

Part C: Procrument Plan

Procurement Plan; IMC to submit the procurement plan for ITI as per Section n4. 2- procurement guidelines in the below format:

Illustrative- Sample Procurement Plan to be submitted by ITI CUTTACK

i. Total Plan procurement Amount (Year 1 to Year 5): **294.215 (in INR lakh)**

ii- Year-wise details of procurement of items (goods, services etc.) are detail below

A. Items to be procured in Year-1 2022-2023

SI No	Name of the Items	Specifications	Trade/ Course for which it is required	Total Required	Method of Procurement (e.g. shopping/ Competitive bidding)
1	CNC Turning Machine	Minimum specification Chuck size-225mm Between centre distance :250mm Travel in X: 155mm travel in Z:550mm No of tool Station-8 station,spindle power 7.9kW, controll system like SIEMENS-828D / FANUC Oi mate Tf with all accessories.	Operator Advance Machine Tool	2 Nos.	GeM/Competative Bidding
2	Simulation Lab		Operator Advance Machine Tool	11 nos	GeM/Competative Bidding
3	CNC offline Simulator		Turner/ Machinist	02 nos	GeM/Competative Bidding
4	PYROMETER - (Pyrometer)		Solar Technician	01 NO	GeM/Competative Biddinng
5	PYRHELIOMETER		Solar Technician	01 NO	GeM/Competative Biddinng
6	MAGNETIC FLUX METER	0-500 TESLA	Solar Technician	02 NOS	GeM/Competative Biddinng
7	SUN SHINE RECORDER		Solar Technician	02 NOS	GeM/Competative Biddinng
8	WEATHER MONITORING STATION	TO MONITORAND RECORD SUNSHINE,WIND VELOCITY, TEMPERATURE, RAINFALL ETC WITH SOFTWARE.	Solar Technician	01 NO	GeM/Competative Biddinng
9	SOLAR CELL BASED SUNLIGHT RADIATION METER	FOR SOLAR POWER MEASUREMENT UP TO 2000W/SQUARE METER.	Solar Technician	02NOS.	GeM/Competative Biddinng
10	SOLAR SIMULATOR FOR SOLAR CELL CHARACTERISTICS STUDY	TO STUDY IV CURVE OF A SOLAR CELL OF MIN 2 WATT UNDER VARIABLE ILLUMINATION, TEMPERATURE AND SUITABLE LOAD.	Solar Technician	01NO.	GeM/Competative Biddinng

11	SUN PATH FINDER		Solar Technician	01 NO	GeM/Competative Bidding
12	SOLAR ENERGY TRAINER WITH GROUPING OF SOLAR CELLS	TO GROUP (SERIES OR PARALLEL) AT LEAST SIX SOLAR CELLS EACH WITH MINIMUM 2 W WITH SUTABLE LOADS.	Solar Technician	01NO.	GeM/Competative Bidding
13	SOLAR TACTER DEMONSTRATER KIT	TO STUDY MANUAL AND AUTOMATIC CONTROL OF 10W SOLAR PANEL IN EAST - WEST AND NORTH SOUTH AND BACK.	Solar Technician	01NO.	GeM/Competative Bidding
14	SOLAR PV e-LEARNING SOFTWARE USING ANIMATIONS FOR TRAINING		Solar Technician	01 LICENSE	GeM/Competative Bidding
15	MPPT CHARGE CONTROLLER		Solar Technician	04 NOS	GeM/Competative Bidding
16	SOLAR GRID TIED INVERTER DEMONSTRATOR KIT	300W KW	Solar Technician	01 NO	GeM/Competative Bidding
17	SOLAR STREET LIGHT	12V,75Ah BATTERY,75 Wp SOLAR PANEL ,12V ,10A DUSK TO DAWN CHARGE CONTROLLER, 15W LED LIGHTS WITH SUITABLE COLOURS AND 9 m HEIGHT POLE ALL DISMOUNTABLE.	Solar Technician	01NO.	GeM/Competative Bidding
18	DEMONSTRATION KIT FOR WIND GENERATION (WIND TURBINE WITH BLOWER)	300WATT.	Solar Technician	01 NO	GeM/Competative Bidding
19	Multi Scan Tools	IAD OEM MAX is a professional multi bran scanning, daignosis and programming tool for cars which engine,ABS system,EBD systems,SRS,Body control module,EPS system,IC system,HVAC system,TCM system And Immobilizer system.	MMV	01 NO	GeM/Competative Bidding
20	IT Infrastructure	PC,Interactive display board,networking, Furnitures, etc.			

C/o

A. Items to be procured in Year-1 2023-2024

SI No	Name of the Items	Specifications	Trade/ Course for which it is required	Total Required	Method of Procurement (e.g. shopping/ Competitive bidding)
BF TOTAL Rs.					
1	CNC Milling Machine	Minimum specification of tale size- 1060x315mm, Travel of Xaxis X y axis x Z axis = 800mmx350mmx380mm, AUTO TOOL CHANGER 20 NOS.SPINDLE COVER 22.4KW,Controller like FANUC Oi F series /SIEMENS 828D with all accessories.	Machinist	1 no	GeM/Competative Bidding
2	Vertical Milling Machine	Working surface 1350mmx300mm X axis x Y axis x Z axis travel 700x220x410 mm, Table loading Capacity 300Kg. Main Motor 5.5kW with all attachment.	Machinist	1 no	GeM/Competative Bidding
3	Slotter Machine	Having 180 mm stroke (motorized) with all attachment motor capacity 0.75kW.	Machinist	2 nos	GeM/Competative Bidding
4	Tool & Cutter Grinder	Max. distance between centre 450mm X axis x Y axis travel 500x210mm Table dimension 700x125 mm grinding Spindle speed 3000rpm Motor 1HP.	Machinist	1 no	GeM/Competative Bidding
5	Double ended Pedestal Grinder	Wheel dia-178mm one fine & one rough wheel motor capacity 0.75kW.	Machinist	1 no	GeM/Competative Bidding
6	Drilling machine Pillar	Capacity 20mm with drill chuck and key, motor 0.75kW	Machinist	1 no	GeM/Competative Bidding
7	Hand Tools & Cutting Tools		Operator Advance Machine Tool	-	GeM/Competative Bidding
8	Books and learning materials		All Trade	-	GeM/Competative Bidding

and Total Rs.