

Department of Materials Science and Engineering

Enquiry Number: IITK/MSE/VV/2

Date: 23/05/2018

We are interested to purchase “**Table top centrifuge**” for cell culture laboratory. The proposed equipment should comply with or be better than each of the specifications mentioned in the Technical Specifications Section. Please carefully note and comply with the following instructions. If any of the instructions are not followed, the submitted bid will be disqualified.

1. Please submit your bids in two separate envelopes named “Technical Bid” and “Price bid”. The Technical bid should contain the detailed technical specifications of the proposed equipment, photographs of the machine and other accessories offered. The Technical Bid should not contain any prices. The Price Bid should contain the technical specifications as well as prices in details.
2. The “Technical Bid” should contain one “Technical Compliance” statement, each page of which should have signature and seal of the prospective supplier. In this statement, each of the specifications mentioned in the Technical Specification should be re-written and the value (or range wherever applicable) offered in the proposed machine for the given specification should be specifically mentioned. This should be followed by stating whether the offered machine complies or does not comply with the concerned specification. If value offered by proposed equipment for any of the asked specification is not specified or comply/does-not-comply for each specification not specified or any ambiguity is left in the specifications, the bid will be disqualified.
3. The prospective supplier should be either original manufacturer or 100% subsidiary or authorized agent of the original manufacturer of the offered machine. The Technical Bid should contain an original certificate obtained from the principal company to this effect.
4. The prospective supplier should have supplied the offered machine to at least 3 government or government-affiliated institutes, which should be either an IIT, IISc, NIT or a national laboratory like NML, NCL etc. The list of such personals having this machine and their contacts should be included in the Technical Bid.
5. Each of the envelopes should be appropriately marked as either “Technical Bid” or “Price Bid”. Enclose the two sealed envelopes in another bigger sealed envelope and send it to the address mentioned below.
6. Include proprietary item certificate if applicable
7. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%). Prices quoted should be FOB (indicating port of shipment) and CIF (New Delhi) values separately if requires import.
8. Institute is exempted from payment of Excise Duty under notification No. 10/97.
9. The bids should reach the undersigned before 12 pm on 12/06/2018.

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Technical specifications

- The centrifuge must offer swinging bucket, fixed angle and microplate rotors to meet current and future sample processing needs of the lab.
- RPM 17,000- 18,000 and RCF at least $30,000 \times g$
- CE marked, IVD compliant, UL listed- for safety containment
- Temp range -10°C to 40°C for refrigerated unit
- The centrifuge must have a minimum of 4 “direct recall” program keys
- The centrifuge must be capable of running 4 standard or 2 deep well microplates, PCR strips and hematocrit capillaries for future needs.
- The centrifuge must have the options of Swing out rotor for future needs.
- Certifications: CE Marked, IVD Complaint
- Rotor Required:
 - 1- Fixed angle rotor 6×50 & adapter for 6×15 mL with RPM 9,500 and G force 12,000 or more for cell culture application.
 - 2- Rotor with sealed lids for 4 standard or 2 deep well plate with RPM 4000 and G force 1500 or more

Optional rotor (To be quoted separately):

- Swinging bucket Rotor for 8 x 50 mL & 15 mL conical tubes. With RPM: 4500 and RCF $3200 \times g$ or better