


PROCUREMENT PLAN SUBMITTED BY IMC Govt. ITI.,VIJAYAWADA, UNDER STRIVE PROJECT

Name of the ITI:-GR28000151-GOVT ITI VIJAYAWADA, AP

ITEMS TO BE PROCURED IN YEAR -01

Package-01

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
1	CNC Vertical Machining Centre (Specification as per Annexure -A including tool components)	* ACCICERYS	Machinist	1	2490000	2490000	Competative Bidding
	 MACHINE CAPACITY	Units					
	Table size	500x250 or higher (In Units-mm)					
	Max. load on table	150 or higher (In Units-Kg)					
	T slot dimension (N x W x P)	3 x 14 x 100 or higher (In Units-mm)					
	Table height from floor	800 ~ 900 (In Units-mm)					
	Cast Iron grade for bed and saddle	(In Units-Grade 25 or equivalent)					
	Machine net weight	1500 or higher (In Units-kg)					
	SPINDLE						
	Spindle nose	(In Units-BT30 / BT40)					
	Minimum distance (spindle nose to table)	100 - 150 (In Units-mm)					
	Maximum spindle speed	6000 or higher (In Units-RPM)					
	Spindle power, continuous	3.7 or higher (In Units-kW)					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Type of drive	(In Units-AC servo spindle motor (digital))					
	Spindle bearing class	(In Units-P4)					
	Front Bearing Dia. (ID)	50 or higher (In Units-mm)					
	AXES						
	X - axis Travel	300 or higher (In Units-mm)					
	Y - axis Travel	250 or higher (In Units-mm)					
	Z - axis Travel	250 or higher (In Units-mm)					
	Rapid traverse - X/Y/Z	20/20/20 or higher (In Units-m/min)					
	Minimum programmable command- X/Y/ Z	0.001 (In Units-mm)					
	Programmable feed range - X, Y & Z axes	10 - 10000 (In Units-mm/min)					
	Type of drive	(In Units-AC servo motor)					
	Motor Torque - X & Y axes	3 or higher (In Units-Nm)					
	Motor torque - Z axis	6 or higher with brake (In Units-Nm)					
	Ball screw - X, Y & Z axes (diameter x pitch)	25 x 10 or higher (In Units-mm)					
	Ball screw finish - X, Y & Z axes	(In Units-Ground and hardened)					
	Ball screw class - X, Y & Z axes	(In Units-Pre-loaded with C3 or better)					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Guideways - X, Y & Z axes	(In Units-Antifriction linear motion guideway)					
	Guideways size - X, Y & Z axes	25 or higher (In Units-mm)					
	Guideway precision - X, Y, & Z axes	(In Units-P Class)					
	AUTOMATIC TOOL CHANGER						
	Number of tool pockets	8 or higher (In Units-Nos)					
	Max tool diameter	80 or higher (In Units-mm)					
	Tool selection	(In Units-Bi-directional)					
	Tool shank type	(In Units-BT30 / BT40)					
	Tool weight max	2.5 for BT30 / 6 for BT40 (In Units-kg)					
	Tool length max	100 ~150 for BT30 / 150~200 for BT40 (In Units-mm)					
	Tool change time (chip to chip)	5 or lower (In Units-sec)					
	Tool clamp & unclamp	(In Units-Disc Spring & Hydro-Pneumatic)					
	ACCURACY as per ISO 230-2						
	Positioning accuracy for X,Y & Z axes	0.012 (In Units-mm)					
	Repeatability for X,Y & Z axes	±0.007 (In Units-mm)					
	Geometrical Alignment	ISO 10791-Part 1 (In Units-)					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Accuracy of finish test piece	ISO 10791-Part 7 (In Units-)					
	CNC SYSTEM						
	Control System	FANUC/Siemens					
	Motors & Drives	Compatible with CNC controllers as mentioned above					
	System resolution	0.001 mm					
	Tool number display	On machine operator panel					
	Machine control panel	Feed rate, spindle speed override knob					
	MPG (Manual pulse generator)	On machine operator panel					
	CNC Features	Graphic Simulation, Programming help, Tool Offsets MDI					
		Absolute/Incremental Positioning, Pitch error compensation					
	COOLANT/LUBRICATION						
	Coolant tank Capacity	100 or higher (In Units-Litres)					
	Coolant pump motor	0.37 (In Units-kW)					
	Coolant pump output	20 or higher (In Units-lpm)					
	Lubrication type	Automatic centralized lubrication (In Units-)					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Lubrication tank capacity	3 or higher (In Units-Litres)					
	AIR COMPRESSOR FOR TOOL UNCLAMP						
	Compressor Type	Screw type with dryer, filter & air receiver (In Units-)					
	Tank capacity	200 or higher (In Units-litres)					
	Air Flow	10 or higher (In Units-CFM)					
	Pressure	7 max. (In Units-bar)					
	POWER SOURCE						
	Mains supply ($\pm 10\%$)	415 V, 3 Ph., 50Hz (In Units-)					
	Total connected load requirement	Approx. 15 kVA (In Units-)					
	STANDARD EQUIPMENT						
	Voltage Stabilizer	15 kVA					
	Air conditioning unit for electrical cabinet	1 no.					
	Backup CD for PLC Ladder Logic	1 no.					
	Machine lightning	1 no.					
	Leveling pads and jacking screws	4 nos.					
	Operation manual	1 no.					
	Maintenance manual	1 no.					
	Installation kit	1 no.					
	Maintenance tool kit	1 no.					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	6 rack tool trolley (Size 25"x22"x45") with lock	1 no.					
	Machine guarding with safety compliance	1 no.					
	MAKES OF CRITICAL COMPONENTS						
	LM guideways	HIWIN/THK/PMI/STAR					
	Ball Screws	HIWIN/THK/TSUBAKI/PMI/STAR/HMT/NSK					
	Spindle Bearings	RHP/NSK/FAG/SKF/NRB					
	ATC	PRAGATI/GIFU					
	Panel AC	WERNER FINLEY/RITTAL/LEXTECNOID					
	Stabilizer	NEEL/SE RVOMAX/CONSUL/FARM AX					
	Lubrication	CENLUBE/DROPCO					
	Coolant Pump	RAJAMANE/GRU NDFOS					
	Cutting tools and holders	SANDVIK/TAEGUTEC/KEN NAMETAL/SECO/MIITSUBI SHI					
	Air compressor (capacity: 6 kg/cm ² - 300 lpm min.)	GODREJ/ELGI/KAESER/ATL ASCOPCO					

