

Department of Electronics and Telecommunication
Engineering
Indian Institute of Engineering Science and Technology
(IIEST) Shibpur
Howrah-711103

Advt.No.Web/ETC/IIEST/16-17/129 Date: 03.03.2017

CPDA Order No.: 2076/D(FA)17 Dean(FA)/CPDA/

Notice Inviting Quotations

Sealed quotations are invited for the supply of

(i) TMS320C674x DSP/DIP Trainer Kit

as per the prescribed specifications. The relevant bidding document can be downloaded from the website. Last date of submission of sealed quotation is 7 working days from the date of publication of the tender in the institute website.

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND
TECHNOLOGY (IEST) SHIBPUR**

BIDDING DOCUMENT

For Supply of

(i) TMS320C674x DSP/DIP Trainer Kit

Under

CPDA Fund

Department of Electronics and Telecommunication Engineering

March 2nd, 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 Prof. Ankita Pramanik, Assistant Professor, Department of Electronics and Telecommunication Engineering, **on or before 10/03/2017** between **10.30 a.m. to 3.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **10/03/2017 up to 3.00 p.m.** quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **10/03/2017 at 4.00 p.m.** and the place of opening of bid is office room of the Department of Electronics and Telecommunication Engineering, Indian Institute of Engineering Science and Technology (IEST) Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Electronics and Telecommunication Engineering in the following address:

**Prof. Ankita Pramanik
Assistant Professor
Department of Electronics and Telecommunication
Engineering
Indian Institute of Engineering Science and Technology
(IEST) 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 later stage will not be accepted. Freight, Insurance charges should be clearly indicated.
7. The materials are to be supplied at a place within IEST 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*):

Bill 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 (IEST) 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

(i) Specifications for: TMS320C674x DSP/DIP Trainer Kit:

- Speed: > 350 MHz device, > 3500 million instructions per second (MIPs)
- Hardware specifications desired:
 - JTAG supported via USB
 - TLV320AIC23B programmable stereo codec
 - Two 3.5mm audio jacks for microphone and speaker
 - Expansion port for plug-in modules
 - Power supply : +5V, ±12V, GND
 - White noise source of amplitude 0 ~ 5Vpp
 - 20*2 character LCD display
 - RTC interface: I2C based RTC section
 - 7 segment displays
 - Phone keypad: 0 to 9 digits and *, # characters
 - 6 DIP switches for inputs and 6 LED indication for output
 - 4*4 LED matrix
- Code composer studio for the TMS320C674x DSK has to be included
- User friendly format with on board interface.