	5000	
01 No	10000	10000	
01 No.	35000	35000	
01 No	45000	45000	
01 No	10000	10000	
As required	45000	45000	
02 Nos.	7500	7500	
As required	5000	5000	
20 No.	500	500	
01 No.	1500	1500	
01 No	1500	1500	
As required	5000	5000	
	0	0	
01 each	20	20	
01 each	25	25	
01 each	25	25	
02 each	40	40	
02 each	25	25	
01 each	50	50	
01 each	50	50	
01 each	50	50	
01 each	100	100	
01 each	100	100	
02 No.	500	500	
02 No.	100	100	
As required	500	500	
01 each	40	40	
01 each	40	40	
01 each	40	40	
01 each	50	50	
As required	40	40	
As required	50	50	
01 each	60	60	
01 each	200	200	
01 each	200	200	
01 each	200	200	
14 Nos	55000	770000	
14 Nos	45000	630000	
22 Nos	55000	1210000	

16191475

1	Connecting screwdriver 10 x100mm	Mechanic Electronic
2	Neon tester 500 V.	Mechanic Electronic
3	Screw driver set of 7	Mechanic Electronic
4	Insulated combination pliers 150 mm	Mechanic Electronic
5	Insulated side cutting pliers 150 mm	Mechanic Electronic
6	Long nose pliers 150 mm	Mechanic Electronic
7	Soldering iron 25 Watt, 240 Volt	Mechanic Electronic
8	Electrician knife 100mm	Mechanic Electronic
9	Tweezers 150mm	Mechanic Electronic
10	Digital Multimeter (3 3/4 digit) ,4000 Counts	Mechanic Electronic
11	Soldering Iron Changeable bits 15Watt, 240 Volt	Mechanic Electronic
12	De- soldering pump electrical heated, manual operators 230 volt 40 watt	Mechanic Electronic
13	Lists of Tools	
14	Steel rule graduated both in Metric and English Unit 300mm	Mechanic Electronic
15	Precision set of screw drivers T5,T6,T7	Mechanic Electronic
16	Tweezers – Bend tip	Mechanic Electronic
17	Steel measuring tape 3 meter	Mechanic Electronic
18	Tools makers vice 100mm (clamp)	Mechanic Electronic
19	Tools maker vice 50mm (clamp)	Mechanic Electronic
20	Crimping tool (pliers 7 in 1	Mechanic Electronic
21	Magneto spanner set 8 Spanners	Mechanic Electronic
22	File flat bastard 200mm	Mechanic Electronic
23	File flat second cut 200mm	Mechanic Electronic
24	File flat smooth 200mm	Mechanic Electronic
25	Plier - Flat Nose 150 mm	Mechanic Electronic
26	Round Nose pliers 100 mm	Mechanic Electronic
27	Scriber straight 150 mm	Mechanic Electronic
28	Hammer ball pen 500 grams	Mechanic Electronic
29	Allen key set (Hexagonal -set of 9) 1 - 12 mm, set of 24 Keys	Mechanic Electronic
30	Tubular box spanner Set - 6 - 32 mm	Mechanic Electronic
31	Magnifying lenses 75 mm	Mechanic Electronic
32	Continuity tester	Mechanic Electronic
33	Hacksaw frame adjustable 300 mm	Mechanic Electronic
34	Chisel - Cold - Flat 10 mm X 150 mm	Mechanic Electronic
35	Scissors 200mm	Mechanic Electronic
36	Handsaw 450mm Hand Saw - 450 mm	Mechanic Electronic
37	Hand Drill Machine Electric with Hammer Action 13 mm	Mechanic Electronic
38	First aid kit	Mechanic Electronics
39	Bench Vice Bench Vice - 125 mm B ench Vice - 100 mm Bench Vice - 50 mm List	Mechanic Electronic
40	List of Equipments	
41	Dual DC regulated power supply 30-0-30 V, 2 Amps	Mechanic Electronic
42	LCR meter (Digital) Handheld	Mechanic Electronic