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Cutting Tools & Tool Holders (for BT30 or BT40 as per machine supplied)						
	Face mill 45 degree 63 mm. insert type	Suitable inserts set of 5		4			
	Face mill square shoulder 50 mm., insert type	Suitable inserts set of 5		4			
	Twist drill HSS straight shank 6, 6.7, 8.5, 9.7	20		4			
	Spot drill Carbide, dia. 8 mm X 90°	20		4			
	Drill insert type - 16 mm.	Suitable inserts 5sets 10		4			
	Solid carbide Twist drill straight shank - 8 mm			4			
	Solid carbide End mill straight shank - 10, 12 mm dia.			4			
	End mill insert type straight shank - 16 mm dia.	Suitable inserts 10sets		4			
	Machine Taps HSS - M8, M10	10		4			
	Solid carbide Reamer straight shank - 10 mm	10		4			
	Finish boring bar dia. 20 to 25 mm	Suitable inserts 10sets		3			
	Holder for face mills (Adapter)	20		4			
	Collets for above drills, reamers, end mills			4 sets			
	Collet holder suitable for collets			4			

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
	Side lock holder for 16 mm insert drill			2			
	Machine vice 0-150 mm range - Mechanical type			1			
	C spanner for tightening tools in holder			2			
	Magnetic dial stand			2			
	Mallet			4			
	Tap wrench			2			
	Hands tools set (spanners, Allen keys, etc.)			1 box			
	T Nuts, Strap clamps, Clamping Nuts and studs			1 set			
	Tap wrench			2			
	Hands tools set (spanners, Allen keys, etc.)			1 box			
	T Nuts, Strap clamps, Clamping Nuts and studs			1 set			
2	Steel Rule with metric & British graduation	150 mm, Stainless steel	Fitter	96	18	1728	Competative Bidding
3	Try Square.	150 mm blade	Fitter	96	80	7680	Competative Bidding
4	Caliper inside spring type.	150 mm	Fitter	96	40	3840	Competative Bidding
5	Caliper hermaphrodite spring type	150 mm	Fitter	96	40	3840	Competative Bidding
6	Caliper outside spring type	150 mm	Fitter	96	45	4320	Competative Bidding
7	Divider spring type	150 mm	Fitter	96	45	4320	Competative Bidding
8	Scriber	150 mm	Fitter	96	45	4320	Competative Bidding
9	Centre Punch	10 mm and Length - 120 mm	Fitter	96	30	2880	Competative Bidding
10	Screw driver	150mm insulated flat type	Fitter	96	50	4800	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
11	Chisel cold flat	20 mm X 150 mm High carbon steel	Fitter	96	100	9600	Competative Bidding
12	Hammer ball peen With handle	450 grams (1 lb)	Fitter	96	225	21600	Competative Bidding
13	Hammer ball peen With handle.	220 grams (1/2 lb)	Fitter	96	150	14400	Competative Bidding
14	File flat - second cut	250 mm	Fitter	96	210	20160	Competative Bidding
15	File flat smooth	250 mm.	Fitter	96	270	25920	Competative Bidding
16	File half round second cut	150 mm.	Fitter	96	300	28800	Competative Bidding
17	Hacksaw frame fixed type	300 mm	Fitter	96	125	12000	Competative Bidding
18	Safety goggles.		Fitter	96	200	19200	Competative Bidding
19	Dot punch	100 mm	Fitter	96	40	3840	Competative Bidding
20	Steel Rule Graduated both in Metric and English Unit	300 mm Stainless steel	Fitter	24	85	2040	Competative Bidding
21	Straight edge steel	300 mm or above	Fitter	12	300	3600	Competative Bidding
22	Almirah.	1800 x 900 x 450 mm	Fitter	6	9000	54000	Competative Bidding
Package-01 Total						2742888	

Package-02

1	CNC LATHE	CNC turning center dia. 200 mm., between center distance 500 mm. At least 8 station turret. Preferably with a popular controller like Fanuc, Siemens, etc.	TURNER	1	2248000	2248000	National Competitive Bidding
---	-----------	--	--------	---	---------	---------	------------------------------

