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MARUTHAMALA.P.O VITHURA. P.O
THIRUVANANTHAPURAM 695551,
KERALA, INDIA
GST No.32AAAJI0299R1ZS

IISER/PUR/1122/SR/SB/24-25

Date: 12 Dec 2024

RETENDER CORRIGENDUM-I TO
TENDER NO
No IISER/PUR/1122/SR/SB/24-25

Sub: Supply Installation and Commissioning of Refrigerated Centrifuge: reg
Ref: Tender Enquiry No. 2024_IISRT_831954_1

1. Since all the bidders are technically not qualified, the above mentioned tender is re-tendered with revised technical specifications at Annexure 1 and revised BoQ.
2. The due date and date of opening will be as follows:-
Due Date: 30 Dec 2024 1500 Hrs
Date of opening 31 Dec 2024 1530 Hrs
3. All other Terms and Conditions remain the same. Bidders may quote accordingly

Thanking You,

Yours Faithfully

Anwar Sadath
12/12/24
Assistant Registrar. (P&S)



| Sl No | Specification |
|-------|--|
| 1 | Should be a compact, bench-top model suitable for the BSL-3 laboratory. |
| 2 | Should have a maximum speed of at least 14,000rpm or maximum rcf of 22,000g. |
| 3 | Centrifuge should be suitable for running large volumes of 4000ml \pm 400 ml. |
| 4 | The instrument should have an intuitive touch screen user interface for easy operation. |
| 5 | Centrifuge should have an option to use at least ten different rotors for maximum versatility. |
| 6 | Should quote a fixed angle rotor, adapters and aerosol tight lid for using at least six 50ml tubes as an optional. |
| 7 | Centrifuge should have swinging bucket rotor with a maximum speed of at least 4500 \pm 200 rpm (equivalent to centrifugal force of 4,200 \pm 200 g). |
| 8 | Swinging bucket rotors must have buckets (total 4L volume capacity) and adaptors for centrifuge tubes/ bottle (1.5 ml, 2 ml, 5 ml, 15 ml, 50 ml, 250 ml, 500ml and 750ml), and microplates(minimum 20 nos capacity) /deep well plates(minimum 4 nos capacity). |
| 9 | One set of each bucket and adaptors must be quoted as optional item |
| 10 | All the rotors and lid must be made 100% metallic and should be non-corrosive and autoclavable. |
| 11 | Centrifuge should be able to be used in biosafety level 3 (BSL 3) laboratories and should be compatible with different decontamination methods applicable. |
| 12 | Centrifuges should be equipped with gasketed aerosol-tight safety cups and sealed rotors with O-rings or similar sealings that can be operated within a BSC. |
| 13 | Third party biosafety/biocontainment certification from independent internationally reputed authorities should be provided. |
| 14 | The instrument should have a temperature range from -15 \pm 5°C to + 35 \pm 5°C; operating in CFC-free mode. |
| 15 | The centrifuge chamber should be made up of stainless steel and functional at <70% relative humidity in non-condensing conditions. |
| 16 | The instrument should work in pulse mode at selected speed of rotation. |
| 17 | The instrument should work for 9 hours or more continuously. |
| 18 | The centrifuge should have a clean and quiet operation with a noise level of less than 70dB (A) with all the rotors. |
| 19 | Should be programmable with a memory of at least 95 programs. |
| 20 | Should be having energy efficient features with alarm system and emergency lid lock release options during power failure. |
| 21 | Instrument should have clear display for all the parameters during operation. |
| 22 | Should have rapid cooling options. |
| 23 | Should have automatic rotor recognition and imbalance alert system. |
| 24 | Centrifuge timer should count after attaining the set rpm. |



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| 25 | Instrument weight without rotors, should not exceed 125 kg. |
| 26 | Should provide at least 3 years comprehensive warranty including rotors and 3 years post warranty AMC. The post-warranty AMC has to be quoted separately as optional |
| 27 | Should provide a detailed list of research institutes using the instrument with a detailed report of installation in last 5 centers (preferably in BSL3 laboratories). |
| 28 | The supplier should have a service provider in South India. |
| 29 | Should attach brochure with detailed specification without which the offer will be rejected. |
| 30 | Compliance sheet for all specification should be attached. Where ever relevant, the appropriate section/page number of technical brochures should be cited. |
| 31 | Should attach separate sheet of detailed quote for items with part number / catalogue number/ordering number/ third party items as per the offered price (Quoted amount in BoQ sheet) |

Amar Sadath
12/12/24