43	CRO Dual Trace 20 MHz (component testing facilities)	Mechanic Electronic
44	Signal Generator with Digital Display for Frequency Amplitude 10 Hz to 100 KHz, 50/600 Ohms (output impedance)	Mechanic Electronic
45	Battery Charger 0 - 6 - 9 - 12 - 24 - 48 V, 30 Amp	Mechanic Electronic
46	Analog multimeter	Mechanic Electronic
47	Clamp meter 0 - 10 A	Mechanic Electronic
48	Function generator (DDS Technology (Sine, Square, Triangle, Ramp, Pulse, Serial Data, TTL and Modulation.) 1 mHz -10 MHz FunctionPulse – Modulation Generator with Built in 40MHz Frequency Counter	Mechanic Electronic
49	Dimmer starter 3 Amps	Mechanic Electronic
50	Autotransformer 15 Amps	Mechanic Electronic
51	Analog Component Trainer Breadboard for Circuit design . with necessary DC /AC power supply: Sine, Square, Triangle Modulating Signal Generator and Simulation Software	Mechanic Electronic
52	Milli Ammeter (AC) 0 – 200 mA	Mechanic Electronic
53	Milli Ammeter (DC) 0 – 500 mA	Mechanic Electronic
54	Op Amp trainer	Mechanic Electronic
55	Digital IC Trainer Breadboard for Circuit design with necessary DC Power Supply, Graphical LCD, Clock Frequency 4 different steps, Data Switches: 8 Nos, LED Display: 8 Nos. (TTL), Seven Segment Display, Teaching Simulation Software	Mechanic Electronic
56	Digital IC Tester	Mechanic Electronic
57	Digital and Analog Bread Board Trainer	Mechanic Electronics
58	DC/AC Power Supply, Sine/ Square/ TTL Generator Data Switches, LED indication, LED Display: 8 in Nos Simulation/Teaching Content through software	Mechanic Electronic
59	Rheostats various values and ratings	Mechanic Electronic
60	POWER ELECTRONICS TRAINER with at least 6 no's of application board MOSFET Characteristics SCR Characteristics SCR Lamp Flasher SCR Alarm Circuit Series Inverter Single Phase PWM Inverter	Mechanic Electronic
61	Computers in the assembled form (including cabinet, motherboards, HDD, DVD, SMPS, Monitor, KB, Mouse, LAN card, Blu-Ray drive and player), MS Office education version.	Mechanic Electronic
62	Laptops latest configuration	Mechanic Electronic
63	Laser jet Printer	Mechanic Electronic
64	INTERNET BROADBAND CONNECTION	Mechanic Electronic

65	Electronic circuit simulation software with 6 user licenses Circuit Design and Simulation Software with PCB Design with Gerber and G Code Generation, 3D View of PCB, Breadboard View, Fault Creation and Simulation.	Mechanic Electronic
66	Different types of electronic and electrical cables, connectors, sockets, terminations.	Mechanic Electronic
67	Different types of Analog electronic components, digital ICs, power electronic components, general purpose PCBs, bread board, MCB, ELCB	Mechanic Electronic
68	DSO (colour) 4 Channel , 50MHz Real Time Sampling 1G Samples/Sec, 12 Mpts Memory with PC Interface USB, LAN and math function includes +, -, FFT, differential, integral, abs, log etc.	Mechanic Electronic
69	Soldering & De soldering Station	Mechanic Electronic
70	SMD Soldering & De soldering Station with necessary accessories	Mechanic Electronic
71	DOL starter	Mechanic Electronic
72	AC Motor Trainer Kit ¼ HP motor Single Phase Contactors Relays	Mechanic Electronic
73	Frequency modulator and Demodulator trainer kit	Mechanic Electronics
74	FM Modulator Type : Reactance Modulator, Varactor Modulator, VCO Based Modulator FM Demodulator type All 5 demodulation techniques Detailed teaching and learning contents through software.	Mechanic Electronic
75	PAM, PPM, PWM trainer kit	Mechanic Electronic
76	AM/FM Commercial radio receivers	Mechanic Electronic
77	Microcontroller kits (8051) along with programming software (Assembly level Programming) Core 8051, ready to run programmer for AT89C51/52 & 55, programming modes Key Pad and PC circuits. Detailed learning content through simulation Software Application kits for Microcontrollers 6 different application	Mechanic Electronic
78	Application kits for Microcontrollers 6 different applications 1. Input Interface : 4x4 Matrix Keypad, ASCII Key PAD, Four Input Switch 2. Display Module 16X2 LCD, Seven Segment, LED Bar Graph 3. ADC/DAC Module with most popular DC/DAC0808 4. PC Interface: RS232 & USB 5. Motor Drive: DC, Servo, Stepper 6. DAQ: Data Acquisition to sense different sensors signals	Mechanic Electronic

