

Part C: Procurement Plan

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

i. Total Planned Procurement Amount (Year 4 to Year 5): 200 (In INR Lakh)

ii. Year-wise details of procurement of Items(Goods, Service etc.) are detailed below:

A. Items to be procured in Year- 4 (2021-22)

Year-4 Equipments and other Goods

Sr. No.	Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate/Unit (In INR lakh)	Total (In INR lakh)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1.	Lam Printer	Colour A4 Size	COPE	1	15000	15000	Shopping/Compete Portal /Partners eprocure/india.gov
2.	Computer (Lenovo Think)	Latest Configuration	COPE	24	40000	960000	ib
3.	LAB Tester	UTP patch cable tester AMD	COPE	5	120	600	ib
4.	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	Suitable for demonstrating the construction and functioning of different types of DC machines and AC machines single phase and three phase. Should be fitted with friction brake arrangement dynamo meter instrument panel and power supply unit	Electrician	1	10000	10000	ib
5.	Genet Generator Set with change over switch over current breaker and water air-cooled with amature star-delta connections AC 3 phase	7.5 KVA 415 volt or higher rating	Electrician	1	30000	30000	ib
6.	Single phase Transformer core type air cooled	1.5kVA 240/415V 50 Hz	Electrician	1	1500	1500	ib
7.	AC Phase wound slip ring Motor with Starter switch	5 HP 440V 3 Phase 50 Hz	Electrician	1	3000	3000	ib
8.	AC Series type Motor	1 HP 240 V 50 Hz	Electrician	2	500	1000	ib
9.	Synchronous motor with accessories like starter excitation arrangements	3 Phase 2 HP 440V 50 Hz 4 Pole	Electrician	2	500	1000	ib
10.	AC Squirrel Cage Motor with star delta starter and triple pole controlled switch box with Mechanical load	5 HP 3 Phase 415 V 50 Hz	Electrician	1	7000	7000	ib
11.	Coding Fan Coil winding machine	750V 50Hz 1 with speed control	Electrician	2	20000	40000	ib
12.	Primary current injection set	230v 50Hz 1-output current: 200A min with 10mm	Electrician	1	3500	3500	ib
13.	Hydrometer		Electrician	4	250	1000	ib
14.	3-point D.C. Starter	For 2.5 KW DC motor	Electrician	2	500	1000	ib
15.	4-point D.C. Starter	For 3.5 KW DC motor	Electrician	2	300	600	ib
16.	Micrometer screw with extension rods	Accuracy 0.01 mm with extension upto 150 mm	Fitter	1	14500	14500	ib
17.	Vernier height projector Blade with Acute Angle Attachment	300 mm	Fitter	2	14500	29000	ib
18.	Surface plate C Granite with Guard and Cover	600 x 900 mm	Fitter	1	65000	65000	ib
19.	Marking table Mild steel	3000x6000 mm	Fitter	1	25000	25000	ib
20.	Machine vice - Swivel Base	125 mm	Fitter	1	8500	8500	ib
21.	Sliver drill Morse	For S - 1.1 / 2.2 - 3.2 - 4.4 - 7	Fitter	1	550	550	ib
22.	Power bench for fastening	Capacity 10-Tonne	Fitter	2	8500	17000	ib

23	Different Profile gauges Plate type - for demonstration	Metric standard	Filter	12	750	9000	da
24	Wearing tool Diamond		Filter	2	950	1900	da
25	Wearing tool straight		Filter	2	950	1900	da
26	Wearing tool Diagonal		Filter	2	950	1900	da
27	Indexable boring bar with form 1)	1 item	Filter	12	1200	14400	da
28	Machine maintenance manual for Lathes Pedestal grinder Drill machine Power saw		Filter	3	350	1050	da
29	Temperature gauge	Range 0 - 150C	Filter	2	35	70	da
30	Dravel pin straight	Dia. 1 Length 4 Matl Stainless Steel	Filter	3	150	450	da
31	Standard Tap screws	M3	Filter	3	150	450	da
32	Lapping plate	Dia. 4	Filter	4	2500	10000	da
33	Medium carbon Heat treated alloy steel Metric shaft and bolts along with nuts for display of standard length May be manufactured in-house	M8 threads	Filter	6		6000	da
34	Caps screws	M6 M8 M10 M12	Filter	4	75	300	da
35	Drill gauges	Lathes drill gauge A to Z Number drill gauge 1 to 50 Metric dia gauge 1.5mm to 12.5mm 30 holes	Filter	6	140	840	da
36	Cast iron Globe Valve Flanged type	10048 Class 150 Flange F001 25-816.1	Filter	6	850	5100	da
37	C.L. Water Gate valve Flanged type	10049 Class 150 Flange F001 25-816.1	Filter	4	550	2200	da
38	Stop cock	21042 2-way Threaded end	Filter	12	550	6600	da
39	Slip-on forged steel Flange	17045 ANSI B16.3 Class 150	Filter	6	650	3900	da
40	Distressed old spur gear	to fit 30mm dia. shaft	Filter	3	120	360	da
41	N nut	to fit on pulley	Filter	3	150	450	da
42	Flat belt to fit on pulley	to fit on pulley	Filter	2	100	200	da
43	Pecking gasket	PTFE gasket of small size	Filter	2	100	200	da
44	Washer	minimum 25mm dia carbon steel material	Filter	4	65	260	da
45	Clutch	minimum 25mm dia carbon steel material	Filter	4	20	80	da
46	Keys	minimum 25mm dia carbon steel material	Filter	4	20	80	da
47	Pin	minimum 25mm dia carbon steel material	Filter	4	20	80	da
48	Washer	minimum 25mm dia carbon steel material	Filter	4	20	80	da
49	Washer	minimum 25mm dia carbon steel material	Filter	4	20	80	da
50	Bearing different types	each type of diameter 25 mm min.	Filter	2	750	1500	da
51	Lifting sling	2mm Nominal Dia. Single leg sling	Filter	4	1150	4600	da
52	Bearing extractor	Universal gear puller 2 to 3 mm adjustment	Filter	2	750	1500	da
53	Pulley extra for		Filter	2	750	1500	da
54	Compressor unit	suitable for Pressure 8 bar Delivery 50 gpm or more Reservoir capacity 24 Litres or more 230V 50 Hz air pressure regulator and water separator	Filter	3	2000	24000	da