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
2	CENTRE LATHE	Lathe tool room S.S. & S.C. (all geared type) 15 cm center height, 120 cm between centers. Machine to be motorized and supplied with coolant installation, 1-jaw independent chuck 250 mm, 3-jaw self-centering chuck 150 mm fixed steady, traveling steady, face plate, driving plate, 1-way tool post, draw in type collets set up to 25 mm, 0.5 mm, relieving attachments.	TURNER	1	448000	448000	National Competitive Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
3	CENTRE LATHE	Lathe S.S. & S.C.(all geared type) 20 cm. Center height, 120 cm between centers, gap bed machine to be motorized and supplied with coolant installation, 4-jaw independent chuck, 300 mm , 3-jaw self-centering chuck 200 mm fixed steady, face plate, driving plate, 4-way tool post, quick change gear box for Metric/British threads, live and dead centers with taper attachments.	TURNER	1	300000	300000	National Competitive Bidding
4	GRINDING MACHINE	Grinding machine pedestal type D.E. 150 mm dia. Wheel with wheel guard and vision.	TURNER	1	65000	65000	Competative Bidding
5	DRILLING MACHINE	Drill machine pillar type-motorized up to 12 mm. Cap.	TURNER	1	27000	27000	Competative Bidding
6	POWERSAW MACHINE	Power saw machine – hydraulic feed system – 400 mm. Blade size.	TURNER	2	32000	64000	Competative Bidding
7	DRILL CHUCK	Drill chuck 12 mm cap with key	TURNER	8	600	4800	Competative Bidding
8	CNC TOOLS	Multimedia teachware for CNC technology	TURNER	1	200000	200000	National Competitive Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
9	CNC TOOLS	CNC Turning Tools assorted	TURNER	1	35000	35000	Competative Bidding
10	CNC TOOLS	CNC Boring tools assorted	TURNER	1	80000	80000	Competative Bidding
11	CNC TOOLS	CNC Grooving tools (External & Internal)	TURNER	1	48000	48000	Competative Bidding
12	CNC TOOLS	LCD projector / large screen TV	TURNER	1	75000	75000	Competative Bidding
13	CNC TOOLS	Digimatic Electronic Vernier Caliper inch and mm 8"/200 mm. LCM 0.005"/0.001 mm	TURNER	1	60000	60000	Competative Bidding
14	CNC TOOLS	Digimatic electronic outside Micrometer (0 to 25 mm & 25 to 50 mm) LC 0.001 mm.	TURNER	1	10000	10000	Competative Bidding
15	LATHE TOOLS	caliper out side firem spring joint 150 mm 12 nos.each	TURNER	8	60	480	Competative Bidding
16	LATHE TOOLS	Caliper inside firm and spring joint 150 mm	TURNER	8	60	480	Competative Bidding
17	LATHE TOOLS	Capiler odd- leg firem joint 150 mm	TURNER	8	60	480	Competative Bidding
18	LATHE TOOLS	Steel rule 150 mm to read metric	TURNER	12	40	480	Competative Bidding
19	LATHE TOOLS	Scriber 150 mm x3 mm	TURNER	4	40	160	Competative Bidding
20	LATHE TOOLS	Hammer ball pein 250 gm with handle	TURNER	4	160	640	Competative Bidding
21	LATHE TOOLS	Center punch 100 mm	TURNER	8	100	800	Competative Bidding
22	LATHE TOOLS	prick punch 100 mm	TURNER	8	100	800	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
23	LATHE TOOLS	Divider spring joint 150 mm	TURNER	8	60	480	Competative Bidding
24	LATHE TOOLS	Safety goggles clear glass (Good quality)	TURNER	20	80	1600	Competative Bidding
25	LATHE TOOLS	Vernier Caliper Outside , Inside and Depth 200 mm /8 inches with metric & inch	TURNER	8	3000	24000	Competative Bidding
26	LATHE TOOLS	Vernier Micrometer 0-25 mm o/s LC 0.001 mm	TURNER	4	4500	18000	Competative Bidding
27	LATHE TOOLS	Vernier Micrometer 25-50 mm outside reading 0.001 mm	TURNER	4	5000	20000	Competative Bidding
28	LATHE TOOLS	Tap & Die metric setup to 25 mm	TURNER	4	8000	32000	Competative Bidding
29	LATHE TOOLS	Tap & Die B.S.W . Up to 1 inch	TURNER	4	8000	32000	Competative Bidding
30	LATHE TOOLS	Twist Drill taper shank 10to 12 mm by 0.5 mm	TURNER	4	3000	12000	Competative Bidding
31	LATHE TOOLS	Revolving Center (to suit Lathe tailstock)	TURNER	8	2000	16000	Competative Bidding
32	LATHE TOOLS	Micrometer Outside 0 to 25 mm Reading 0.01mm	TURNER	4	3000	12000	Competative Bidding
33	LATHE TOOLS	Micrometer Outside 25 to 50 mm Reading 0.01mm	TURNER	4	3450	13800	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
34	LATHE TOOLS	Micrometer Outside 50to 75 Reading 0.01mm	TURNER	4	3900	15600	Competative Bidding
35	LATHE TOOLS	Spanner adjustable 200 mm	TURNER	8	600	4800	Competative Bidding
36	LATHE TOOLS	Almirah-1980 x 910 x 480 mm	TURNER	8	8500	68000	Competative Bidding
Package-02 Total						3939400	

