

**DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI - 620 015
Minutes of the Pre-Bid conference**

Date: 15.10.2014

Tender Notification No.: NITT /MME/MT163/SPK/Cavitation Erosion Tester

The pre-bid conference was held on 15.10.2014 at 11.30 a.m. in the committee room of MME to discuss the specification published in the tender. All other terms and conditions mentioned in the tender document remains same.

Based on the discussion, the committee recommends the following amendments to the specification.

Specification for Cavitation Erosion Tester

Original tender specification		Amended specification
ITEM	SEPCIFICATIONS	
Probe Ultrasonicator for Cavitation Erosion tester	In-built Software for data transfer.Colour Digital Display. Powermeter & Timer	No amendment
Working frequency	---	24 - 28 KHz
Power	200W	No amendment
Working Amplitude	Adjustable from 20 to 100%	No amendment
Generator Type	Frequency, Amplitude and Power display digitally	No amendment
Time control	0-99s	No amendment
Sonotrode	Made of Titanium	14 mm
Diameter	---	2mm,7mm & 14mm
Additional Sonotrodes	2mm, 7mm	No amendment
Cooling type	cooling by chiller (Chiller to quoted alongwith system)	No amendment
Sample Volume	50 to 1000ml	No amendment
Depth of the specimen	12 mm ± 4 mm	No amendment
Liquid height	100 mm ± 10 mm	No amendment
Liquid medium	Distilled water/Deionised water/NaCl	No amendment
Sound Protection Box	Required. To be quoted	Suitable to accommodate Cavitation chamber and should contain ports for inlet and outlet for chiller unit



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