



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/1303/22

Item Description- Procurement of Benchtop Ultracentrifuge

Refer an open tender published on Institute website www.iiserpune.ac.in and on CPP Portal on **21/11/2022** for procurement of **Benchtop Ultracentrifuge**.

Pre-Bid meeting was held on **28/11/2022** at **3.00 PM** and minutes of meeting is as under:

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

The representatives present were satisfied with the replies given and it was informed that the corrections / additons / 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 will remain unchanged. No more correspondence in this regard will be entertained

The meeting ended with vote of thanks to the Chair

28/11/2022

Sd/-
Assistant Registrar (S&P)

TECHNICAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF BENCHTOP ULTRACENTRIFUGE

S.No	Query/Clarification Sought	Clarification / Amendment
1	Is it necessary to include vibration free table. Because it is not compulsion with our equipment, user can put on normal table.	A table, which allows for optimal function of the centrifuge should be provided. If a vibration free table is not necessary, a table that can be used for placing the centrifuge should be provided.
2	It is necessary to include all the rotor which have asked, because in rotor requirement table a. Sr. no. 3; 6x3ml can be include in second option. b. Sr. no. 4; is repeat of sr. no. 1 rotor requirement. c. Sr. no. 10; for swing bucket rotor can we quote 4x7ml tubes	The rotor table is amended as follows (given below).
3	In the rotor requirement, there was list of rotors mentioned in the tender including 8 fixed angle, 2 swing out rotor, 1 Near Vertical or 1 vertical rotor. In the fixed angle rotor list, first and forth rotor have the same volume (10 x 2 ml) but they required different g force (600000x g and 400000 x g) as per tender clause. Beckman Coulter have rotor TLA-120.2 which has rotor capacity of 10 x 2ml with 627,000x g force. The same rotor can be run at 400000 x g force. Please let us know if we must quote only 1 rotor or two separate rotors for the above rotor requirement.	The rotor table is amended as follows (given below).

4	Point no 3 d -Fixed angle, swinging bucket and near vertical or vertical instrument Optima MAX XP benchtop instrument has all the combination of Fixed angle rotor, Swinging bucket rotor and Near Vertical Rotor as per rotor list. Do we need to quote all the rotors as per the list mentioned in the list along with instrument?	Point 3d mentions that the ultracentrifuge should have the capability to include these rotors. All rotors as per the amended list should be quoted. 5 rotors have been listed as a basic requirement and are an essential part of the equipment, while the rest are optional and will be chosen from the list.
5	In rotor requirement Near Vertical Tube rotor requirement is mentioned with the volume of 8x 2ml at 500 000 × g Beckman Coulter Optima MAX XP model has option of two rotors for near vertical tubes. One of the rotor TLN-120 has 8 x 1.2 mL capacity with 585 000x g Or TLN-100 rotor, which has capacity of 8 x 3.9 mL with 450 000x g. So request you to either amend the G Force to 400000 x g or better or else reduce the volume to 1.2 ml in the specification for which the rotor will achieve 585000 x g force.	The rotor table is amended as follows (given below).

The amended rotor table is given below:

	Swinging bucket/Fixed rotor	Number of tubes	Volume per tube, ml	Total volume, ml	Max rcf achievable	Requirement
1	Fixed angle	10	2	20	600 000 × g	Basic
2	Fixed angle	8	5	40	600 000 × g	Optional
3	Fixed angle	6	3	18	500 000 × g	Optional
4	Fixed angle	20	0.2	4	400 000 × g	Basic
5	Fixed angle	8	8	64	400 000 × g	Basic
6	Fixed angle	8	13	104	200 000 × g	Optional
7	Fixed angle	12	1.5	18	150 000 × g	Optional
8	Swinging bucket	4	2	8	200 000 × g	Optional
9	Swinging bucket	4	5	20	200 000 × g	Basic
10	Near Vertical Tube or Vertical tube	8	1,2	16	500 000 × g	Basic
11	Near Vertical Tube or Vertical tube	8	3.9	30	400 000 x g	Optional