80	Sensor Trainer Kit Containing following Sensors 1. Thermocouple 2. RTD 3. Load Cell/ Strain Gauge 4. LVDT 5. Smoke Detector Sensors 6. Speed Sensor 7. Limit Switch 8. Photo sensors Graphical touch LCD with inbuilt processor for viewing the output waveforms, In built DAQ, and standard processing circuits like Inverting , Non – Inverting , Power, Current , Instrumentation Differential Amplifier, F/V,V/F,V/I,I/V Converter, Sensors :RTD,NTC Thermistor,LM35 9. Optocouplor 10. Proximity Sensor Thermocouple, Gas(Smoke) Sensor, Load cell, LVDT Sensor, Speed Sensor	Mechanic Electronic
81	Various analog and digital ICs useful for doing project works mentioned in the digital and analog IC applications module	Mechanic Electronic
82	Different types of electronic and electrical cables, connectors	Mechanic Electronic
83	Fiber optic communication trainer Full Duplex Analog & Digital Trans-receiver with 660nm & 950nm, Noise Generator with variable gain, Four Seven Segment Display BER Counter, Eye Pattern.	Mechanic Electronic
84	Seven segment DPM trainer	Mechanic Electronic
85	LCD based DPM	Mechanic Electronic
86	UPS trainer PWM switching technology, Test points to measures the voltages of different sections Overall functioning of UPS Trainer, AVR transformer, UPS with load condition	Mechanic Electronic
87	UPS 3 KVA with backup time minimum 30 minutes	Mechanic Electronic
88	Mobile phone Trainer 2G /3G/4G Dual SIM GSM Handset. Frequency measurement and band verification. Real time Mobile Operation	Mechanic Electronic
89	Smart phones of different make (android/Windows)	Mechanic Electronic
90	Cell phone power source with charger chords for different ce	Mechanic Electronic
91	LCD TV (Trainer kit) 21-inch full HD LCD Color 1 No. Television should support PAL/ NTSC video formats Complete block diagram of a LCD TV system, Study board indicating various sections of LCD TV along with the test points and switch faults	Mechanic Electronic
92	LCD TV (21")	Mechanic Electronic
93	LED TV (Trainer kit) 20-inch full HD LED Color Television, PAL/ NTSC video formats, complete block diagram of a LED TV system , Study board indicating various sections of LED TV along with the test points and switch faults Trouble shooting in different sections.	Mechanic Electronic
94	LED TV (21")	Mechanic Electronic
95	Home theatre system 1No.	Mechanic Electronic

96	Solar Training Kit/ Simulator With built in meters for DCV, DCA, AC multifunction Meter (for ACI, 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 Electronic
97	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 Electronic
D. Shop Floor Furniture and Materials - For 2 (1+1) units no additional items are r		
98	Instructor's table	Mechanic Electronic
99	Instructor's chair	Mechanic Electronic
100	Metal Rack 100cm x 150cm x 45cm	Mechanic Electronic
101	Lockers with 16 drawers standard size	Mechanic Electronic
102	Steel Almira 2.5 m x 1.20 m x 0.5 m 2 Nos.	Mechanic Electronic
103	Black board/white board	Mechanic Electronic
104	Fire Extinguisher	Mechanic Electronic
105	Fire Buckets	Mechanic Electronic
1	Barber Scissors	Basic cosmetology
2	Thinning Scissors	Basic cosmetology
3	Velcro Rollers(large,medium& small)	Basic cosmetology
4	Perm roller(star perm,ladder perm,sprial rods,chop sticks,wooden rollers(different size small, medium, large)	Basic cosmetology
5	Manual Razor	Basic cosmetology
6	Dust Brush	Basic cosmetology
7	Swiggle	Basic cosmetology
8	Dye Brush	Basic cosmetology
9	Back view mirror	Basic cosmetology
10	Cutting sheet	Basic cosmetology
11	Dye bowl	Basic cosmetology
12	Professional hair brushes set	Basic cosmetology
13	Scalp Steamer	Basic cosmetology
14	Hot rollers	Basic cosmetology
15	Dummy head on stand with slipon	Basic cosmetology
16	Dryer	Basic cosmetology
17	Crimper	Basic cosmetology
18	Mirror panel	Basic cosmetology
19	styling chair(multipurpose for hair & beauty sedtvices)	Basic cosmetology
20	Shampoo Station with chair	Basic cosmetology
21	Hair trolley	Basic cosmetology
22	ceramic straightening iron	Basic cosmetology
23	curling rods with attachement	Basic cosmetology
24	Neck tray (for perming)	Basic cosmetology
25	Rebonding boards	Basic cosmetology

