

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

**Project Code: DRC/TATASTEEL/COE/DD/004/15-16**

**Centre of Excellence on Microstructurally Designed Advanced Materials Development,  
Indian Institute of Engineering Science and Technology, Shibpur,  
B. Garden, Howrah – 711 103, West Bengal, India**

**Ref.: Tender Advt. No. MT 1320, dated 04.01.2018**

**Notice Inviting Quotations**

Complete sealed quotations are invited for the supply of items/works listed below as per specifications mentioned. The quotation should include all applicable taxes, duties and levies as well as the delivery charges of the items to Indian Institute of Engineering Science and Technology, Shibpur, and should mention a firm delivery period. The relevant bidding document can be downloaded from the website. Last date of submission of sealed quotation is **14 days from the date of publication and tender will be opened on the next working day at 12 noon.**

**ITEMS**

**1. Preparation and supply of W-EDM machined and mirror polished Ratcheting specimens as per drawing**

**Dean (R & D)**

**(A. Code DRC- T103/17-18)**

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR**  
**B. Garden, Howrah – 711 103, West Bengal, India**



**BIDDING DOCUMENT**

**(Project Code: DRC/TATASTEEL/COE/DD/004/15-16)**

***For Preparation and supply of***

**W-EDM machined and mirror polished *Ratcheting* specimens as per drawing**

***Under***

**A Collaborative Project Proposal between IEST, Shibpur and TATA Steel**  
***(Fatigue Property Evaluation of Hot Rolled Steels)***

**Centre of Excellence on Microstructurally Designed Advanced Materials Development,**  
**Indian Institute of Engineering Science and Technology, Shibpur, Howrah - 711103**

**January 4, 2018**

## **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 items addressed to *Dr. Debdulal Das*, Associate Professor, Department of Metallurgy and Materials Engineering, IEST Shibpur, within 14 days of publication in the Website of the Institute.
2. Quotations received after the last date will not be entertained under any circumstances.
3. Date and time of opening of bid is **next working day followed by last date at 12.00 noon** and the place of opening of bid is Office of the Department of Met. & Mat. Engg., IEST Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover in the following address:

**Department of Metallurgy and Materials Engineering,  
Indian Institute of Engineering Science and Technology, Shibpur,  
B. Garden, Howrah - 711103, West Bengal, 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*. and (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. The GST No. of IEST Shibpur is **19AAAAB4686Q1Z1**.
7. The materials are to be supplied at Dept. of Met. & Mat., Engg., IEST Shibpur premises between 11.00 a.m. and 5.00 p.m. on working day.
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. Proprietary certificate should be attached if applicable.
  - **Customs Duty & Excise Duty:** The institute will not issue any C or D form availing of concessional Sales Tax/ VAT. *The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.*
11. **IEST Shibpur reserves the right to accept / reject any or all tenders at its sole discretion without assigning any reason thereof and its decision in this regard shall be final.**

***We accept the above terms and conditions.***

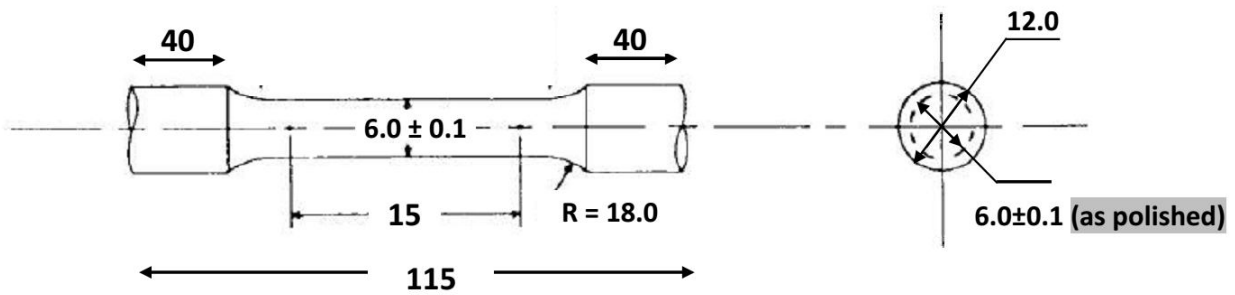
Signature of Bidders/Suppliers with date & Seal

**SECTION II: TECHNICAL SPECIFICATIONS**

**ITEM 1: Preparation and supply of W-EDM machined and mirror polished RATCHETING specimens as per drawing**

Preparation and supply of **Ratcheting** specimens as per drawing by Wire-Cut EDM from the hot rolled steel plates. Preparation of specimen includes removal of oxide and recast layers. Surface roughness (Ra) of the mirror polished samples should be  $0.1 \mu\text{m}$  (Max.). Hot rolled steel plates will be provided to the successful bidder. Minimum order quantity is 50 nos.

**Ratcheting (Round) Specimens**



All dimensions are in mm