

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**  
**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR**  
**HOWRAH-711103**

No.: ETC/Q6/16-17

Dated: 23.01.2017

Advt.No.Web/ETC/IIEST/16-17/42

From: The Head of the Department  
Department of Electronics and Telecommunication Engineering  
Indian institute of Engineering Science & Technology, Shibpur, Howrah-711101

To : Interested parties/vendors through

- 1) Notice Board of ETCE Dept.
- 2) Central Notice Board
- 3) Institute Website

Dear Sir/Madam,

Quotations are invited from the vendors/suppliers for the following item/items by 30.01.2017. The quotation should include all kinds of taxes, delivery, installation and demonstration charges etc. to the Dept. of Electronics & Telecommunication Engineering. The bills of successful bidder must be attached with photocopy of PAN, VAT, P. Tax for the first time vendor/supplier and Trade License (current) must be provided for each transaction. For any clarification, please contact over e-mail to [hod@telecom.iiests.ac.in](mailto:hod@telecom.iiests.ac.in)

Yours faithfully,

(Monojit Mitra)  
HOD, Dept. of ETCE

| SI.No | Tender No. | ITEM  | QUANTITY |
|-------|------------|---|----------|
| 01    | ETC/W/002  | <p><b>3MHz DDS Function Generator. ( DDS Technology with FPGA design )</b></p> <ul style="list-style-type: none"> <li>Frequency - 0.1Hz to 3MHz</li> <li>Stability - <math>\pm 20</math>ppm</li> <li>Amplitude - from 1.1mV peak to 22 volt p-p</li> <li>Attenuator - -40dB</li> <li>DC Offset - -5V. to +5V.</li> <li>Duty Cycle control - 25% to 75% ( below 1MHz in Square wave )</li> <li>Display - <b>6 digit LED display for voltage and frequency</b></li> <li>Wave form - Sine, Square, Triangle, TTL</li> <li>Frequency setting - through numeric keypad,<br/>with each of the 6 digit control thr. Linear<br/>potentiometer.</li> <li>Power - 230V.AC, <math>\pm 15\%</math>, 50Hz</li> <li>Accessory - power chord, BNC to Crocodile Clip x 1</li> </ul> | 6 Nos    |