55	Pneumatic Trainer kit each consisting of the following matching components and accessories	1. Single acting cylinder; Double acting cylinder; 3/2-way valve IV; 3/2-way valve V; One-way flow control valve VI; 3/2-way valve VII; 3/2-way valve VIII; 3/2-way pneumatic actuator IX; 3/2-way roller lever valve X; Shuttle valve OR XI; Two pressure valve AND XII; Pressure gauge XIII; Manifold with self-closing XIV; Pushbutton station for electro-pneumatic inputs; Relay station XV; 3/2-way single solenoid valve XVI; 3/2-way single solenoid valve XVII; 3/2-way double solenoid valve XVIII; Power supply unit XIX; Profile plate (optional) Aluminium	Filter	1	48000	48000	00
56	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. L1200mmxW900mmxH800mm without castor wheels including lockable wheels at the front side 2 Drawer Size Approx. L480mmxW400mmxH150mm mechanical overall size of Drawer unit Approx. - L470mmxW390mmxH250mm and 3 Drawer slide height Approx. 30mm	Filter	1	48000	48000	00
57	Carrier for mounting components such as PIR relay boxes.		Filter	1	2500	2500	00
58	Cut section model for pneumatic components		Filter	1	12000	12000	00
59	Hydraulic Trainer kit each consisting of the following matching components and accessories		Filter	1	30000	30000	00
60	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. L1200mmxW900mmxH800mm without castor wheels including lockable wheels at the front side 2 Drawer Size Approx. L480mmxW400mmxH150mm mechanical overall size of Drawer unit Approx. - L470mmxW390mmxH250mm and 3 Drawer slide height Approx. 30mm	Filter	1	85000	85000	00
61	Cut-section models for hydraulic components		Filter	1	25000	25000	00
62	Digital Vernier Caliper		Filter	1	6500	6500	00
63	Sliding block universal	80 mm	Machinist	2	650	1300	00
64	Try Square	80 mm	Machinist	2	110	220	00
65	Centre Gauge iron	61, 50 and 25	Machinist	3	3000	3000	00
66	Angle plate adjustable	250 x 150 x 175 mm	Machinist	2	3500	7000	00
67	File triangular smooth	200 mm	Machinist	3	380	1140	00
68	Beamer Adjustable	40 mm to 150 mm by 75 mm	Machinist	3	600	1800	00
69	Table Chuck	75 mm jaw overall base	Machinist	1	7500	7500	00
70	Universal table angle plate	150 x 150 x 150 mm	Machinist	1	3000	3000	00
71	Base chuck for skitter to suit the machine	Capacity 150 mm dia. 6 holding	Machinist	1	6000	6000	00
72	Milling Cutter - Conical	63 x 6 radius x 27 mm Bore Diameter	Machinist	4	3500	14000	00
73	Milling Cutter - Conical	63 x 6 radius x 27 mm Bore Diameter	Machinist	4	3500	14000	00
74	Milling Cutter - Disc type form	modules form - 2 module 20 pressure angle (Set of 8 Pcs)	Machinist	1	3500	3500	00
75	Direct reading vernier caliper	0-300 direct reading with dial	Machinist	1	5400	5400	00
76	Digital vernier caliper	0-300 mm	Machinist	1	8500	8500	00
77	Vernier height gauge II	250 mm	Machinist	1	12500	12500	00
78	Vernier gear tooth caliper		Machinist	1	12000	12000	00
79	Combination set	with 300 mm rule	Machinist	1	17500	17500	00
80	Vernier dial Protractor	with 150 mm blade	Machinist	1	13000	13000	00
81	Bevel gauge	200 mm	Machinist	1	13000	13000	00
82	Punch Number set	3 mm	Machinist	1	350	350	00

