



## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH

### TIRUPATI

#### CLARIFICATION ON TENDER NUMBER - **IISERT-PUR-0040-18**

#### ITEM DESCRIPTION- PROCUREMENT: **Single Crystal X-Ray Diffractometer**

Refer our Press Tender Notice No. **IISERT-PUR-0040-18** dated 16.05.2018 for procurement of **Single Crystal X-Ray Diffractometer**. Tender Reference Number - **IISERT-PUR-0040-18** .

Pre-Bid meeting was held on May 22<sup>nd</sup>, 2018 at 15.30 and minutes of meeting is as under.

At the outset, the Chairman welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the Project and thereafter requested Assistant Registrar (S&P) to brief the vendors on the salient features of the commercial terms and the indenting Officer to read out the clarification sought by the Prospective Bidders and replied thereto as detailed in Annexure -II and Annexure-III

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 IISER Tirupati and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

The other terms & conditions of the notice issued on our IISER website [www.iisertirupati.ac.in](http://www.iisertirupati.ac.in) will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

07.06.2018

Sd/-  
Assistant Registrar (S&P)



ANNEXURE -II

**IISER TIRUPATI**  
**PRE-BID CONFERENCE FOR PROCUREMENT OF Single Crystal X-Ray Diffractometer**  
**TECHNICAL QUERIES AND CLARIFICATION**

TENDER NUMBER - **IISERT-PUR-0040-18**

DATE: 22.05.18

S.No	Query/Clarification Sought	Clarification/Amendment
01.	<p><b>Page No. 23, Chapter 4</b></p> <p>The active area or the aperture of the camera should be <i>at least 100 mm x 100 mm or better</i> (i.e. large) for capturing weakest of the weakest reflections with excellent resolution’</p>	<p><b>Page No. 23, Chapter 4</b></p> <p>A typo in the tender specification was corrected.</p> <p>‘The active area or the aperture of the camera should be <i>at least 100 mm x 100 mm or better</i> (i.e. large) for capturing weakest of the weakest reflections with excellent resolution’ has been corrected as ‘The active area or the aperture of the camera should be <i>at least 135 mm x 135 mm or better</i> (i.e. large) for capturing weakest of the weakest reflections with excellent resolution’</p>
02.		<p><b>Page No. 27, Chapter 4</b></p> <p>Point 22. Optional Accessories: We require three years of comprehensive warranty for the following accessories:</p> <ul style="list-style-type: none"><li>• Component recognition facility for the offered SCXRD system</li><li>• X-Temp 2 Low Temperature Single Crystal Handling for X-ray Structure Analysis i.e. Combination of Crystal Cooling and Oil-Drop</li></ul>