Package-03

1	Desktop Computers	CPU: 32/64 Bit i3/i5/i7 or latest processor, Speed: 3 GHz or Higher. Cache Memory: - Minimum 3 MB or better. RAM:-8 GB DDR-III or Higher. Hard Disk Drive: 500GB or Higher, 7200 rpm(minimum) or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet(10/100/1000) - Wi-Fi, USB Mouse, USB Keyboard and Monitor (Min. 17 Inch), Standard Ports and connectors. DVD Writer, Speakers And Mic. Licensed Windows Operating System / OEM Pack(Preloaded), Antivirus / Total Security	COPA	10	60000	600000	Competative Bidding
---	-------------------	--	------	----	-------	--------	---------------------

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
2	LCD Projector	LCD Projector with matte(antiglare) screen	COPA	1	40000	40000	Competative Bidding
3	UPS	2KVA online UPS	COPA	1	150000	150000	Competative Bidding
4	Hard Disk	Standalone Hard Disks 500 GB or Higher	COPA	2	5000	10000	Competative Bidding
5	Seam Ripper		Sewing tech	17	20	340	Competative Bidding
6	Thimble		Sewing tech	17	25	425	Competative Bidding
7	French Curve Set of three		Sewing tech	17 sets	35	595	Competative Bidding
8	Thread Cutter		Sewing tech	17	20	340	Competative Bidding
9	Scale plastic 24"		Sewing tech	17	25	425	Competative Bidding
10	Scissors 25 cm		Sewing tech	10	250	2500	Competative Bidding
11	Pinking Shears		Sewing tech	02	250	500	Competative Bidding
12	Leg Shaper – Plastic		Sewing tech	5	150	750	Competative Bidding
13	Garment Hangers		Sewing tech	17	22	374	Competative Bidding
14	Screw Driver Set		Sewing tech	04 sets	250	1000	Competative Bidding
15	Table Sharpener		Sewing tech	04	45	180	Competative Bidding
16	Pressing Table		Sewing tech	03	2000	6000	Competative Bidding
17	Rubber mat (Size as per requirement)		Sewing tech	05	200	1000	Competative Bidding
18	Sprayer		Sewing tech	05	50	250	Competative Bidding
19	Waste Bin Big / Small		Sewing tech	10	200	2000	Competative Bidding
20	Pattern Punch		Sewing tech	05	100	500	Competative Bidding
21	Pattern Notcher		Sewing tech	05	80	400	Competative Bidding
22	Water Tub 60 cm dia		Sewing tech	01	200	200	Competative Bidding
23	Stand for hanging dresses		Sewing tech	02	1000	2000	Competative Bidding
24	Electric Automatic steam press		Sewing tech	05	2000	10000	Competative Bidding
25	Chairs with low back rest or stools for the machines		Sewing tech	5	1500	7500	Competative Bidding
26	Display Board Covered with glass or Acrylic Sheet 120 X		Sewing tech	02	5000	10000	Competative Bidding
27	Instructor Table		Sewing tech	01	6000	6000	Competative Bidding
28	Instructor Chair		Sewing tech	02	3000	6000	Competative Bidding
29	Locks for above pigeon hole		Sewing tech	16	50	800	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
30	Calculator Desk Type		Sewing tech	01	200	200	Competative Bidding
31	White Board with accessories (size as per requirement)		Sewing tech	01	11000	11000	Competative Bidding
32	Dummy Lady , men ,kid(different size)		Sewing tech	01 each	8000	8000	Competative Bidding
33	Single desks for trainees with arrangements of keeping		Sewing tech	16	6000	96000	Competative Bidding
34	White Magnetic Board with Felt board & accessories		Sewing tech	01	9721	9721	Competative Bidding
