



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
PUNE

CLARIFICATION ON TENDER NUMBER - IISER-PUR-0230-16

ITEM DESCRIPTION- PROCUREMENT OF INDIVIDUALLY VENTILATED CAGING SYSTEM

Refer our Press Tender Notice No.IISER/S&P/02/2016 dated 21.6.2016 for procurement of Individually Ventilated Caging System.Tender Reference Number - IISER-PUR-0230-16.

Pre-Bid meeting was held on June 30th, 2016 at 2.30 PM 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

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 Pune 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.iiserpune.ac .in](http://www.iiserpune.ac.in) will remain unchanged.No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

30.6.2016

Sd/-
Assistant Registrar (S&P)



IISER PUNE

PRE-BID CONFERENCE FOR PROCUREMENT OF INDIVIDUALLY VENTILATED CAGING SYSTEM

TECHNICAL QUERIES AND CLARIFICATION

TENDER NUMBER - IISER-PUR-0230-16

DATE:30.06.16

S.No	Query/Clarification Sought	Clarification / Amendment
1	<p>Mice holding rack : Double sided rack should hold atleast 160 cages per rack</p> <p>Mice breeding rack : Double sided rack should hold atleast 140 cages per rack</p> <p>Query: Different manufacturers have different size of racks. Ideally, the cages to be connected per ventilator should be specified which is the actual requirement of users.</p>	<p><u>Modification:</u></p> <p>Mice holding rack : The AHU should be able to handle atleast two double sided rack with a total capacity of minimum 300 cages (atleast 150 cages per rack)</p> <p>Mice breeding rack : The AHU should be able to handle atleast two double sided rack with a total capacity of minimum 250 cages (atleast 125 cages per rack)</p>
2	<p>Point No. 6 of Rack, Page 26 of 51 : the main horizontal plenum should be cylindrical allowing uniform air distribution.....</p> <p>Query: Cylindrical shape of plenum is not necessary for uniform Air Distribution Ducts. All Air Distribution Ducts in Air Conditioning, Ventilation or any other application are mostly square or rectangular. What matters most for uniform Air Distribution is the cross section area of the duct. Such</p>	<p><u>Modification:</u></p> <p>The main horizontal plenum (Cylindrical/square/rectangular) should allow uniform air distribution and the assurance for this should be provided by the vendor (certification)</p>

	specification should be left to manufacturers' standards.	
3	<p>Point No. 3 of Page 27 of 51: The total system should be certified by third party.</p> <p>Query: There are no fixed standards of IVC system grossly accepted by majority users across the world. Hence, there are hardly couple of companies carrying out certification for IVC system and that too for the standards such as TIZ-BIFO (T ierschutz I nformations Z entrum für die Bi omedizinische Forschung) which are absolutely founded by group of German Scientists / users and largely based on German Laws. Qualifying or certifying the system for any convenient standard hardly carries any importance. You may please check the website and you will find that there are hardly any common standards for which considerable number of manufacturers have got certification.</p>	<p>Certification by internationally reputed third party is an important criterion for us and therefore the tender specification prevails.</p> <p>No change in the specification.</p>
4	<p>Point No. 9 of Page 27 of 51: List of user in India and abroad of the similar models as the one(s) offered alongwith the names, addresses.....</p> <p>Query" IVC system has several variable features. Different users have different requirements and the features are provided according to their requirement. There may not be any other user who has asked for exactly same features. It may please be allowed to submit the list of customers for reasonably similar models. E.g. the customer having several number of systems with 96 cages or 128 cages or 140 cages in a double sided rack does not make any difference as far as the manufacturer confirms and demonstrates the capacity of ventilator (AHU) is good enough to cater to the number of cages supplied in the rack.</p>	<p>Tender specification prevails. Vendors can provide lists of 'similar' model(s) supplied and need not exactly the 'same' models.</p> <p>No change in the specification.</p>
5	<p>Point 9 (Specifications) on page 6 of 51 : ".....</p> <p>Query: A quotation has to be supported with the printed technical leaflet / literature of the quoted model of the item by the quoting party / manufacturer and the specifications mentioned in the quotation must be reelected / supported by the printed technical leaflet / literature. Therefore the model quoted invariably be highlighted in the leaflet / literature enclosed</p>	<p>Tender specification prevails.</p> <p>No change in the specification.</p>

