

Minutes of the pre-bid meeting held at Conference Hall of DTE , Mumbai on 21 June 2010 at 02.00 pm.

Minutes Of Pre-bid for Tender No. 11/DTE/State/30/2010-2011

Item – Reaction Station

Time – 2 p.m. Dt. 21/6/2010.

Mr. Amte Informed all the members about tender fees, EMD, VATCC requirement
Tender form in bid 1.

Original Tender Form with price, sign & seal on it and put in Bid 2.

Dr. Maurya – Please specify your brand

Mr. Dara – not finalized.

Mr. Sudhir – not yet confirmed

Mr. Manish – Metteler

Mr. Sunit – HEL

Mr. Sunit – All your stations will be single parameter or different ?

Dr. Maurya – All Stations will work on save process parameter for all stations. Multi-parameter will restrict the competition.

Mr. Sunit – Restriction on working volume ?

Dr. Maurya – What do you have for 12 stations ?

Mr. Sunit – 50 ml

Dr. Maurya – (To others) can you provide 50 ml ?

Mr. Dara, Mr. Manish, Mr. Sunit – Yes

Manish – Instead of “12 plus”, can we write “12 position, upgradable”

Dr. Maurya - Yes

Dr. Kale . – Yes

Manish – Round design can we change it?

Dr. Maurya – Any shape acceptable.

As per discussion, specs were amended/modified and modified specs were read out & approved. These specs are attached & are part of minutes of Meeting & are valid new specs.

Carousel 12 plus reaction station: as per following specification:

Body:

- Assembly with twelve reaction stations but upgradeable to 24 & 48 reaction stations in future.
- Vessel rack should be MTP format for easy transfer of material into speedvac system.
- Suitable size, No electrical or moving parts
- Water cooled reflux head of anodized aluminum where cooling water in uniformly introduced through the inlet and outlet parts
- Gas distribution inlet system built in with reflux head
- Quick release water coupling with cut-off valve
- Provision for carrying out reactions under vacuum and inert gas conditions

Stirring hot plate:

- Electrically operated at 230 volt, Offering temperature range from ambient to 150degrees celsius or more,
- It should have magnet stirrer for even stirring.

- Facility for cooling from ambient upto - 70 degrees celsius or less

Temperature controller:

- Digital fuzzy logic system will be preferred, with digital temp. control and temp. stability nearly of +/- 1 degree celsius

Temperature sensor:

- Connected to hot plate stirrer and able to be inserted directly into the interchangeable reaction block via a thermocouple pocket

Accessories:

- Corrosion resistant preferably anodized aluminium rack for the reaction tubes

Consumable (Spares)

Glass reaction tubes: Plain heavy duty borosilicate tubes with capacity from 5 ml to 50 ml or more with suitable dimensions so as to use with the system for specified performance.

Magnetic stirring bars:

- Elliptical, cylindrical and cross-shaped; all large and small sized of suitable dimensions to be used in reaction tubes
- PTFE magnetic stirring bar retrieve

Dr. Maurya – Do you require any change extension in last date of submission ?

All the present agreed that extension was required. So last date of submission and opening was changed to 9/7/10 without change in timing.

Mr. Amte proposed vote of thank & concluded the meeting.