35	Plane table with stand accessories - alidade, through		D'man Civil	2	18000	36000	Competative Bidding
36	draughtsman table		D'man Civil	40	3000	120000	Competative Bidding
37	draughtsman stools		D'man Civil	40	1200	48000	Competative Bidding
38	mini drafter		D'man Civil	40	400	16000	Competative Bidding
39	Transit Theodolite with stand with all accessories		D'man Civil	1	22000	22000	Competative Bidding
40	Personal Computer with latest configuration min 19 inch LED		D'man Civil	1	35000	35000	Competative Bidding
41	Laptop with latest configuration		D'man Civil	1	42000	42000	Competative Bidding
42	Steel Cupboard 180 x 90x45 Cm		D'man Civil	2	7500	15000	Competative Bidding
43	Steel Cupboard 120 x 90x45 Cm		D'man Civil	4	5000	20000	Competative Bidding
44	classroom tables		D'man Civil	20	3000	60000	Competative Bidding
45	Class room chairs (armless)		D'man Civil	20	2000	40000	Competative Bidding
46	box drawing instruments containing one 15cm compass with		D'man Civil	40	300	12000	Competative Bidding
47	templetes- circle , ellipse, furniture etc...		D'man Civil	4	200	800	Competative Bidding
48	steel tape 30 meters 30 meters long		D'man Civil	2	1000	2000	Competative Bidding
49	gemetrical models (wooden / plastic)		D'man Civil	6	1500	9000	Competative Bidding
50	brass parallel rulers in a case		D'man Civil	4	1500	6000	Competative Bidding
51	proportional dividers 15cm		D'man Civil	6	250	1500	Competative Bidding
52	scales cardboard - metric set		D'man Civil	6	150	900	Competative Bidding
53	scales plotting box		D'man Civil	40	300	12000	Competative Bidding
54	digital planimeter		D'man Civil	2	10000	20000	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
55	Digital and Analog Bread Board Trainer	DC/AC Power Supply, Sine/ Square/ TTL Generator Data Switches, LED indication, LED Display: 8 in Nos Simulation/Teaching Content through software	EM	6	7800	46800	Competative Bidding
56	POWER ELECTRONICS TRAINER		EM	4	30000	120000	Competative Bidding
57	Computers in the assembled		EM	4	35000	140000	Competative Bidding
58	Desktop Computer		ICT LAB	1	60000	60000	Competative Bidding
59	Computer table laminated top 150X650X750 mm with sliding		ICT LAB	2	3500	7000	Competative Bidding
60	Operators chair without arms mounted on castor wheels,		ICT LAB	1	3000	3000	Competative Bidding
61	Network Laser Printer Monochrome A4 Size		ICT LAB	1	30000	30000	Competative Bidding
62	Electrical drill. portable drill with chuck and key.	6.4 mm capacity	Mechanic R&AC	5	1650	8250	Competative Bidding
63	Tong tester. (clamp on multimeter)	0-10-30 amps 0-500 v	Mechanic R&AC	5	1150	5750	Competative Bidding
64	Hand blower portable.	complete 1/10 HP	Mechanic R&AC	2	1850	3700	Competative Bidding
65	Voltmeter, AC/DC portable precision grade Digital Panel board type.	0 to 500 volt	Mechanic R&AC	5	2100	10500	Competative Bidding
66	Ammeter. AC/DC portable precision grade Digital Panel board type.	0 to 30 amp	Mechanic R&AC	5	2100	10500	Competative Bidding
67	Megger.	1000v	Mechanic R&AC	5	2100	10500	Competative Bidding
68	Wattmeter.	multi-range up to 1 KW	Mechanic R&AC	1	2750	2750	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
