

Office of the Dean Research and Development
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103

Project Code: DRC/DST/IT/IB/020/16-17

Department of Information Technology
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103

Notice Inviting Quotations

Sealed quotations are invited for the supply of **Equipment** as per the following technical specification. The relevant bidding document can be downloaded from the website. The document can be also obtained from the Department of Information Technology (Contact : Dr. Indrajit Banerjee) between 11.30 a.m. and 2.00 p.m. on all working days **from 17th April, 2017 to 1st June, 2017**. Last date of submission of sealed quotation is **1st June, 2017 by 1.00 p.m.**

(A. Code DRC-T006/17-18)

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This is downloadable

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY,
SHIBPUR**



BIDDING DOCUMENT

(Project Code: DRC/DST/IT/IB/020/16-17)

For Supply of

- (i) *Memory Card With Adapter***
- (ii) *GSM/GPRS Shield***
- (iii) *Electronic components package***
 - (iv) *USB Mouse***
 - (v) *USB keyboard***
- (vi) *Raspberry Pi GPIO Extender***
 - (vii) *Potentiometer***
- (viii) *Split AC for laboratory***

Department of Information Technology

29th March, 2017

**SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS
FOR BIDDERS**

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to **Dr. Indrajit Banerjee**, Department of Information Technology, **on or before 1st June, 2017** between **10.30 a.m. to 2.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **1st June, 2017 up to 2.00 p.m.** quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **2nd June, 2017 at 4 p.m.** and the place of opening of bid is Meeting Room of the Department of Information Technology, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Information Technology in the following address:

Dr. Indrajit Banerjee
Assistant Professor
Department of Information Technology
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711103, India

5. All bids should be submitted in ONE-BID (TECHNO-COMMERCIAL BID) Format in covers (Enquiry Number must be mentioned on cover).

TECHNO-COMMERCIAL BID - giving Detailed Specifications, International Standards (BIS/INTERNATIONAL), Catalogues, List of users & Technical Details / Operating Parameters, Pre-Installation Requirements, payment terms, warranty, etc. along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
 - (b) Essential Accessories & Spares.
6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated
 7. The materials are to be supplied at a place within IEST, Shibpur premises between 11.00 a.m. and 4.00 p.m. The tenderer will be responsible for any breakage, damage or defect in the equipment detected subsequently. The supply and installation of the equipment should be completed within a period not exceeding 3 months from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per university rules.
 8. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
 9. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

10. Documents to be submitted with the tender:

Tender Documents/Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender.

11. Customs Duty & Excise Duty

- The University will not issue any C or D form availing of concessional Sales Tax/ VAT.
- The University will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.

12. Indian Institute of Engineering Science and Technology, Shibpur, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

We accept the above terms and conditions.

Dated:

Signature of Bidders/Suppliers
With date & Seal

SECTION II: TECHNICAL SPECIFICATIONS

ITEM: Equipment

Sl. No.	Equipment Name	Specification	Quantity
1	Memory Card With Adapter	Compatibility: compatible with raspberry pi. Capacity: 32GB capacity Class 10 SDHC. Read speed: Up to 80 MB/S. Adapter: Should include adapter for compatibility with full size SD/SDHC/SDXC devices.	2
2	GSM/GPRS Shield	Network: Quatband GSM+GPRS. Power: 12V DC Interface: RS 232 SMS messages: Send/receive SMS messages Voice calls: make/receive voice calls.	1
3	Electronic components package	Package Includes: Tester Mini Screwdriver Set Mini Servo Motor NPN Transistors 1N4007 Diodes DC Motor without gear 5V Relay RGB LED Red, Yellow, and Green LEDs Pizo Buzzer 5V 10K preset (Make Bourns) IR LED / Phode Diode and IR receiver 38KHz Push Button 74595 Shift Register IC LDR - Light Dependent Register (Photo resistor) Resistance (100 ohm, 220 ohm, 1k,4.7k, 8.2k, 10k, 1M) 0.25 w Capacitors KS110 Veroboard	1
4	USB Mouse	Powerful 1000 DPI optical sensor for precise movement on most surfaces	1
5	USB keyboard	Compatibility: compatible with windows-based PCs and linux	1
6	Raspberry Pi GPIO Extender	PIN: 40 PIN Cable: GPIO Cable	2
7	Potentiometer	10 turn 10K, Single turn 10K	4
8	Split AC for laboratory	Type: Split Capacity in Tons: 1 Ton Star Rating: 2 Color: White Cooling and Heating: No Cooling Capacity: 1099 W Compressor: High EER Rotary Remote Control: Yes	2

		<p>Refrigerant: R-22 Operating Modes: Swing, LCD Remote Indoor Dimensions W x H x D: 79.6 cm x 29 cm x 20.2 cm Indoor Unit Weight: 9 kg Outdoor Dimensions W x H x D: 84 cm x 54 cm x 30 cm Outdoor Unit Weight: 31 kg Indoor Noise Level: High - 40 dB, Low - 34 dB Panel Display: LED Turbo Mode: Yes EER: 3 W/W Other Body and Design Features: Hydrophilic Aluminium: Blue Fin Air Flow Volume : 500 CMH Dust Filter: Yes Other Filter Features: Nano Silver Auto Restart: Yes Timer: Yes Sleep Mode: Yes Self Diagnosis: Yes Connecting Pipe Type: Copper - Copper Air Vent: Cross Flow Connecting Pipe Length: 3 M Connecting Cable: 3.5 M Copper Tubes: Inner Grooved Indoor Noise Level Middle: 37 Power Requirement: AC 230 V, 50 Hz Operating Current: 4.9 A Rated Cooling Capacity: 3200 W Warranty Summary: 1 Year on the product & 5 Years on the Compressor Installation Details: Installation of Air-conditioner will be paid separately. Please quote the installation charge separately.</p>	
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Signature of the Project Investigator

Signature of Head of the Department