**PRE BID CLARIFICATION and AMENDMENT No. 1**

**Dated: 13.09.2013**


Subsequent to the Pre bid queries sought for clarification, received through email at stores@aiimsbhopal.edu.in till 12.09.2013 upto 17.30 hrs., the following Clarification to Pre Bid Queries raised are circulated for the wider information to the prospective tenderers and requested them to download Pre Bid Clarification and submit the same along with their “Technical Bid” Envelope.

<table>
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<tr>
<th>Sl. No.</th>
<th>Query</th>
<th>Clarification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Queries raised by M/s Thermo Fisher Scientific</td>
<td>All prices should require being quote in Indian Currency only (i.e., Rupees) in this Tender.</td>
</tr>
<tr>
<td>1</td>
<td>Annexure IV shows the INR financial bid whereas the point no- 5 shows the import items can be quote with break up, Can we quote the Imported items in Foreign currency</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Point- 18: Test Certificates: Do we have standard format for the test certificate? or should we submit our factory letter for the confirming the specification as specified in the equipment.</td>
<td>Factory letter for confirming the specifications will suffice.</td>
</tr>
<tr>
<td>3</td>
<td>In Point 39 of General Terms &amp; Conditions of Tender, it is mentioned that item have to supplied within 30 days w.e.f. the date of issue of Purchase/Supply Order. It is difficult to supply imported items within 30 days, hence delivery time may please be extended.</td>
<td>Time limit for supply of imported item has been extended to 45 days however, in exceptional cases it may be accepted uptill 90 days if documentary evidence is provided to justify delay.</td>
</tr>
<tr>
<td>4</td>
<td>Item No. 7 – Set of Single Channel Micropipette</td>
<td>Please refer to Amendment 1, Point 1 (mentioned below)</td>
</tr>
</tbody>
</table>

- In the Technical specification you have mentioned that Systematic error for each pipette should not be more than 3-5% at minimum volume and 1% at maximum volume. However, for micropipette (0.1/0.2-2/2.5 ul), systematic error at minimum volume is much higher.
- Secondly, minimum resolution of volume

*Dr. Sudhir K. Goel*  
Professor & Head  
Department of Biochemistry  
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<td>4</td>
<td>Item No. 25 - Incubator Shaker. Reg this instrument you have mentioned equipment name as Incubator Shaker and technical specifications of Rotary Shaker. Please clarify your requirement.</td>
<td>Please refer to Amendment 1, Point 3 (mentioned below)</td>
</tr>
<tr>
<td>5</td>
<td>Item No. 26 - Upright Deep Freezer (-80 Deg C) Reg this requirement the capacity of our instrument is 354 &amp; 505 Litres. Please clarify on the approximate capacity required by you. Secondly you require Aluminium Cryo Racks but market availability is of SS. In your technical specification you require 2 year warranty and 5 years AMC but in your Financial Data Sheet it is mentioned 3 years warranty and 2 years AMC.</td>
<td>For technical specification, please refer to Amendment 1, Point 4 (mentioned below). Regarding Warranty it has to be 3 years and AMC quote for 5 years.</td>
</tr>
<tr>
<td>6</td>
<td>Item No. 10 Ordinary Student Centrifuge Machine It is mentioned in specifications Swing out Rotor 8<em>15 ml and then No. of Tubes 12-16. Please clarify whether you want extra tubes or swing out rotor 16</em>15, 12<em>15 &amp; 8</em>15.</td>
<td>For technical specification, please refer to Amendment 1, Point 4 (mentioned below)</td>
</tr>
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Please refer to Amendment 1, Point 2 (mentioned below).

 Queries raised by M/s Shrey Scientific

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AMENDMENT NO. 1

Dated: 13.09.2013

Tender No. : AIIMS Bhopal/Store/MC/Biochemistry/Equipment/2013-14/01

Ref.: Advertisement dated 28.08.2013 and Pre- Bid Queries received by E-mail on 12.09.2013 upto 17.00 Hrs.

Following amendments are hereby authorized in the subjected Tender Enquiry by the approval of the Competent Authority of AIIMS Bhopal:

Amendment Point No. 1 : Schedule of Quantity & Technical Specifications

Item No.7: Set of Single Channel micropipette

(0.1/0.2-2/2.5, 2-20, 20-200 & 100-1000 µl volume)

For : A set of single channel variable volume pipette should consist micropipettes of following range-
   i) 0.1/0.2-2/2.5, 2-20, 20-200, 100-1000 µl
   ii) Systematic error for each pipette should not be more than 3-5% at minimum volume and 1% at maximum volume
   iii) Minimum resolution of volume 0.001µl (0.1-2.5 µl), 0.01µl (2-20 µl) and 0.1 µl (20-200 µl)
   iv) Enhanced UV resistance
   v) Easy digital volume setting
   vi) Easy and convenient single hand locking lever
   vii) Tightness and precise reproducibility for long hours.

Tip ejection without touching the tip

Read : A set of single channel variable volume pipette should consist micropipettes of following range-
   i) 0.1/0.2-2/2.5, 2-20, 20-200, 100-1000 µl
   ii) Systematic error for each pipette should not be more than 3-5% at minimum volume and 1% at maximum volume, except low volume micropipette 0.1/0.2-2/2.5 µl for which systemic error should not be more than 3-12% at minimum volume
   iii) Minimum resolution of volume 0.002µl (0.1-2.5 µl), 0.02µl (2-20 µl) and 0.2 µl (20-200 µl)
   iv) Enhanced UV resistance
   v) Easy digital volume setting
   vi) Easy and convenient single hand locking lever
   vii) Tightness and precise reproducibility for long hours.

