

Recommendation of TSC on
Pre-bid meeting for procurement of " Fatigue rated servo-hydraulic UTM machine of 100kN capacity"
Venue: Saranjamshala, CSIR-AMPRI, Bhopal
Date: 13/June/2024; Time: 3:00 onwards

A prebid meeting was held on 13 June, 2024, 3:00pm onwards, the following parties have participated for the Prebid meeting


1	ITW India Pvt Ltd- Instron Division, Bengaluru	3	Hittites Tech India Ltd, Bengaluru
2	HEICO, New Delhi	4	Email representation by Blue Star E & E Ltd, New Delhi

After detailed technical discussion and email from the above-mentioned firms. The following minor changes in the technical specification of the tender document are made.

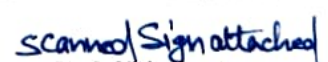
Sr. No	Tender Specification	Revised Tendered Specification	Reason for revision
6.4	Grips: for Fatigue/Tension tests for higher temperature range: maximum temperature minimum 500°C or higher with having threaded mounting	Grips: for Fatigue/ Tension tests for higher temperature range: maximum temperature minimum 500°C or higher with having threaded mounting of M10, M12 and M16 sizes and high temperature tensile Clevis Grips for pin hole flat specimens of 3mm to 10mm thickness for temperature range -100°C to minimum 500°C test temperature condition	High temperature facility details seek in email by M/s Blue star E & E Ltd, New Delhi. Reason: For improving the specification
6.5	Fracture mechanics grips: One inch standard CT specimen thickness as per ASTM standard (Operating temperature range: -100°C to minimum 500°C test temperature condition)	Fracture mechanics grips: One inch standard CT specimen thickness and for standard three point bend fracture specimen as per ASTM standard (Operating temperature range: -100°C to minimum 500°C test temperature condition)	Details with clarity seek by Instron. Reason: For improving the specification
7.1	Furnace: Standard size of Furnace for conducting tensile, compression and fatigue tests Min. 1000°C or more with a temperature accuracy of ±3 °C or better	Furnace: Split tube three zone furnace with K – Type thermocouples. It should accommodate all the standard specimens (tension, compression, fatigue and fracture). Minimum Inner dimensions of furnace: 110mm diameter or more and of minimum height: 220mm or more. Test temperature range Min. 1000°C or more with a temperature accuracy of ±3 °C or better	High temperature facility details seek in email by M/s Blue star E & E Ltd, New Delhi. Reason: For improving the specification
7.2	High Temperature Grips: for Fatigue/Tension tests for temperature range Min. 1000°C or more with having threaded mountings of different sizes High temperature hydraulic grips /accessories to perform at Min. 1000°C or more, which can be mounted inside and compatible with the furnace.	High Temperature Grips: Grips for Fatigue/Tension tests with having threaded mountings of different sizes (M10, M12 and M16) and high temperature tensile Clevis Grips for pin hole flat specimens of 3mm to 10mm thickness for temperature range Min. 1000°C or more. Compression platens for compression tests and three point bend fixture for conducting high temperature flexural tests for temperature range Min. 1000°C or more High temperature hydraulic grips /accessories to perform at Min. 1000°C or more, which can be mounted inside and compatible with the furnace.	High temperature facility details seek in email by M/s Blue star E & E Ltd, New Delhi and Details with clarity seek by Instron Reason: For improving the specification
2	Supply of Cooling Tower	Point raised: Instead of Cooling Tower supply of suitable capacity chiller by M/s Blue star E & E Ltd, New Delhi	NOT accepted No Revision
2	Supply of Cooling Tower	Point raised: Instead of water Cooling Tower supply of oil cooled Cooling Tower by M/s HEICO, New Delhi	NOT accepted No Revision

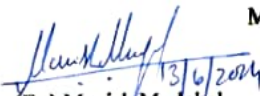
Other points given in the specification detailed in Chapter-4 of tender document will remain same.


We shall abide by the Code of Integrity and Conflict of Interest for Public Procurement as per para 3.2.1 of CSIR Manual 2019


 Dr. Sanjeev Saxena
 Indenter/Project leader


 Dr. R. K. Bhariliya
 Member, TSC


 Dr. S. Vishnuvardhan
 Domain Expert, CSIR-SERC, Chennai


 Dr. (Er.) Manish Mudgal
 Member, TSC


 Dr. M. Akram Khan
 Member, TSC &
 Alternate chairman


 Dr. P. Asokan
 Chairman, TSC