69	Pressure gauge. Digital type	Diameter 63mm with recalibration set screw.	Mechanic R&AC	5	3500	17500	Competative Bidding
70	Compound gauge. Digital type	Diameter 63mm with recalibration set screw scale vacuum 75mm,pressure 15kg/sq cm	Mechanic R&AC	5	3500	17500	Competative Bidding
71	Split phase induction motor.	¼ HP 230 Volts	Mechanic R&AC	1	4500	4500	Competative Bidding
72	Capacitor start induction motor.	½ HP, 230 Volts	Mechanic R&AC	1	3250	3250	Competative Bidding
73	AC 3 phase Motor. 400/50 Hz	2 HP	Mechanic R&AC	1	9500	9500	Competative Bidding
74	Portable air – LPG brazing kit.	2 kg. LPG cylinder, torches, houses, standard make	Mechanic R&AC	1	3250	3250	Competative Bidding
75	Oxy-acetylene welding set	completecylinders, regulators welding torches with difference nozzles	Mechanic R&AC	1	54500	54500	Competative Bidding
76	Bench Drilling machine.	20 mm capacity, 200-2500rpm	Mechanic R&AC	1	19500	19500	Competative Bidding
77	Gun Spray with Gravity Feed Cup with Complete accessories	with Complete accessories (Capacity- ¼ ltr. , 1/2 ltr. , 1/3ltr. , 1 ltr.)	Painter General	2 Nos. each	30000	60000	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
78	Conventional Spray Gun For Pressure Feed	with Complete accessories	Painter General	2 No.	50000	100000	Competative Bidding
79	Air Compressor	3 Phase, 2 HP	Painter General	1 Nos.	40000	40000	Competative Bidding
80	Air Compressor	single Phase, 1 HP	Painter General	1 Nos.	19000	19000	Competative Bidding
81	Electrostatic spray Gun unit	with complete accessories	Painter General	1 set	31000	31000	Competative Bidding
82	Pipe Vice	12mm to 63mm	PLUMBER	1 No	5500	5500	Competative Bidding
83	Pipe Wrench	300mm		2 No's	600	1200	Competative Bidding
84	Pipe Wrench	450mm		2 No's	800	1600	Competative Bidding
85	Pipe cutter	up to 50mm		1 No	2500	2500	Competative Bidding
86	Pipe Die's & Die stock	up to 100mm		1 Set	6500	6500	Competative Bidding
87	Hacksaw Frames	300mm		6 No's	150	900	Competative Bidding
88	Oil can	1/2 liter capacity		1 No	150	150	Competative Bidding
89	Chain pipe Wrench	up to 100mm		1 No	1500	1500	Competative Bidding
90	Measuring Steel Tape	5 meter	Installation Repair and Maintenance of Home Appliances(NL/S/L4/C 021)	25	300	7500	Competative Bidding
91	Combination Plier Insulated	200 mm		25	1500	37500	Competative Bidding
92	Screwdriver Insulated	4mm X 150 mm, Diamond Head		25	1000	25000	Competative Bidding
93	Screwdriver Insulated	6mm X 150 mm		25	1000	25000	Competative Bidding
94	Electrician screwdriver thin stem insulated handle	4mm X 100 mm		25	800	20000	Competative Bidding
95	Heavy Duty Screwdriver insulated	5mm X 200 mm		25	1100	27500	Competative Bidding
96	Electrician Screwdriver thin stem insulated handle	4mm X 250 mm		25	750	18750	Competative Bidding
97	Punch Centre	9mm X 150 mm		25	500	12500	Competative Bidding
98	Knife Double Bladed Electrician	100 mm		25	400	10000	Competative Bidding
99	Neon Tester	500 V		25	100	2500	Competative Bidding
100	Steel Rule Graduated both in Metric and English Unit	300 mm with precision of 1/4th mm		25	200	5000	Competative Bidding