82	Digital Multimeter	0 to 500 V	Machinet	2	350	700	ds
84	Variable Resistance Box 220	Resistors With 220	Machinet	2	1400	2800	ds
85	Variable Resistance Box 150	Resistors With 150	Machinet	2	1400	2800	ds
86	Variable Resistance Box 10	Resistors With 10	Machinet	2	1400	2800	ds
87	Variable Resistance Box 33	Resistors With 33	Machinet	2	1400	2800	ds
88	Variable Resistance Box 100	Resistors With 100	Machinet	2	1400	2800	ds
89	Variable Resistance Box 1.2	Resistors With 1.2	Machinet	2	2400	2800	ds
90	DC Battery With Cap	ds	Machinet	2	75	150	ds
91	Dual Power Supply	200V 50Hz Fuse 500mA	Machinet	2	6500	13000	ds
92	Solder Iron	25W Solder Lead PCB Resistor/Screw Board Solder Wrok	Machinet	2	820	1640	ds
93	Inductor 400 Turns	400 Turns	Machinet	2	110	220	ds
94	Inductor 200 Turns	200 Turns	Machinet	2	110	220	ds
95	Inductor 600 Turns	600 Turns	Machinet	2	110	220	ds
96	Inductor 1200 Turns	1200 Turns	Machinet	2	110	220	ds
97	Inductor I-Core	I-Core	Machinet	2	130	260	ds
98	Inductor E-Core	E-Core	Machinet	2	130	260	ds
99	Inductor U-Core	U-Core	Machinet	2	130	260	ds
100	Inductor Laminated Core	Laminated Core	Machinet	2	130	260	ds
101	Relay	1V LED 5V	Machinet	2	130	260	ds
102	Function Generator	20V 50Hz Watts 12VA Fuse 100mA	Machinet	2	600	1200	ds
103	Bread Board		Machinet	2	450	1300	ds
104	Synchronous Motor	240V 50Hz Capacitor Polyphase Motor 1/2HP 5400 VDC	Machinet	2	4500	9000	ds
105	Power Supply	5-20V 5A 3A	Machinet	2	6500	13000	ds
106	Milling Cutter - Equal Angle Cutter	4000 mm x 27 mm bore dia	Machinet	2	5500	11000	ds
107	Milling Cutter - Equal Angle Cutter 60100 mm x 27 mm bore dia	6000 mm x 27 mm bore dia	Machinet	2	5500	11000	ds
108	Milling Cutter - Equal Angle Cutter	4000 mm 27 mm bore dia	Machinet	2	5500	11000	ds
109	Milling Cutter - Double Angle Unequal	Cutter 50 X 12 X 27 mm bore dia 50	Machinet	2	5500	11000	ds
110	Sensor 60 Mounting Plate		Machinet	2	5500	11000	ds
111	Milling Cutter - Double Angle Unequal Cutter	Cutter 50 X 12 X 27 mm bore dia 50	Machinet	2	5500	11000	ds
112	Milling Cutter - Double Angle Unequal	Cutter 50 X 12 X 27 mm bore dia 50	Machinet	2	5500	11000	ds
113	Milling Cutter - Parallel Shank end mills	8	Machinet	4	5500	22000	ds
114	Milling Cutter - Parallel Shank end mills	10	Machinet	4	5500	22000	ds
115	Milling Cutter - Parallel Shank end mills	16 double fluted	Machinet	4	5500	22000	ds
116	Milling Cutter - Parallel Shank end mills	25 mm	Machinet	4	5500	22000	ds
117	Milling Cutter - Parallel Shank end mills	28mm four fluted	Machinet	4	5500	22000	ds
118	Milling Cutter - T Slot Cutter with Parallel Shank	17.5 x 4 mm Width x Diameter of Shank 8 mm	Machinet	2	5500	11000	ds
119	Milling Cutter - Double Angle Unequal	50x12x27 mm bore dia 75 degree	Machinet	1	5500	5500	ds
120	Centre Punch	100 mm	Machinet	25	40	900	ds
121	File Smooth	200 mm	Machinet	21	150	3150	ds
122	Straight Edge Steel	500 mm	Machinet	1	1300	1300	ds
123	Straight Edge Steel	1.0m	Machinet	1	2500	2500	ds
124	Adjustable Spanner	300 mm	Machinet	2	450	900	ds

125	Bench vice	150 mm Jaw	Machinist	4	4500	18000	Rs
126	Knurling Tool	Set of 3 (Straight & Diamond) 1 Each	Machinist	1	1500	1500	Rs
127	Micrometer Depth Gauge	0-200 mm reading 5 01 mm	Machinist	1	12500	12500	Rs
128	Computer Latent Version		Machinist	6	40000	240000	Rs
129	Split AC Unit type 2 TR Capacity with Stand	2 Ton capacity	Machinist	1	50000	50000	Rs
130	Pedestal Grinder	200 mm wheel dia	Machinist	1	20000	20000	Rs
131	Tenon Saw with Handle	300 mm	Carpenter	10	350	3500	Rs
132	Contraction Measuring Scale	2 Ft	Carpenter	50	85	4250	Rs
133	Portable Disc Sander	200 mm dia	Carpenter	2	4500	9000	Rs
134	Air bag simulator	Driver Co Driver Air Bags Seat belts with front seat crash sensors or baby ECU Wiring harness	MMV	1	115000	115000	Rs
135	Air conditioned CRDI Vehicle in running condition (MT)	New vehicle with CRDI engine 24 strokes 24 cylinders 55 CV Year with air condition	MMV	1	3000000	3000000	Rs
136	Air conditioning service Unit Car	Service for R 134A Recovery with vacuum pump automatic charging after recharging	MMV	1	125000	125000	Rs
137	Automotive exhaust 5 gas analyzer petrol Diesel or Diesel Smoke meter	Exhaust 5 Gas Analyzer Petrol 45A approved to check CO-CO2 O2 and HC NO. Diesel Smoke Meter ASD approved	MMV	1	95000	95000	Rs
138	Diesel Engine CRDI - 4 stroke/for Dismantling and Assembling with Swiveling Stand.	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine 1100-1200cc with ECM BCM and sensors wiring fuel feed injection system instrument cluster	MMV	1	65000	65000	Rs
139	Four stroke petrol engine with CWG setup/working condition	Latest 4 Stroke 24 cylinder MPI in running condition 1000-1200cc with ECM BCM and all sensors wiring fuel feed injection system instrument cluster with CWG Petrol selector switch on Petrol's steel CWG oil	MMV	1	325000	325000	Rs
140	Heavy Commercial vehicle	Fitted with Latest 24 cylinder CRDI Diesel engine with all parts and accessories. Without body or frame Engine Capacity 4500 - 6000 cc/3.5 to 4 Cylinders 8 Valve	MMV	1	450000	450000	Rs
141	MPI petrol engine with swiveling stand along with special tools for dismantling and assembling	Latest 4 Stroke 24 cylinder MPI in running condition 1000-1200cc with ECM BCM and all sensors wiring fuel feed injection system instrument cluster	MMV	1	75000	75000	Rs
142	Transfer case with stand for Dismantling and assembly	To show the gear mechanism of forward and reverse speeds	MMV	1	25000	25000	Rs
143	Two post car lift capacity 4500 kg	Hydraulic Type with Mechanical Arms Locking	MMV	1	25000	25000	Rs
144	Ultrasonic Injection cleaning equipment	Fuel injection spray pattern test with fuel auto programming nozzle ultrasonic test with tank/kit 1000 ml, LR 300 Tank with LR 500 Head	MMV	1	35000	35000	Rs
145	Wheel alignment Machine computerized 3D Optional	Latest machine for four wheel alignment. With connected camera or Lighting Source not. StarRail/Star metal based should work a highlight	MMV	1	85000	85000	Rs
146	Wheel balancing machine	For wheel balancing of MT/ Motor 0.5 HP Shaft Diameter 6mm 32mm. Horizontal Range-way Balancing rubber nut of metal	MMV	1	145000	145000	Rs
147	Working Condition of Diesel Engine CRDI - 4 stroke Engine Assembly with fault simulation board	Latest 4 Stroke 4 cylinder turbo charged CRDI Engine 1100-1200cc with ECM BCM and sensors wiring fuel feed injection system instrument cluster with Fault setting bank for electronic 8 sensors and with diagnostic scope linked the Fault Engine management about diagnosis to be printed on the panel board	MMV	1	350000	350000	Rs

