Minutes of Pre-bid Conference

Tender no.: **OT-32**/MNNIT/Purchase Office/AMD/Drop Weight Impact Testing Machine/2013-14 **Date: 26.03.2013**

For procurement of: Procurement of Drop Weight Impact Testing Machine

Date & time: 17.04.2013 at 12.00 hrs.

Venue: Institute Conference Room, MNNIT

The following participants attended the conference:

Representatives of MNNIT:

1) Prof. K. K. Shukla, Head, AMD
2) Dr. S. J. Pawar, AMD
3) Dr. V. Murari, AMD
4) Dr. Ashutsh Upadhyay, AMD
5) Deputy Registrar (Accounts)
6) Faculty In-charge (Purchase)

Representatives of Prospective Bidder's:

Sl. No.	Name of Firm	Represented by
1)	M/s INSTRON India Pvt. Ltd. 3C, PM Tower, 37 Grams Road, Chennai-60006	Mr. Arjun Somana Manager-Sales

Opening Remarks

(i) The Faculty In-charge (Purchase) had conducted the Pre-Bid Conference and at the beginning welcomed to everybody attending the Pre-Bid Conference for the Tender no. **OT-32**/MNNIT/Purchase Office/AMD/Drop Weight Impact Testing Machine/2013-14 Date**: 26.03.2013** for Procurement of Drop Weight Impact Testing Machine.

(ii) It was explained that purpose of Pre-Bid Conference is to explain the various important provisions of the bidding documents to the prospective bidders and to clarify any queries that the bidders may have in the subject bidding documents.

(iii) The indenter discussed a brief description about the 'Procurement of Drop Weight Impact Testing Machine', as per tender document, before the audience.

(iv) The members representing the bidders were asked to furnish their queries in written format so that the replies to the same can provided by the purchaser. Replies to the queries are presented in ***Table-1.***

(v) The Faculty-in-charge (Purchase) expressed his profound gratitude to the participants for their active involvement.

(vi) The meeting ended with a vote of thanks to the chair.

29.04.2013

Faculty-in-charge
Purchase
M.N.N.I.T., Allahabad

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Table – 1

MINUTES OF PRE-BID CONFERENCE

Tender No. OT-32/MNNIT/Purchase Office/AMD/Drop Weight Impact Testing Machine/2013-14

Firm Name	RFP Reference(s) (Section, Page)	Content of RFP requiring clarification		Clarification Required/Query	Resolution
		Item/Specification	Details		
INSTRON INDIA PVT. LIMITED, CHENNAI	**2. Technical**				
	1.8	Gravitational Drop Velocity	6.26 m/s	Gravitational drop weight range from 4-6.26 m/s	Upto 6.26 m/s
	1.10	High Velocity Impact	Capable of accelerating a minimum of 10kg mass up to 20m/s, providing up to 2,000 Joules impact energy with 10Kg mass using aerospace elastomer based acceleration system.	High velocity Impact capable of accelerating up to 20 m/s or better, providing up to 2000 J impact energy with aerospace elastomer based acceleration system.	Accepted
	1.12	Force Measurement	Up to ±60KN with piezoelectric dynamic load measurement system	Force measurement up to ± 60 kN with piezoelectric or equivalent dynamic load measurement system.	Accepted
	2.2	Resolution	16 bit, no missing codes	Resolution range 14-16 bits	No change
	2.3	Sample rate	3,000,000 samples/second	Sample rate – Selectable from 2000000 to 3000000	No change
	2.7	Bandwidth	Better than 1.5 MHz	Band width range 700 KHz to 1.5 MHz	Accepted
	2.8	Signal to Noise	<2 bit system noise	Signal to noise ± 1 least significant bit	No change
	2.9	Gain Error	±0.1% maximum	Gain error – 0.1 % to 0.2 %	No change
	2.11	Timing	Velocity measurement by time-of-flight, 20ns resolution	Timing – Velocity measurement by time of flight 0.01 m/s or 20 ns resolution	Accepted
	2.12	Digital input	26 channel opto-isolated input	Digital Input – 8 – 26 channels opto isolated input	No change
	2.13	Digital output	18 channels NPN output, short-circuit and over-current protected.	Digital Output – 8 – 18 channels	No change
	2.15	Charge Amplifier Module	Integral Kistler charge amplifier module option for use with a wide range of quartz transducers.	Charge amplifier module – Integral kistler or equipment charge amplifier module	Accepted
	2.14	Integrated High Speed Camera Control	Camera trigger output and lighting controller output to interface to high-speed video systems to be provided to enable data points and images to be precisely correlated and quantitative data to be extracted	Both 2.14 and 3.13, Integrated high speed camera control and High speed video can be quoted as optional items.	Accepted. It should be noted that the equipment should be fully fitted with all the attachments/softw are required to install the camera/video such that even a third party should be able to install it whenever required.
	3.13	High Speed Video	Support for the high-speed video option is to be fully integrated into the software, including camera set-up, automatic control over lighting, and the display of video data from within the software either as still images, moving images, or linked to a graph marker to correlate captured data and video. It should also let the user extract calibrated measurements from the video data.		