	with the quotation. Non-compliance of the above shall be treated as incomplete / ambiguous and the offer can be ignored without giving an opportunity for clarification / negotiation etc. to the quoting party.	
6	Query: Different manufacturers have different designs for cage docking. Very specific detail about internal component creates hurdle in offering the system. The second part of point no. 7 (RACK) on page no. 26 may please be eliminated. Similarly, point no. 10 (CAGES) on page 26 may please be eliminated as the same is technically not correct. The contaminated air moves throughout the exhaust passage of air distribution system till the HEPA filter which arrests the contamination. The protruding of nozzle inside the cage does not cause the cross contamination. Anyway the nozzles are above the grill and not accessible to animals.	This is an important criterion for us and therefore the tender specification prevails . No change in the specification.
7	Query: Manufacturer's compliance statement about the specifications itself is the confirmation of specification. Hence, point no. 4 (GENERAL) of page 27 may please be eliminated.	Tender specification prevails. No change in the specification.
8	Query: As there are many features which are provided according to the clients requirement and the catalogues provide only a general detail about the product. Paragraph regarding all the specifications must have been mentioned in catalogue may please be eliminated (Point no. 9, page 6)	Tender specification prevails. No change in the specification.
9	Query: The user list for similar equipment may please be accepted instead of asking for the list of users with exactly same specification. (point no. (x), user list, page 5)	Tender specification prevails. No change in the specification.
10	4. Should have the ability to set the number and cage type easily via the control panel. Query: This spec is a limitation wrt to air delivery for some vendors as their systems can't operate until & unless some minimum no of cages are defined whereas certain system doesn't have such limitation as the system can be operated with 1 cage also.	Tender specification prevails. No change in the specification.
11	13. Noise levels at maximum operational capacity should not exceed 50 dB(A). Query: As noise is of prime concern inside animal room, some international makes are now available with noise as low as 20 decibels, hence if you decide the noise level below 25 db you have better choices	We have followed standard practices and 50 dB is a reasonably allowable limit, lower noise level will be even better! Thus, the tender specification prevails.

	to select from international vendors.	No change in the specification.
12	<p>6. The main horizontal plenums should be cylindrical allowing uniform air distribution and should be capable of screw-free demounting.</p> <p>Query: If the plenums are non cylindrical e.g., square then also air distribution will be uniform as air travels in Brownian motion.</p>	<p><u>Modification:</u></p> <p>The main horizontal plenum (Cylindrical/square/rectangular) should allow uniform air distribution and the assurance for this should be provided by the vendor (certification)</p>
13	<p>1. For Mice Holding System: Floor area should not be less than 430 cm²</p> <p>Query: Can we know how many mice you want to place inside the cage as internationally now the trend is to go for 500 cm² floor area.</p>	<p>No change in the specification because we have optimized the number based on the size of room and also the experimental requirements.</p> <p>Tender specification prevails.</p>
14	<p>1. For Mice Breeding System: Floor area should not be less than 530 cm²</p> <p>Query: Can we know how many mice wrt weight you want to place inside the cage as internationally now the trend is to go for 500 cm² floor area.</p>	<p>No change in the specification because we have optimized the number based on the size of room.</p> <p>Tender specification prevails.</p>
15	<p>5. The cage body should be symmetrical allowing the possibility of using both the cage sides.</p> <p>Query: If user knows which side will remain in front he can't do mistake because the cage assembly won't fit in and hence feature this might not be essential for the performance of the IVC unit.</p>	We have removed this specification.
16	<p>10. Inlet and outlet air nozzles should not protrude inside the cage to avoid cross- contamination.</p> <p>Query: Different vendors offer different air delivery strategy and contamination can be avoided irrespective of whether the air is delivered from bottom & exhaust air is removed from top because positive or negative air flow is continuously maintained which is always ONE WAY, therefore no contamination can happen.</p>	<p><u>Modification:</u></p> <p>The Inlet and outlet air nozzles should protrude to a minimum length into the cages not to disturb the animals housed and should provide a uniform air distribution inside the cage.</p>
17	<p>12. Air speed in the cage should not exceed 0.2 m/sec.</p> <p>Query This is the most important spec but who will verify this, TIZ BIFO,</p>	The entire system has to be certified by third party and the air speed is also part of it, hence the Tender

	Germany is the only international regulatory 3 rd party body which issues certificate that IVC systems are complied meeting this spec, hence IISER should must ask for TIZ BIFO certificate along with Technical bid.	specification prevails. No change in the specification.
18	1. International Certification (ISO/CE etc.), validation for the system (Cage + Rack + AHU) is mandatory (including filter integrity test for HEPA filter). Query: Along with ISO/CE certifications TIZ BIFO certification is solely required towards TECHNICAL performance.	Tender specification prevails. No change in the specification.
19	8. Availability of local factory trained service support at Pune and response time for a service call during and after the warranty should be specified. Query: If the engineer are based in Mumbai, can it be acceptable as service needs can be addressed same day at Pune from Mumbai also.	<u>Modification</u> : Availability of local factory trained service support at Pune/Mumbai and response time for a service call during and after the warranty should be specified.



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PRE-BID CONFERENCE FOR PROCUREMENT OF INDIVIDUALLY VENTILATED CAGING SYSTEM**COMMERCIAL QUERIES AND CLARIFICATION**

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DATE:30.06.16

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	-----NIL-----	-----NIL-----