148	Working model of Air Brake Assembly	Two front drums sectioned to show the internal working. Front drum cut by hand. Rear brake drum assembly without drum with brake shoe line/valve/air compressor air shoe adjusted valves air pressure gauges Spring brake adjuster Stop light Brake Chamber WOB accessories	MMV	1	12500	12500	do
149	Battery-charger	Capable to charge/batteries from 5Ah 150Ah	MMV	2	6000	12000	do
150	Blue Lamp 1 liter	1 liter	MMV	2	450	900	do
151	Harbore frame	adjustable 20-30 cm	MMV	2	250	500	do
152	Injector testing set	Hard water	MMV	1	1250	1250	do
153	Circle pliers Expanding and contracting 33 cm	15cm	MMV	8	650	5200	do
154	Circle pliers Expanding and contracting 20CM	20CM	MMV	8	650	5200	do
155	Multi Scan Tool To scan Engine ABS EBD AT SAS Body Control and Immobilizer	Should perform automotive sensor simulation test specially designed to diagnose and simulate vehicle sensors/bits for sensors like MAP sensor Intake air temperature sensor TP sensor etc.	MMV	1	50000	50000	do
156	Cut section of 6 cylinder diesel engine in running condition to show movement of internal parts	6 cylinder diesel engine in running condition to show movement of internal parts and governing.2Duty other light die cast long order with spurs from the fuel nozzles	MMV	1	45000	45000	do
157	Diesel Engine six Cylinder in running condition	Latest Diesel Engine CR22 4 Stroke 6 Cylinders Turbocharged Engine in running condition. 4000 - 9000 cc Ad sensors with fuel feed cooling system instrument cluster	MMV	1	175000	175000	do
158	Type Changer Machine	Universal Pneumatic Type for stamping/press and load breaking facility with air inflating device	MMV	1	80000	80000	do
159	Steering assembly - 1.Rack piston	1. Rack Piston with steering wheel column to rod end. 2. Worm-Roller steering assembly with drop arm. 3. Recirculating Ballsteering with pinion shaft and drop Arm. 4. Hydraulic working power steering with steering wheel column flow pipe hydraulic pump oil reservoir. 5. Electric Assisted PowerSteering with Rack andpinion Electric Motor and Motor Control Module	MMV	1	6000	6000	do
160	Steering assembly - 2.Worm roller	1. Rack Piston with steering wheel column to rod end. 2. Worm-Roller steering assembly with drop arm. 3. Recirculating Ballsteering with pinion shaft and drop Arm. 4. Hydraulic working power steering with steering wheel column flow pipe hydraulic pump oil reservoir. 5. Electric Assisted PowerSteering with Rack andpinion Electric Motor and Motor Control Module	MMV	1	6000	6000	do
161	Steering assembly -3. Recirculating ball	1. Rack Piston with steering wheel column to rod end. 2. Worm-Roller steering assembly with drop arm. 3. Recirculating Ballsteering with pinion shaft and drop Arm. 4. Hydraulic working power steering with steering wheel column flow pipe hydraulic pump oil reservoir. 5. Electric Assisted PowerSteering with Rack andpinion Electric Motor and Motor Control Module	MMV	1	6000	6000	do
162	Steering assembly -4.Power steering	1. Rack Piston with steering wheel column to rod end. 2. Worm-Roller steering assembly with drop arm. 3. Recirculating Ballsteering with pinion shaft and drop Arm. 4. Hydraulic working power steering with steering wheel column flow pipe hydraulic pump oil reservoir. 5. Electric Assisted PowerSteering with Rack andpinion Electric Motor and Motor Control Module	MMV	1	6000	6000	do