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
101	Hammer, cross peen with handle	250 grams		25	1000	25000	Competative Bidding
102	Crimping Tool	1.5 sq mm to 16 sq mm		5	2500	12500	Competative Bidding
103	Crimping Tool	16 sq mm to 95 sq mm		5	5000	25000	Competative Bidding
104	Wire Cutter and Stripper	150 mm		10	500	5000	Competative Bidding
105	Tweezers	150 mm		10	250	2500	Competative Bidding
106	Capacitors	Electrolytic Ceramic Polyester film Variable Dual run		5	7500	37500	Competative Bidding
107	Soldering Iron	25-Watt, 65 Watt and 120-Watt, 230 Volt		5	2000	10000	Competative Bidding
108	a. Electric Induction plate	1500 Watt, 240V	Installation Repair and Maintenance of Home Appliances(NL/S/L4/C 021)	2	10000	20000	Competative Bidding
109	b. Electric Kettle	1500 Watts, 240V		2	11000	22000	Competative Bidding
110	c. Electric Iron	Automatic - 750 W, 240 V		2	4000	8000	Competative Bidding
111	d. Immersion Heater	1500 Watt, 240V		2	6000	12000	Competative Bidding
112	e. A.C. Ceiling Fan and AC Table Fan	68-Watt, 230 V		2	7000	14000	Competative Bidding
113	f. Geyser (Storage type)	10 litre		2	10000	20000	Competative Bidding
114	g. Mixture & Grinder	750 W, 240 V		2	9000	18000	Competative Bidding
115	h. Washing Machine Semi-Automatic	h. 5 Kg,		2	35000	70000	Competative Bidding
116	i. Motor Pump set	1 HP, 1 Phase, 240 V		2	20000	40000	Competative Bidding
117	Digital Multi Meter	DC 200mv -1000v,0 – 10A & AC 200mv- 750v , 0-10A, resistance 0-20 MΩ and 3 1/2 digit		2	10000	20000	Competative Bidding

