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

Project Code: DRC/SERB-DST/CE/SC/015/16-17

Department of Civil Engineering

Indian Institute of Engineering Science and Technology, Shibpur,

Howrah-711 103

Notice Inviting Quotations

Sealed quotations are invited for the supply of ***Heat of Hydration measuring device*** as per the following technical specification within the seven working days from the date of publishing advertisement. The relevant bidding document can be downloaded from the website. The document can also be obtained from the Department of Civil Engineering (contact: Dr. Sumit Chakraborty) between 10.00 a.m. and 5.00 p.m. on all working days. The last date of the submission of sealed quotation is **seven working days from the date of publishing advertisement.**

Dean (R & D)

(A. Code DRC-T053/16-17)

This is downloadable

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

BIDDING DOCUMENT

(Project Code: DRC/SERB-DST/CE/SC/015/16-17)

For Supply of

Heat of Hydration measuring device

Under

Young Scientist Project Scheme (File No.: YSS/2015/001393)
SERB-DST, Govt. of India (New Delhi)

Department of Civil Engineering

September 27, 2016

SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS FOR BIDDERS

1. Bidders are invited to submit sealed quotation as per the technical specifications for tendered item to Dr. Sumit Chakraborty, Young Scientist, Department Civil Engineering, within the seven working days from the date of publishing advertisement between **10.00 a.m. to 5.00 p.m**. except Saturday, Sunday and other public holidays.

2. The last date of the receipt of tenders is **seven working days from the date of publishing advertisement. If it becomes holiday under any circumstances, then the last date of the receipt of tenders will be next working day.** The Quotations received later will not be entertained under any circumstances.

3. Date and time of opening of bid is **October 7, 2016 at 4.30 p.m. If it becomes holiday under any circumstances, then the date and time of opening of bid will be next working day at 4.30 p.m.** The place of opening of bid is office Room of the Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711 103.

4. Bidders are requested to submit the quotations in Sealed Cover to the Department of Civil Engineering mentioning the following address:

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

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 (at least 12 months), 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 the Department of Civil Engineering within the IIEST 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

(i) Heat of Hydration measuring device

The device will be used to determine the evolved heat during the cement hydration reaction.

The equipment should follow a BIS/International standard. It is required to consist of insulated wood case, vacuum jar with stopper; thermometer plus holder, glass funnel; stirring paddle and chuck. A quantified amount of cement slurry needs to put in the system. Therefore, the system needs to contain a sample holder. The apparatus needs to consist of a Dewar flask contained in an insulated material and housed in a insulated box (especially wooden box) which is hinged so that the flask can be easily removed or replaced. The equipment should be supplied complete with a constant speed electric stirrer, and filler glass funnel. Additionally, the system needs to be calibrated with a very high precision.