

February 12, 2018

Enquiry No.: **01/AE&AM/NK/CPDA/IESTS/2017-18**

Notice Inviting Quotations

Quotations are invited for supply of the following items/consumable as per mentioned specifications under CPDA Account of *Dr. Niloy Khutia*, Assistant Professor, Department of Aerospace Engineering and Applied Mechanics (**approval order no. 3530/Dean(FA)/CPDA/18 dated 9th February, 2018**). The sealed quotations should be addressed to the Head of the Department indicating enquiry no with date on the top of the envelope.

The quotation should include all kind of taxes/duties and delivery charges of the items to the Office of the Department of Aerospace Engineering and Applied Mechanics, IEST Shibpur.

Sl. no.	Description/Specification of Items/Works
1.	Preparation and supply of (a) Low Cycle Fatigue, Ratcheting Test (Flat Specimen) and (b) Tensile Test (Flat Specimen) Specimens [as per ASTM E606/E606M–12] of Ferrite - Pearlite, Bainite and Martensite Structures as per drawing (attached) from heat treated low carbon steel plate. Preparation of specimen includes removal oxide layer and machining with mirror finished surface (maximum roughness, $R_a \leq 0.2 \mu\text{m}$). Machining has to be done in Wire EDM with diamond finish. Heat treated plate will be provided . Minimum order quantity is 40 nos for specimen type (a) and 20 nos for specimen type (b). Please provide unit cost for each type of specimen.

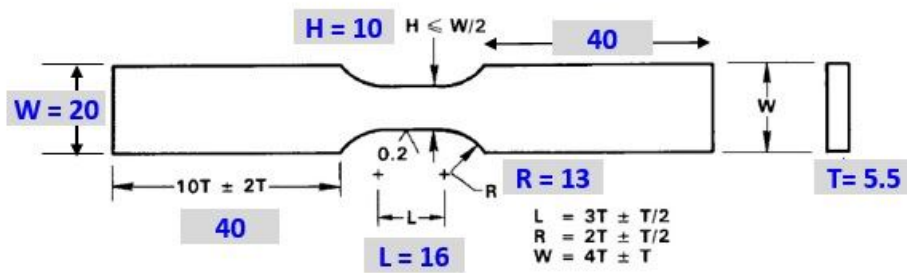
Last date of submission of sealed quotation is 3:00 PM on 20th February, 2018 and tenders will be opened at 4:30 PM on 20th February, 2018 in the office of the Department of Aerospace Engineering and Applied Mechanics, IEST Shibpur.

(Dr. Niloy Khutia)
Assistant Professor
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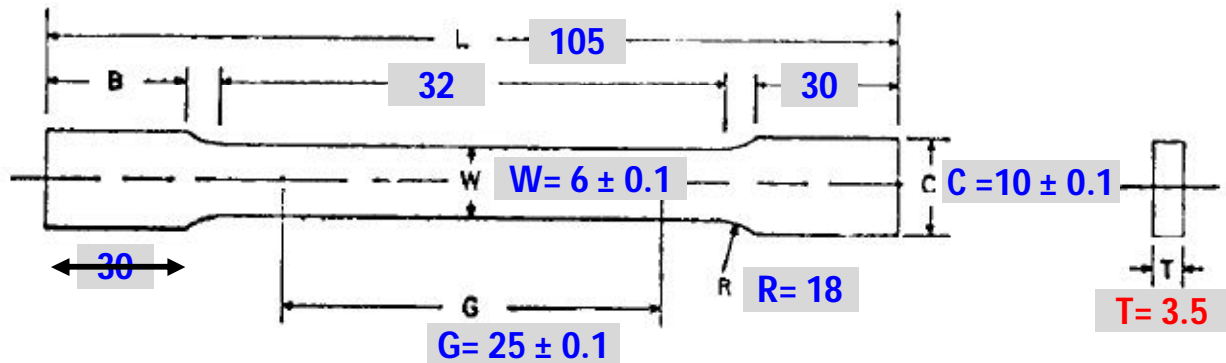
Specimen Details

All dimensions are in mm

(a) Ratcheting/Low Cycle Fatigue test Specimen Specification



(b) Tensile Specimen



(Dr. Niloy Khutia)
 Assistant Professor
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