

**PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 16th JANUARY
2009 AT MATERIAL SCIENCES DIVISION CONFERENCE HALL IN
CONNECTION WITH PROCUREMENT OF 3 AXES SIMULTANEOUSLY
CONTROLLED CNC VERTICAL MACHINING CENTRE WITH ACCESSORIES,
TOOLS & TOOL HOLDERS**

The Pre-bid Conference was held on 16th January 2009 at NAL and the following officers attended the meeting :-

On behalf of NAL

- | | | | |
|-----|----------------------------------|---|-------------------------|
| 01. | Mr. C Chandrashekar, Head – ENK | : | Chairman |
| 02. | Mr. V Nagarajan, Head – NTAF | : | Member |
| 03. | Dr. VR Ranganath, Member, SPC-II | : | Member |
| 04. | Mr. V Palaniappan, FAO | : | Member |
| 05. | Mr. MS Pradeep, IO – ENK | : | Member |
| 06. | Mr. RK Rao, COSP | : | Member-Convener
SPCs |

On behalf of Vendor

- | | | |
|-----|---|---|
| 01. | Mr. T Manjunath
Service & Application Engineer | } M/s. Mac Machine Tools
& Automation, Bangalore |
| 02. | Mr. KR Manjunath
Sr. Manager, B'lore Branch | } M/s. Electronica HiTech
Engg. Pvt. Ltd., Bangalore |
| 03. | Mr. Venkatesh
Asst. Manager – Sales | } |
| 04. | Mr. K Balasubramanyam
National Sales Manager (India) | } M/s. Hardinge Inc.
Switzerland |
| 05. | Mr. Chandramouli KC
Product Manager | } M/s. Machine Tools (India)
Ltd., Bangalore |

At the outset, the Chairman welcomed all the Members & the representatives of the Vendors and briefed in general the scope of the Project and thereafter requested COSP to brief the vendors on the salient features of the

..... 2/-




commercial terms and requested the bidders to let us know their queries, if any. The replies thereto are as detailed in annexure. 1 .


The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-bid Conference would be hosted on the website of NAL and all prospective bidders are required to take cognizance of the proceedings of the Pre-bid Conference before submitting their bids as stipulated in Clause 40 of the bidding documents.

The meeting ended with a vote of thanks to the Chair.

Encl: As above

On behalf of NAL


(MS Pradeep)
Member


(V Nagarajan)
Member



(VR Ranganath)
Member


(V Palaniappan)
Member


(RK Rao)
Member


(C Chandrashekar)
Chairman

On behalf of Vendor


(T Manjunath)
M/s. Mac Machine Tools


(KR Manjunath)
M/s. Electronica HiTech Engg. Pvt. Ltd.


(K Balasubramanyam)
M/s. Hardinge Inc.


(Chandramouli KC)
M/s. Machine Tools (I) Ltd.

PROCEEDINGS OF THE PRE-BID MEETING HELD ON 16TH JANUARY 2009 AT 10.00 AM IN THE MATERIAL SCIENCES CONFERENCE HALL IN CONNECTION WITH PROCUREMENT OF 3 AXES VERTICAL MACHINING CENTRE AGAINST TENDER NO.NAL/PUR/ENK/10/257F/08

Based on the verbal queries made by the different vendors who were present in the pre bid conference on 16th Jan.2009, the following amendments to the bidding document are made

ANNEXURE

Sl. No.	Reference	Existing Description	Existing Specification	Amended Description	Amended Specification
01.	Chap. III Page : 48 Sl. No.5.2	Maximum Thrust capacity (N) X, Y & Z Axes	8000 N or better	Minimum Thrust capacity (N) X, Y & Z Axes	8000 N or better
02.	Chap. III Page : 50 Sl. No.16.5	Display of all machine and control functions on CRT screen in English	Required	Display of all machine and control functions on PC monitor LCD/TFT screen in English	Required
03.	Chap. III Page : 50 Sl. No.16.6	Display of all messages and solutions on CRT screen in English	Required	Display of all messages and solutions on PC monitor LCD / TFT screen in English	Required
04.	Chap. III Page : 50 Sl. No.16.7	Graphic Simulation of programme on CRT	Required	Graphic simulation of programme on PC monitor LCD/TFT screen	Required
05.	Chap. III Page : 50 Sl. No.18.3	CRT Size and colour	15" or better	Flat screen monitor size and colour	17" or better
06.	Chap. III Page : 51 Sl. No.19.3	RS-232-C port with full input / output capabilities for measuring probe and DNC link	Required	RS-232-C port with full input/output capabilities for Measuring probe and DNC link and USB 2.0	Required
07.	Chap. III Page : 52 Sl. No.24.1	Touch Probe	Renishaw / Blum probe preferred	Touch probe (wireless)	Renishaw /Blum probe preferred.
08.	Chap. III Page : 52 Sl. No.25	Spares	For 2 years of running (List of spares to be included)	Spares	For 2 years of running as listed below.

H M

e. Chandu Shek

Sl. No.	Reference	Description	Specification	Amended Description	Amended Specification
09.	Chap. III Page : 52 Sl. No.26	LIST OF ESSENTIAL DOCUMENTS ALL IN ENGLISH (HARD &SOFT COPY)	3 sets (Refer Annexure B)	LIST OF ESSENTIAL DOCUMENTS ALL IN ENGLISH (HARD & SOFT COPY)	3 sets (Refer Annexure – Requirement of manual)
10.	Chap. III Page : 52 Sl. No.28	STANDARD TOOL HOLDERS AND ACCESSORIES WITH CABINETS	Required (Refer Annexure C)	STANDARD TOOL HOLDERS AND ACCESSORIES	Required (Refer Annexure – Requirement of Tools and Tool Holders)

LIST OF SPARES

Sl. No.	DESCRIPTION	QUANTITY
1.	Bearings used in Main Spindle	1 set
2.	Bearings used for mounting of ball screw rods for X , Y & Z axes	1 set
3.	Coolant Pump	1 No.
4.	Auxiliary / machine function Push button used in controller	1 set
5.	Emergency Stop Button used in controller	1 no.
6.	Fuses used in controller	2 sets
7.	Oil seals	1 set
8.	O-Rings	1set


 MS
 19/1/09

e. Chandan Shen