26	Benders	Basic cosmetology
27	Hood Dryer	Basic cosmetology
28		Basic cosmetology
29		
30	Magnifying lamp	Basic cosmetology
31	Vapozone	Basic cosmetology
32	Beauty studio (ultrasonic/Galvanic /High frequency Brushing unit vaccuam & spray	Basic cosmetology
33	High frequency	Basic cosmetology
34	EMS Machine	Basic cosmetology
35	Infrared lamp	Basic cosmetology
36	Wax heater	Basic cosmetology
37	Beauty trolleys	Basic cosmetology
38	Facial bed	Basic cosmetology
39	Manicure Bowls	Basic cosmetology
40	Pedi spa tub	Basic cosmetology
41	manicure stools	Basic cosmetology
42	manicure table	Basic cosmetology
43	pedi stool	Basic cosmetology
44	manicure trolley	Basic cosmetology
45	lab	
46	Dry sterilizer (ultra violet)	Basic cosmetology
47	boiler	Basic cosmetology
48	front wash basin	Basic cosmetology
49	Curtain/Blinds for Lab	Basic cosmetology
50	Blanket	Basic cosmetology
51	Hot towel cabinet	Basic cosmetology
52	Computer system with Internet facility & Printer	Basic cosmetology
53	Computer Table	Basic cosmetology
54	Heat Convactor	Basic cosmetology
55	Air conditioner split 2 ton with stabilizer As Required	Basic cosmetology
56	Student Lockers	Basic cosmetology
57	Refrigerator	Basic cosmetology
58	Almirah	Basic cosmetology
59	Teacher's Chair and table set	Basic cosmetology
60	Black head remover	Basic cosmetology
61	Display board (minimum 3X4 feet size)	Basic cosmetology
62	Wet Sterilizer	Basic cosmetology
63	Student's chair with flap	Basic cosmetology
64	Teacher's Table and chair set	Basic cosmetology
65	LCD Projector	Basic cosmetology
66	Computer set with UPS	Basic cosmetology
67	White Magnetic Board with felt board	Basic cosmetology
68	Air conditioner split 2 ton with stabilizer	Basic cosmetology
69	Display board	Basic cosmetology
70	Curtain/blinds for Lab. As required	Basic cosmetology
71	Yoga Mat	Basic cosmetology

72	Teacher's Chair	Basic cosmetology
73	Teacher's Table	Basic cosmetology
74	Curtain for Lab.	Basic cosmetology
TRAINEES TOOL KIT:		
75	Tail comb	Basic cosmetology
76	Style Comb	Basic cosmetology
77	Open teeth tail comb	Basic cosmetology
78	Small Bowl	Basic cosmetology
79	Facial Band	Basic cosmetology
80	Spray bottle	Basic cosmetology
81	Nail File	Basic cosmetology
82	Nail Cutter	Basic cosmetology
83	Plain Switches	Basic cosmetology
84	Switch Stand	Basic cosmetology
85	Personal Towel (Medium	Basic cosmetology
86	Napkin	Basic cosmetology
87	Hair Accessories	Basic cosmetology
88	Make-up Brush	Basic cosmetology
89	Pack & Bleach Brush	Basic cosmetology
90	Wax applicator	Basic cosmetology
91	Braid	Basic cosmetology
92	Bob Pins	Basic cosmetology
93	Juda Pins	Basic cosmetology
94	Setting clips	Basic cosmetology
95	Lab Coat	Basic cosmetology
96	Manicure Set	Basic cosmetology
97	Pedicure Set	Basic cosmetology
	assembled computer hp	for all trade
	ICD projector with screen.	for all trade
	computer	For IT lab

21Nos.	90	1890	
13 Nos.	40	520	
21 Nos.	300	6300	
13Nos.	100	1300	
17Nos.	100	1700	
13 Nos.	90	1170	
21 Nos.	380	7980	
13Nos.	50	650	
21 Nos.	40	840	
21 Nos.	3000	63000	
13Nos.	350	4550	
21 Nos.	500		
		10500	
		0	
		0	
4 Nos	70		
		280	
2 Nos	1000	2000	
2 Nos	80	160	
4 Nos	100	400	
1 Nos	1500	1500	
1 Nos	1000	1000	
2 Nos	800	1600	
2 Nos	500	1000	
2 Nos	280	560	
2 Nos	270	540	
2 Nos	270	540	
4 Nos	250	1000	
4 Nos	280	1120	
2 Nos.	55	110	
1 No	150	150	
1 No	800		
		800	
1 set	555	555	
2 Nos.	200	400	
6 Nos.	170	1020	
2 Nos	200	400	
1 No.	210	210	
1 No.	250	250	
1 No.	300	300	
2 Nos.	2500	5000	
s	1000	1000	
1 No. each	3000		
		9000	
		0	
4 Nos.	6500	26000	
1 No.	7000	7000	