		<p>Mounting Technique with accessories to be quoted</p> <ul style="list-style-type: none"> <li>• Cryo Express Vapor Shipper CX 100 dry shipper with all applicable accessories to be quoted</li> </ul> <p><b>Hence tender specification prevails.</b></p>																																																						
03.	<p><b>Page No. 27, Chapter 4</b></p> <p>A vendor has requested to amend the Cryo Express Vapor Shipper CX 100 specification requirement.</p>	<p><b>Page No. 27, Chapter 4</b></p> <p>Cryo Express Vapor Shipper CX 100 should have the following specifications:</p> <table border="1" data-bbox="898 690 1955 1421"> <tr> <td>Models</td> <td></td> <td><u>CX100</u></td> </tr> <tr> <td>Static Holding Time days(1)</td> <td></td> <td>24</td> </tr> <tr> <td>Working Time days(2)</td> <td></td> <td>17</td> </tr> <tr> <td>Evaporation Rate(1)liters/days</td> <td></td> <td>0.18</td> </tr> <tr> <td>Liquid Nitrogen Adsorbed – liters</td> <td></td> <td>4.4</td> </tr> <tr> <td>Weight Empty</td> <td>–lbs.–kg.</td> <td>11.7 5.3</td> </tr> <tr> <td>Weight Full(3)</td> <td>–lbs.–kg.</td> <td>19.5 8.9</td> </tr> <tr> <td>Neck Diameter</td> <td>–in. –mm.</td> <td>2.78 71</td> </tr> <tr> <td>Overall Height</td> <td>–in. –mm.</td> <td>18.4 467</td> </tr> <tr> <td>Overall Diameter</td> <td>–in. –mm.</td> <td>9.2 234</td> </tr> <tr> <td>Number of Canisters</td> <td></td> <td>1</td> </tr> <tr> <td>Canister Dimensions</td> <td>– in.–mm.</td> <td>2.64x11.0 67x279</td> </tr> <tr> <td>Number of 1.2 ml &amp; 2.0 mlvials (5/cane)(4)</td> <td></td> <td>85</td> </tr> <tr> <td>Number of 1.2 ml &amp; 2.0 ml vials (6/cane)(4)</td> <td></td> <td>102</td> </tr> <tr> <td>Number of 1/2 straws (10/cane)</td> <td></td> <td>280</td> </tr> <tr> <td>Number of 1/2 cc straws –Bulk ( 1 level)</td> <td></td> <td>490</td> </tr> <tr> <td>Number of 1/2 cc straws –Bulk ( 2 levels)</td> <td></td> <td>980</td> </tr> <tr> <td>Padded carton</td> <td></td> <td>3701–9277</td> </tr> </table>	Models		<u>CX100</u>	Static Holding Time days(1)		24	Working Time days(2)		17	Evaporation Rate(1)liters/days		0.18	Liquid Nitrogen Adsorbed – liters		4.4	Weight Empty	–lbs.–kg.	11.7 5.3	Weight Full(3)	–lbs.–kg.	19.5 8.9	Neck Diameter	–in. –mm.	2.78 71	Overall Height	–in. –mm.	18.4 467	Overall Diameter	–in. –mm.	9.2 234	Number of Canisters		1	Canister Dimensions	– in.–mm.	2.64x11.0 67x279	Number of 1.2 ml & 2.0 mlvials (5/cane)(4)		85	Number of 1.2 ml & 2.0 ml vials (6/cane)(4)		102	Number of 1/2 straws (10/cane)		280	Number of 1/2 cc straws –Bulk ( 1 level)		490	Number of 1/2 cc straws –Bulk ( 2 levels)		980	Padded carton		3701–9277
Models		<u>CX100</u>																																																						
Static Holding Time days(1)		24																																																						
Working Time days(2)		17																																																						
Evaporation Rate(1)liters/days		0.18																																																						
Liquid Nitrogen Adsorbed – liters		4.4																																																						
Weight Empty	–lbs.–kg.	11.7 5.3																																																						
Weight Full(3)	–lbs.–kg.	19.5 8.9																																																						
Neck Diameter	–in. –mm.	2.78 71																																																						
Overall Height	–in. –mm.	18.4 467																																																						
Overall Diameter	–in. –mm.	9.2 234																																																						
Number of Canisters		1																																																						
Canister Dimensions	– in.–mm.	2.64x11.0 67x279																																																						
Number of 1.2 ml & 2.0 mlvials (5/cane)(4)		85																																																						
Number of 1.2 ml & 2.0 ml vials (6/cane)(4)		102																																																						
Number of 1/2 straws (10/cane)		280																																																						
Number of 1/2 cc straws –Bulk ( 1 level)		490																																																						
Number of 1/2 cc straws –Bulk ( 2 levels)		980																																																						
Padded carton		3701–9277																																																						
04.	<p><b>Page No. 22, 23 Chapter 4</b></p>	<p><b>Page No. 22, 23 Chapter 4</b></p>																																																						

	<p>A vendor has requested to specify the detector with a size of 77.5 x 80.3 mm or lower.</p>	<p>The detector size specified as ‘should be <i>at least 135 mm x 135 mm or better</i> (i.e. large)’ in the tender document <i>is a critical requirement</i> for capturing weakest of the weakest reflections with excellent resolution and can’t be changed.</p> <p><b>Hence the tender specification prevails.</b></p>
--	---	--



ANNEXURE -III

## IISER TIRUPATI

### PRE-BID CONFERENCE FOR PROCUREMENT OF Single Crystal X-Ray Diffractometer

#### COMMERCIAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISERT-PUR-0040-18

DATE : 22.05.18

S.No	Query/Clarification Sought	Clarification / Amendment
01	<p>Page No. 27, Chapter 4</p> <p><b>Point 22. Optional Accessories:</b></p> <p><b>Warranty / Support for each component</b></p>	<p>Page No. 27, Chapter 4</p> <p><b>Amended for Three years of Comprehensive warranty for all the optional accessories under point 22</b></p> <p>It may now be read as</p> <p><b>“22. Optional Accessories:</b></p> <p><b>All the following optional accessories should have three years of comprehensive warranty.</b></p> <ul style="list-style-type: none"><li>• <b>Component recognition facility for the offered SCXRD system</b></li><li>• <b>X-Temp 2 Low Temperature Single Crystal Handling for X-ray Structure Analysis i.e. Combination of Crystal Cooling and Oil-Drop Mounting</b></li></ul>

		<p><b>Technique with accessories to be quoted</b></p> <ul style="list-style-type: none"> <li>• <b>Cryo Express Vapor Shipper CX 100 dry shipper with all applicable accessories to be quoted”</b></li> </ul>
02	<p><b>Page No. 17, Chapter 3</b></p> <p><b>Warranty / Support : Three years of comprehensive warranty</b></p>	<p><b>Page No. 17, Chapter 3</b></p> <p><b>Amended to Five years of Comprehensive warranty</b></p> <p><b>It may now be read as “ Warranty / Support : Five years of comprehensive warranty”</b></p>