63	Steering assembly -5. Electric Assisted Power Steering	1. Rack-Pinion with steering wheel column to red end. 2. Worm Motor steering assembly with drop arm. 3. Reconnecting Ballbearing with upper shaft and drop Arm. 4. Hydraulic working power steering with steering wheel column flow pipe hydraulic pump at reserve. 5. Electric Assisted Power Steering with Rack and Pinion Electric Motor and Motor Control Module	MNV	1	8000	6000	80
64	Frost free refrigerator	200 L carrying with HC panel	RAC	1	27000	27000	80
65	Three door refrigerator inverter type	200 L Carrying with HC R-600a	RAC	2	55000	110000	80
66	BLDC motor with controller	15 to 30 watts 315 volt DC	RAC	2	8500	17000	80
67	IGBT Pulse Generation type motor	15 watt 250 volt AC	RAC	1	9500	9500	80
68	Core Drill Machine	Different size of bore for R 134a, R22 and R410	RAC	3	800	2400	80
69	Gauge Manifold with gauges	2 ton capacity	RAC	1	30000	30000	80
70	Display Cabinet		RAC	1	40000	40000	80
71	Mini AC tutorial model	50 kg load	RAC	3	18000	18000	80
72	Automatic ice cube machine		RAC	1	35000	35000	80
73	Storage type water cooler hot and cold	200 Lit Bottle Type inside-Cover with RFC 134A recompressing Compressor	RAC	1	65000	65000	80
74	Mini cooler		RAC	1	65000	65000	80
75	Mini-RTU unit with two indoor units 2.5TR each and 5TR capacity unit clean unit complete with air cooled condenser accessories and mounting	1.5 TR	RAC	2	45000	90000	80
76	Split AC inverter technology	Small size	RAC	1	7800	7800	80
77	Absorption System	CFC, HFC & HCFC	RAC	2	50000	100000	80
78	Recovery unit with cylinder	2 Ton capacity	Steel/Engh	2	30000	100000	80
79	Split AC Unit type 2 TR Capacity with Stabilizer	2 Ton capacity	Welder	34	890	30250	80
80	Split AC Unit type 2 TR Capacity with Stabilizer	2 Ton capacity	Welder	34	420	14280	80
81	Welding Power Meter	1k	Welder	34	340	11560	80
82	Standard File 350 mm	Round 300 mm		4	8000	32000	80
83	Hackware frame	2xAC Power Supply 5WattSquare TTL Generator DataSwitches LED indicator (50)Chips 8 in 1multimeter/Heating Conductivity effects	Electronics	2	31000	20400	80
84	Digital and Analog Bread Board Trainer	Core kit ready to run programmer for AT89C51E2 in programming modes (SPI) and PC (serial) Device learning with through simulation software	Electronics	3	27880	44800	80
85	Microcontroller kits 8051 along with programming software Assembly level Programming		Electronics	3	27880	44800	80
86	Fiber optic communication trainer		Electronics	3	27880	44800	80
87	Smart phones of different make and model/lines			1	14000	14000	80
88	Solar Training Kit Simulator	With built in meters for DC/AC AC multiFunction Meter for AC ACV Power/Resistivity Protection Circuit& 10 sensors for making Precise measurements Dual axis tracking system Charge Controller PWM Load/MPPT Charging Stage Subsystems and Panel	Electronics	2	9000	18000	80
89	LED lighting system	Measurement of Power/voltage Current Power Factor and Light output performance of different lighting products like LED CFL of variable voltages (0 to 240v variable AC)	Electronics	1	40000	40000	80
90	Computer based Version	Latest Configuration	Painter	2	65000	130000	80
91	Rain spray with gravity feed cup with complete accessories	with complete accessories (2.5)					

192	Conventional spray gun for pressure feed	with complete accessories	Painter	1	45000	45000	db
193	Electric Spray Gun	with complete accessories	Painter	1	35000	35000	db
194	Pencl Hardness Tester		Painter	1	25000	50000	db
195	Airless Spray gun unit with complete accessories	with complete accessories	Painter	1	35000	35000	db
196	Sealer Drum Press Pump with Sealer gun assembly with complete accessories	with complete accessories	Painter	1	45000	45000	db
197	Side Draught Dry Paint	Working Dimensions mm 2580Wx2290Dx1200H 155Wx1320Dx204H	Painter	1	200000	200000	db
198	Power coating set up with gun booth oven		Painter	1	25000	25000	db
199	Tower ladder on type wheels	Max 10m Max 300	Wireman	2	23000	46000	db
200	Portable extension ladder	Automatic 6 to 8 meters	Wireman	1	18000	18000	db
201	D.C. compound motor	3 H.P 200 V with 4 point starter and full regulator Laboratory type with Panel	Wireman	1	30000	30000	db
202	D.C. shunt motor	3 H.P 200 v with 2 point starter and speed regulator Laboratory type with Panel	Wireman	1	20000	20000	db
203	D. C. series motor with 2 point starter	3 H.P 200 v with 2 point starter and speed regulator Laboratory type with Panel	Wireman	1	14500	14500	db
204	DC Power supply	250v DC 25 Amp	Wireman	2	6500	13000	db
205	Split phase motor	12 H.P. single phase 250 V	Wireman	1	7000	7000	db
206	Universal motor	12 H.P ACDC 250 V	Wireman	1	4500	4500	db
207	M.G. Set consisting of squirrel cage induction motor 3 H.P. 400 V cycle with directly coupled compound generator 3K.W. 250 V with built in panel board consisting of	Complete set with accessories	Wireman	1	30000	30000	db
208	Squirrel cage induction motor 3 H.P. 400 V with D.O.L. starter	With Panel	Wireman	1	18500	18500	db
209	Squirrel cage induction motor 3 H.P. 400 V with star delta starter	With panel	Wireman	1	19500	19500	db
210	Automatic star Delta starter		Wireman	1	1500	1500	db
211	Automatic Reverse Forward starter		Wireman	1	4500	9000	db
212	D.O.L. starter		Wireman	1	2800	5200	db
213	Two point starter for DC series motor		Wireman	1	7500	7500	db
214	Soft starter 1ph		Wireman	1	2500	7000	db
215	Soft starter 3ph		Wireman	1	45000	35000	db
216	2kVA Alternator with 3 ph induction motor	with panel	Wireman	1	28500	17000	db
217	5 HP Slip ring induction motor with rotor resistance starter	With panel	Wireman	1	4000	52000	db
218	Solar street light lamp set	50-18 24 volts with Batter Panel	Wireman	1	450	900	db
219	Hydraulic crimping tool for UG cable crimping with bits	20kg mm to 220kg mm	Wireman	1	4000	4000	db
220	Transformer oil testing kit	Automatic 60kv	Wireman	1	1000	10000	db
221	Autotransformer	Three phase 0-500V 100A	Wireman	1	4000	4000	db
222	Current transformer	10V 30A 30V 50A 100V 100A 10V 10A Each	Wireman	4	2500	10000	db
223	Earth leakage circuit breaker ELCB	200A 35mA	Wireman	4	2200	8800	db
224	Metal clad circuit breaker MCCB	220V 1A	Wireman	1	4500	7500	db
225	Conduit pipe bending machine	capable to 15 to 30 mm pipe with complete accessories	Wireman	1	4000	8000	db
226	Potential transformer	220V 10, 300V 10, 440V 10, 600V 10 10V 10A Each	Wireman	1	450	900	db
227	Print Print Set	350 mm	Wireman	1	300	3000	db
228	Hand Vice 50 mm Jaw	50 mm Jaw	Wireman	1	300	300	db
229	Hand Wire Awmester	2-10 Amp	Wireman	1	300	300	db