MEMBERS [S/SRI]

= = =

1. B. Sambi Reddy ~~Mambireddy~~
2. Subrah mangayara Rao ~~Chetty~~
3. Rana Krishna Rao ~~K~~
4. Venkata Krishna ~~K~~
5. Dr. P.V. Ramiah Kumar ~~BRamiah~~
6. U.V. Rana Ratu ~~U.V. Rana~~
7. T. Krishna Kishore ~~T. Krishna~~
8. Ch. Srinivas - G. Srinivasu

S.No	Name of items	Specifications	Trade/Course for which it is required	Quantity Required	Rate/Unit (in INR)	Total Amount	Method of Procurement
118	Power Hack Saw Machine	HSS, 250mm10" to 300mm 12"	WELDER / SHORT TERM COURSE GTAW	1	60000	60000	Competative Bidding
119	Angle Grinder	Basch GWS -125-5-inch		1	60000	60000	Competative Bidding
120	Lether Aprons	Lether / Adjustable		10	10000	10000	Competative Bidding
121	Lether Hand Gloves	Lether / Heat resistance		10 pairs	2000	2000	Competative Bidding
122	Fire Extinguishers (Class A,B,C,D&K)	ECO fire ABC Powder type 2Kg		5	10000	10000	Competative Bidding
Package -3 Grand Total						3056050	

PROCUREMENT PLAN SUBMITTED BY IMC Govt. ITI.,VIJAYAWADA, UNDER STRIVE PROJECT



Name of the ITI:-GR28000151-GOVT ITI VIJAYAWADA, AP

ITEMS TO BE PROCURED IN YEAR -01

Package-01	2742888
Package-02	3939400
Package-03	3056050
Grand Total	9738338


Chairman
Institute Management Committee
Government ITI, VIJAYAWADA.


Regional Deputy Director
DEPT. OF EMPLOYMENT & TRAINING
KARINADA.


Member Secretary/Principal
Institute Management Committee
Government ITI, VIJAYAWADA.




PROCUREMENT PLAN SUBMITTED BY IMC

GOVT.I.T.I,VIJAYAWADA

UNDER STRIVE PROJECT

NAME OF THE I.T.I.:GR28000151-GOVT I.T.I VIJAYAWADA,A.P

ITEMS TO BE PROCURED IN YEAR'S-I