2 Nos.	35000	70000	
2 Nos.	9000	18000	
1 No.	5000	10000	
4 Nos.	1200	4800	
2 Nos.	5000	10000	
2 Nos	18000	36000	
2 Nos	4000	8000	
2 Nos.	4500	9000	
4 Nos	9000	36000	
2 Nos.	.	1600	
2 Nos.	800	1600	
2 Nos	6000	12000	
4 Nos.	12000	24000	
1 No.	9000	9000	
5	10000	10000	
6 Nos.	10000	10000	
2 Nos. each	1300	2600	
4 No.	20000	8000	
4 Nos.	22000	88000	
1 No	40000	40000	
1 No	12000	12000	
1 No			

1 No	160000		
		160000	
As required	1000		
		1000	
As required	1000		
		1000	
1 No.	40000		
		40000	
1 No.	8500	8500	
2 Nos	9000	18000	
1 No.	24000	24000	
1 No.	3500	3500	
5	8000	8000	
2 Nos.	15000		
		30000	
2 Nos.	15000	30000	
2 Nos.	3000	6000	
4 Nos.	16000		
		64000	
1 set	17000	17000	

2 Nos.	45000	90000	
As required	1000	1000	
As required	1000	1000	
2 Nos.	15000	30000	
6 Nos.	1800	10800	
6 Nos.	1700	10200	
1No.	21000	21000	
1 No	70000	70000	
	35000		
1 No		35000	
4 Nos	20000	80000	
As required	20000	20000	
1 No.	67200	67200	
2 Nos.	24600	49200	
	18000		
1 No.		20000	
2 Nos.	17000	34000	
1No.	21000	21000	

1 No.	32500		
		325000	
2 sets			
required		0	
1 No.	2435	2435	
2 Nos.	1580	3160	
4 Nos	2685	10740	
2 Nos	5850	11700	
2 Nos.	7581	15162	
1 No.	9448	9448	
2 Nos.	3460	6920	
2 Nos.	2000	4000	
01 no	270	270	
01 no	250	250	
1 dz. Each	150	150	
	250	250	
01 no	650	650	
01 no	650	650	
01 no	100	100	
01 no	50	50	
01 no	1500	1500	
1 n o	300	300	
1 no	50	50	
1 set	9000	9000	
1 no	2500	2500	
1 set	600	600	
1 no	2000	2000	
1 no	5000	5000	
1 no for 5 station	500	500	
1 no	1000	1000	
1 no	19000	19000	
1 no for 5 stations	15000	15000	
1 no	3000	3000	
1 no	8000	8000	
1 no for 5 stations	500	500	
1 no	600	600	
1 set	1000	1000	

1 dz. Each	300	300	
1 no for 5 stations	6000	6000	
0 0			
1 no for 5 stations	4000	4000	
1 no for 5 stations	8000	8000	
1 no for 5 stations	3000	3000	
1 no	4500	4500	
1 no for 5 stations	5000	5000	
1 no	2500	2500	
1 no	700	700	
1 no	4000	4000	
1 no	10000	10000	
1 no	150	150	
1 no	350	350	
1 no	1500	1500	
1 no	2500	2500	
1 no	1500	1500	
1 no	2000	2000	
	0	0	
1 no for 5 stations	4000	4000	
1 no	3500	3500	
1 no for 5 stations	3500	3500	
As required	7000	7000	
1 no	1000	1000	
1 no for 5 stations	13000	13000	
1 no	35000	35000	
01 No.	10000	10000	
04 No.	4000	4000	
As Required	45000	45000	
1 per student	14000	14000	
1 No	20000	20000	
	16000	16000	
1 No	10000	10000	
1 No	6000	6000	
As Required	7500	7500	
1 no for 5 stations	4000	4000	
20 Nos	5000	5000	
01 No	10000	10000	
01 No.	35000	35000	
01 No	45000	45000	
01 No	10000	10000	
As required	45000	45000	
02 Nos.	7500	7500	
As required	5000	5000	
20 No.	500	500	

01 No.	1500	1500	
01 No	1500	1500	
As required	5000	5000	
	0	0	
01 each	20	20	
01 each	25	25	
01 each	25	25	
02 each	40	40	
02 each	25	25	
01 each	50	50	
01 each	50	50	
01 each	50	50	
01 each	100	100	
01 each	100	100	
02 No.	500	500	
02 No.	100	100	
As required	500	500	
01 each	40	40	
01 each	40	40	
01 each	40	40	
01 each	50	50	
As required	40	40	
As required	50	50	
01 each	60	60	
01 each	200	200	
01 each	200	200	
01 each	200	200	
14	55000	770000	
14	45000	630000	
22	55000	1210000	

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