229	Lead Acid battery	75 Amp. 12 volt	Wireman	2	8000	16000	db
230	Neon Tester 80 Type	300 volt	Wireman	34	130	4420	db
231	Rowal Tool Holder	6, 10, 14, 16 (2) file	Wireman	2	950	1900	db
232	Rubber Gloves	3000 Volt 2 Pair	Wireman	2	750	1500	db
233	Screw Driver set of 5	100 - 300 mm	Wireman	17	500	8500	db
234	Set of Rowal Punch	6, 10 mm	Wireman	13	350	11200	db
235	Set of Wall Jumper Octagonal	17x42mm, 17x40mm (4 set)	Wireman	4	240	960	db
236	Single Phase kWh meter Digital	5 Amp. 240 volt	Wireman	8	370	2960	db
237	Small Crimping Tool assorted type	10-100 mm (set of 5)	Wireman	17	780	28860	db
238	1 Phase kWh meter Digital	25 Amp. 415 volt	Wireman	8	980	7840	db
239	Spanner ring set of 12 metric sizes 6 to 52 mm.		Mechanic Tractor	2	4200	8400	db
240	Steel tool box with lock and key folding type 400x300x150 mm		Mechanic Tractor	5	1700	8500	db
241	2 furrow disc plough with scrapers		Mechanic Tractor	1	25000	25000	db
242	Allen Key set of 12 pieces 2mm to 16mm		Mechanic Tractor	1	580	580	db
243	Chase hand W/R 9 to 40 T.P.L. set of 11 internal		Mechanic Tractor	1	1100	1100	db
244	Dial gauge type 1 Gr. A complete with clamping device and stand		Mechanic Tractor	2	4500	9000	db
245	Driver	3mm	Mechanic Tractor	1	750	750	db
246	Insulated Screw driver 20 cm x brass blade		Mechanic Tractor	10	850	8500	db
247	Insulated Screw driver 30 cm x brass blade		Mechanic Tractor	10	250	2500	db
248	Lifting jack screw type 3 ton capacity		Mechanic Tractor	2	1540	3080	db
249	Phillips Screw Driver set of 5 pieces 100 mm to 400 mm		Mechanic Tractor	1	1850	1850	db
250	Portable oil monitoring indicator		Mechanic Tractor	1	750	750	db
251	Rear axle assembly gear box steering box assembly of the Diesel engine		Mechanic Tractor	1	35000	35000	db
252	Spanner D.E. set of 12 pieces 6mm to 32mm		Mechanic Tractor	2	1800	3600	db
253	Spanners socket with speed handle T bar ratchet and universal upto 32 mm set of 28 pieces with box		Mechanic Tractor	4	3600	14400	db
254	Spring tension tester		Mechanic Tractor	1	500	500	db
255	Various gauge to read 0 to 760 mm of hg.		Mechanic Tractor	2	450	900	db
256	vernier caliper 0-300 mm with least count 0.02mm		Mechanic Tractor	5	3500	17500	db
257	Voltmeter 50VDC		Mechanic Tractor	4	450	1800	db
258	Wire Gauge metric		Mechanic Tractor	1	90	90	db
259	Work bench	250 x 120 x 90 cm with 4 vice 12cm jaw	Mechanic Tractor	1	25000	25000	db
260	Injector Multi hole type		Mechanic Tractor	4	3500	14000	db
261	Spanners socket with speed handle T bar ratchet and universal upto 32 mm set of 28 pieces with box	6 to 32 mm	Mechanic Diesel	2	3500	14000	db
262	Calliper inside with spring	10 mm	Mechanic Diesel	10	450	4500	db
263	Callipers outside with spring	10 mm	Mechanic Diesel	10	450	4500	db
264	Dividers with spring	16 mm	Mechanic Diesel	12	450	5400	db
265	Phillips Screw Driver set of 5 pieces	100 mm to 300 mm	Mechanic Diesel	7	1350	9450	db
266	Autotive exhaust 5 gas analyser petrol Diesel or Diesel Smokemeter		Mechanic Diesel	1	45000	45000	db
267	Diesel Engine C/EA - 4 stroke	Demantling and assembly with Sawing stand	Mechanic Diesel	1	45000	45000	db

