

*Ref. No.: TPC/MODROB/508

Date: 17/03/2022

(*to be filled by the Institution)

**GTE Request ID:

(**to be filled-in by the I-STEM Nodal Centre)

From:

Name of the Faculty / PI – Shashi Bala

Department- Computer Science & Engg

Email ID – s_atwall121@yahoo.com

Designation – Lecturer

Institution- Thapar Polytechnic College, Patiala, Punjab

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To:

Indian Science Technology and Engineering facilities Map (I-STEM)

(A Program Supported by Office of the Principal Scientific Adviser, Govt. of India)

Nodal Centre @IISc Bangalore-560012, www.istem.gov.in,

notification-portal@istem.gov.in

Subject: Uploading of Procurement Information and Seeking Certification of Non-availability of specific R&D Equipment within our Institution/Nearby Institutions

Sir / Madam,

We are uploading the following to fulfil the requirement of GTE [as per clause 2(iv) of OM No. F.2014512020-PPD, dated the 8th January 2021] and procure the following item(s) for research purposes, as detailed below:

S. No.	Particulars	Remarks
1	Name & Description of the equipment	List attached
2	Use of the Item	a) Skill development training b) Project work
3	Quantity required	List Attached
4.	Name of Funding Agency(ies) and Associated Project Supporting the Cost	a. AICTE -MODROB b. Advanced Computing & IoT Lab
5	Estimated procurement price	Rs.11.70 Lakhs
6	Justification to be submitted as under	a. To indicate whether a similar item (s) is available within our institution/nearby institutions (as defined in clause 3 (iii) of OM No.F.2014512020-PPD, dated the 8th January 2021.), b. Not in vicinity of TPC c. % of equipment time expected to be available to external users (defined as users from outside the "Custodian Department"):%
7	Whether the Institute had in the past attempted development of local suppliers/ phased indigenization/ promotion of alternative technology which has sufficient local suppliers. (If so, details thereof)	NO
8.	No of equipment shared with I-STEM (as defined in clause 3 (iii) of OM No.F.2014512020-PPD, dated the 8th January 2021.)	13

I declare that to the best of our knowledge, all R&D equipment in our Institution have been listed on the I-STEM portal. The equipment listed on the I-STEM portal are available to internal and external users in a non-discriminatory manner.

Signature & Seal of the Head of the Institution

Principal,

Thapar Polytechnic College,

Patiala-147004

This is to certify that the information given is in line with the supporting documents provided to access the procurement.

(National Co-ordinator, I-STEM)

LIST OF EQUIPMENTS

S.No	Item	Configuration	Quantity	Unit Price	Total
Non-Recurring Equipment (For Skill development training of diploma engineering students)					
1	Desktop i5	intel i5, 11th Gen/8GB RAM/ATX cabinet, 1TB HDD SATA, keyboard mouse kit, 18.5 LED monitor, With Wifi Connectivity, Motherboard H510	9	40,000	360000
2	Desktop i7	intel i7, 11th Gen/8GB RAM/ATX cabinet, 1TB HDD, keyboard mouse kit, 18.5 LED, Motherboard H510, With Wifi Connectivity	10	55000	550000
3	Printers (HP/CANON/BROTHER)	All in One with wifi	4	26000	104000
4	LED Projector	With accessories	1	52000	52000
Total Non-Recurring Amount					1066000

Recurring Equipment List					
5	ESP -8266 Development Board		8	380	3040
6	ESP -32 Development Board		8	540	4320
7	Lora Module		8	520	4160
8	Zigbee Module		8	620	4960
9	Raspberry Pi 3	Other Accessories	4	4865	19460
10	Arduino UNO Development Board		8	625	5000
11	Basic Sensor Kit		5	1400	7000
12	Electronic Components		5	782	3910
13	Soldering Station and Other Accessories		4	1420	5680
14	PCB or Zero Boards		15	42	630
15	Motors		20	150	3000
16	Servo Motors		8	410	3280
17	Bread Board		10	90	900
18	Jumper Wires		900	5	4500
19	Wires		20	78	1560
Total Recurring Amount					71400

[Signature]
T. Indrajit CSC