Tip ejection without touching the tip

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Pre-Bid Clarification and Amendment No. 1 to Tender No. AIIMS Bhopal/Store/MC/Biochemistry/Lab Chemicals/2013-14/01  Page No. 3
Amendment Point No. 2: Schedule of Quantity & Technical Specifications

Item No. 7: Bottle top dispenser

For:
- Volume range 5-50ml
- Quick, easy, precise volume adjustment
- High-quality materials (PTFE, PEA, FEP, Borosilicate glass, platinum-Iridium) ensure high chemical resistance against most acids, solvent and bases
- A positive displacement plunger with a PFA Seal should minimize the crystallization of liquids and thus the clogging of the plunger

Dispenser simplex thread 45 adapter GL 32, 38, 540, increment

Read:
- Volume range 5-30ml
- Quick, easy, precise volume adjustment
- High-quality materials (PTFE, PEA, FEP, Borosilicate glass, platinum-Iridium) ensure high chemical resistance against most acids, solvent and bases
- A positive displacement plunger with a PFA Seal should minimize the crystallization of liquids and thus the clogging of the plunger

Dispenser simplex thread 45 adapter GL 32, 38, 540, increment

Amendment Point No. 3: Schedule of Quantity & Technical Specifications

Item No. 25 –

For: Incubator Shaker
- Light duty carrier size of 13-16”X 20-24”
- Number of oscillations fixed at 280± 20 oscillations per minute for bottles, flasks, test tube racks.
- Complete supplied with top platform rods, On/Off switch, plug and cord.
- Holding platforms (SS) for test tubes (10-20 ml) and flasks variable volume (25-250 ml)
- Power requirement to work on 200/220 volts, single phase, 50Hz, AC supply
- Warranty: 2 years

Read: Water bath Shaker
- Light duty carrier size of 13-16”X 20-24”
- Number of oscillations at least 280± 20 oscillations per minute for bottles, flasks, test tube racks.
- Complete supplied with top platform rods, On/Off switch, plug and cord.
- Holding platforms (SS) for test tubes (10-20 ml) and flasks variable volume (25-250 ml)
- Power requirement to work on 200/220 volts, single phase, 50Hz, AC supply
- Warranty: 2 years

Pre-Bid Clarification and Amendment No. 1 to Tender No. AIIMS Bhopal/Store/MC/Biochemistry/Lab Chemicals/2013-14/01 Page No. 4
Amendment Point No. 4: Schedule of Quantity & Technical Specifications

Item No. 26 - Upright Deep Freezer (-80 Deg C)

For:
- Upright deep freezer (microprocessor controlled)
- Capacity should be (385-450 liters)
- Minimum Temperature – 75°C to -80 °C or lower
- Temperature alarm (both visible and audible)
- Should have 3-4 compartments with proper insulation of each. Preferable to have individual insulated door for each compartment.
- Temperature stability for each shelf should be +/- 0.1°C of the set temperature.
- Temperature homogeneity between the top shelf and bottom shelf should be +/- 3°C of the set temperature.
- Digital display of set and actual temperature.
- Should be supplied with 12 aluminum cryo racks to hold the boxes of 2” height
- Power Input: 230VAC and should be supplied with suitable voltage stabilizer
- Minimum 2 years warranty (labour and parts) with quotation for AMC for 5 years
- Should be FDA or CE or BIS approved product

Read:
- Upright deep freezer (microprocessor controlled)
- Capacity should be (385-450 liters)
- Minimum Temperature – 75°C to -80 °C or lower
- Temperature alarm (both visible and audible)
- Should have 3-4 compartments with proper insulation of each. Preferable to have individual insulated door for each compartment.
- Temperature stability for each shelf should be +/- 0.1°C of the set temperature.
- Temperature homogeneity between the top shelf and bottom shelf should be +/- 3°C of the set temperature.
- Digital display of set and actual temperature.
- Noise level should be below 60 dB
- High-quality gaskets on inner and outer doors ensure a proper seal
- Should be supplied with 12 anodized aluminum/SS freezer racks to hold the cryo boxes of 2” height
- Power Input: 230VAC and should be supplied with suitable voltage stabilizer
- Minimum 3 years warranty (labour and parts) with quotation for AMC for 3 years
- Should be FDA or CE or BIS approved product
- CO2 Backup support (optional)

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Amendment Point No. 5: Schedule of Quantity & Technical Specifications

Item No. 10: Ordinary Student Centrifuge Machine

For:
- Max RPM: 3800-5000
- Max RCF: 1600-2000
- Swing out Rotor: 8 X 15 ml
  - No. of tubes: 12-16
- Power Input: 220-240 V
- Warranty 2 years

Read:
- Step less speed regulator
- Safety Lid interlock to prevent cover opening during centrifugation
- Dynamic brake for quick deceleration
- Imbalance detector with cut-off
- Max RPM: 4000-5500
- Max RCF: 2500-3600
- Swing out Rotor: 16 X 15 ml tubes
- Suitable adaptors for 15 ml falcon tubes and 100 mm long vacutainer tubes should be provided
- Power Input: 220-240 V
- Warranty 2 years

Please note:
The above Pre Bid Clarification and Amendment No. 1 dated 13.09.2013 is the integral part of Tender Document. Prospective Bidders are advised to download the same and its duly signed, stamped copy to be kept in the “Technical Bid Envelop”.

-Sd-
(Store Officer)
AIIMS Bhopal