266	Multi Scan Tool with oscilloscope		Mechanic Diesel	1	40000	40000	do
269	Cut section of 40 cylinder diesel engine with moving condition to show momentum of internal parts		Mechanic Diesel	1	25000	25000	do
270	Diesel Engine six Cylinder in running condition		Mechanic Diesel	1	125000	125000	do
271	Air catcher with standard accessories		Mechanic Diesel	2	4500	9120	do
272	Battery Charger	5 meters flexible in case	Mechanic Diesel	1	4500	4500	do
273	Blow lamp	1 liter	Mechanic Diesel	1	120	120	do
274	Crank pliers Expanding and contracting	15cm	Mechanic Diesel	1	250	250	do
275	Hand operated crimping tool	up to 8mm	Mechanic Diesel	2	450	900	do
276	Hand reamers adjustable	10.5 to 11.25 mm-11.25 to 12.75 mm 12.75 to 14.25 mm and 14.25 to 15.75 mm	Mechanic Diesel	2	1250	2500	do
277	Set of stock and dies -Metric		Mechanic Diesel	2	1500	3000	do
278	Fuel injection pump VI pump/Distributor fuel rotary pump (DFC) pumps/along with special tools and accessories		Mechanic Diesel	1	8000	8000	do
279	Thermocouple Shear	400 mm x 60mm	Mechanic Diesel	2	10000	20000	do
280	Instrument for total station	On/Off LCD display on both side Multi function key board on both side. Able to interchange between GPS and Total station without any data conversion Minimum 8 hours rechargeable sun battery. Poly and Prism 2000 each	DMC	2	58000	116000	do
281	Screen for projector	vertical	DMC	2	12500	25000	do
282	Smart board-interactive board		DMC	2	25000	50000	do
283	Plane table	with stand with accessories include trough compass spirit level U box plumb bob etc	DMC	2	8500	17000	do
284	Templates		DMC	4	125	500	do
285	Pneumatic Compass with Stand	110 mm dia	DMC	1	8500	8500	do
286	Surveying Staff	4 mtr Leading to 5 mtr telescopic type	DMC	1	4500	4500	do
287	Laptop with latest configuration		DMC	2	60000	120000	do
288	Dual DC regulated power supply	30-0-30 V 2 Amper	TPES	4	12500	50000	do
289	CHO Dual trace	20 MHz component testing facilities	TPES	1	15000	15000	do
290	Analog multimeter		TPES	2	1500	3000	do
291	Diode tester	3 Amper	TPES	2	1500	3000	do
292	Analog Component Trainer	Breadboard for Circuit design with necessary DC AC power supply 8 pin DIP socket 16 pin DIP socket Resistor bank Capacitor bank Potentiometer Diodes Zener diodes NPNs Transistor In addition MODFET LED Bread board Ready to use Departmental Boards Lab Manual with list of experiments to perform various experiments	TPES	2	16000	32000	do
293	Dc Amp trainer	10V (2 and 5V) fixed DC power supply 8pin DIP socket 16 pin DIP socket Resistor bank Capacitor bank Potentiometers Bread board Built in voltmeter sine square and triangular waveforms	TPES	2	8500	17000	do
294	Digital and Analog Bread Board Trainer	DCAC Power Supply sine square TTL Generator Data Switched LED indicator LED Display 8 in row Simulation Training Center through software	TPES	2	9500	19000	do

285	SMD Soldering De-soldering Station with necessary accessories	SMD Re-work Station (Soldering station) Output Voltage:0V-40V AC Temp Range: 50 to 400 C Desoldering Station:Output Voltage: 0V-40V AC Vacuum Generator Vacuum pump double cylinder type Vacuum Pressure: 60 k Pa Suction flow: 15 L/min Hot air station Air flow: 1-9 L/min Temp: 0 to 500 C Heat pipe of hot air station etc	TPES	2	12500	25000	db
286	Microcontroller kits 8051 along with programming software Assembly level Programming	Kit-8051 ready to use programmer for AT89C51SD 8K programming modes: Hex, Pad and PC mode. Detailed learning content through simulation software	TPES	1	10200	10200	db
287	DC Power supply	12V 2A	TPES	2	8000	17000	db
288	DC Power supply	5V 2A	TPES	1	8000	8000	db
289	Sensor Trainer Kit containing following Sensors:1. Thermocouple,2. RTD,3. Load Cell Strain Gauge,4. LVDT,5. Smoke Detector Sensor,6. Speed Sensor,7. Limit Switch,8. Photo sensor,9. Optocoupler,10. Proximity Sensor	Graphical touch LCD with inbuilt processor for viewing the output waveform, Inbuilt DAC and standard processing circuits like Inverting Non Inverting Power Comparison Instrumentation Differential Amplifier FVV/VV Converter Sensors RTD NTC Thermistor LM35 Thermocouple Galvanic Sensor Load cell LVDT Sensor Speed Sensor	TPES	1	25000	50000	db
290	Bench vice	125mm Jaw	TPES	1	3500	3500	db
291	Signal Generator with Digital Display for Frequency Amplitude	10 Hz to 100 kHz 5000 Ohms output impedance	TPES	1	2500	9500	db
292	Clamp meter	0 - 10 A	TPES	1	150	250	db
293	Multimeter AC	0-200 mA	TPES	2	370	1300	db
294	Multimeter DC	0-500 mA	TPES	2	450	1300	db
295	Application kits for Microcontrollers & different applications	1. Input Interface kit: 8051 Keypad ADC Key PWD Four Input Switch,2. Display Module: 16X2 LCD Seven Segment LED Bar Display, ADC DAC Module with motor, pressure, DCDAC0004, PC Interface RS232 USB & Modem Drive DC Servo Motor, DAC Data Acquisition based different sensor signals	TPES	1	9500	9500	db
296	Fiber optic communication trainer	Fiber Optics Analog Digital Time Resolver with 600nm 300mW Laser Generator with variable gain Four Seven Segment Display 800 Counter Eye Pattern	TPES	2	12500	25000	db
297	Welder stripper Caring tool for 500 series cable		TPES	1	1200	1200	db
298	Center conductor cleaner		TPES	1	450	450	db
299	Universal strip trimmer for RG 611 cables		TPES	1	350	450	db
300	F-connector tool for RG 611 cables		TPES	1	450	450	db
301	F-connector compression tool for RG 611 cables		TPES	1	400	450	db
302	Solar Training Kit Simulator	With built in meters for DCV DCA AC Multirange Meter for AC/ACV Power Frequency Protection Circuits 10-10 terminals Remaking the connection Single Dual and Halfing system Charge Controller PWM based MPPT Charging Stage Bulk Regulation and Load	TPES	1	14500	14500	db
303	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 240V variable AC	TPES	2	4500	13000	db
304	Star Delta Starter for 5 HP Motor	Manual	TPES	1	3500	2500	db
305	Star Delta Starter for 5 HP Motor	Automatic	TPES	1	5500	5500	db
306	Split AC Unit type 2 TR Capacity with Stabilizer	2 ton capacity	Swing Technology	2	50000	100000	db
307	Marking Table 900x600x950 mm	900x600x950 mm height	Plumber	1	20000	20000	db
308	Combination Set	200 mm	Plumber	1	2200	2200	db

319	Portable Forge	400 mm with Hand Blow	Plumber	1	25000	25000	ds
320	Solar Water Heater System		Plumber	1	25000	25000	ds
321	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Electronics	1	350000	350000	ds
322	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Electrician	1	350000	350000	ds
323	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	DMM	1	350000	350000	ds
324	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	CPFA	1	350000	350000	ds
325	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Welder	1	350000	350000	ds
326	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Typper	1	350000	350000	ds
327	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Machinist	1	350000	350000	ds
328	Digital Board Model - VDUS5HTH-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Sewing Technology	1	350000	350000	ds
Total						11200000	

Year :- 4 (Minor Civil Work) (2021-22)							
Sr. No.	Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate/Unit (in INR lakh)	Total (in INR lakh)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1	For All Trades	Renovation & Installation of Machinery	All Trades	For all trades	400000	400000	Shopping/Gen Portal / Jaryana https://www.ncs.in
Year :- 4 (Training of teaching and management staff) (2021-22)							
1	For All Trades	For All Staff Training	For All Courses	For all trades	200000	200000	Shopping/Gen Portal / Jaryana https://www.ncs.in
Year :- 4 (ICT Infrastructure) (2021-22)							

3	For All Trades	For ICT Infrastructure	All Trades	For all trades	200000	200000	Shopping/Gem Portal / Naryans e-procurement/NCS
Year :- 4 (Purchase of books and other learning materials) (2021-22)							
1	For All Trades	Purchase of books and other learning materials	For All Courses	For all trades	100000	100000	Shopping/Gem Portal / Naryans e-procurement/NCS
Year :- 4 (Facilities for trainees) (2021-22)							
1	For All Trades	Facilities for all trainees i.e. for transportation charges for OD etc.	For All Courses	For all trades	800000	800000	Shopping/Gem Portal / Naryans e-procurement/NCS

A. Items to be procured in Year-5

Year :- 5 (Equipments, Furniture and other goods) (2022-23)

1	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Printer	1	950000	950000	Gem Portal/ Naryans/e-procurement orders
2	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	MAC	1	350000	350000	do
3	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Welder	1	350000	350000	do
4	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Steno English	1	350000	350000	do
5	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Dress MAKING	1	350000	350000	do
7	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	IT Lab	1	300000	300000	do
8	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	MMV	1	350000	350000	do
9	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Diesel Mechani	1	350000	350000	do
10	Digital Board Model - VDUG1HT1-B	Frame/Housing, Cabinet for Computer, Multimedia controller and visualizer, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Tractor Mechani	1	350000	350000	do

11	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Filter	1	35000	35000	ds
12	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Gen Informatics	1	35000	35000	ds
13	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	EMC	1	35000	35000	ds
14	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	radiology	1	35000	35000	ds
15	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Carpentry	1	35000	35000	ds
16	Digital Board Model - VDUSHTH-B	Frame Housing, Cabinet for Computer, Multimedia controller and monitor, Computer, Multimedia controller, In-built Visual presenter, Display, System audio sound bar, Power Back up	Plumber	1	35000	35000	ds
17	Computer latest Version	Latest Configuration	All Trades	6	40000	240000	
18	Cultural Printer A4	A4 Size	Printer	1	10000	10000	
Total						550000	

Year -> 5 (Minor Civil Work) (2022-23)

Sr. No.	Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate/Unit (in INR lakh)	Total (in INR lakh)	Method of Procurement (e.g. Shopping/Competitive Bidding)
1	For All Trades	Renovation & Installation of Machinery	All Trades	For all trades	40000	40000	Shopping/Gen Portal / Naryana eprocure tenders/NCB

Year -> 5 (Training of teaching and management staff) (2022-23)

1	For All Trades	For All Staff Training	For All Courses	For all trades	20000	20000	Shopping/Gen Portal / Naryana eprocure tenders/NCB
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Year -> 5 (ICT Infrastructure) (2022-23)

1	For All Trades	For ICT Infrastructure	All trades	For all trades	20000	20000	Shopping/Gen Portal / Naryana eprocure tenders/NCB
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Year -> 5 (Purchase of books and other learning materials) (2022-23)

1	For All Trades	Purchase of books and other learning materials	For All Courses	For all trades	100000	100000	Shopping/Green Portal / Haryana eprocurement/nders/NCS
Year :- 5 (Facilities for trainees) (2022-23)							
1	For All Trades	Facilities for all trainees i.e. for transportation charges for GIT est.	For All Courses	For all trades	100000	100000	Shopping/Green Portal / Haryana eprocurement/nders/NCS