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Date: 11.11.2020

CORRIGENDUM TO TENDER NO

No: IISER/PUR/0644/SK-P/SB/20-21

Sub: Supply of Anesthesia set up and surgery room accessories

Ref: Tender Enquiry No. 2020_IISRT_589641_1

The above-referred tender enquiry has been **RETENDERED** with revised technical specification as mentioned in Annexure 1

2. Accordingly, the due date for submitting and date of opening of bids has been revised as given below:

Due date for submission : 25.11.2020 (3.00 PM)

Date of Opening : 26.11.2020 (3.30 PM)

3. Bidders are requested to upload their technical specifications & compliance sheet taking into consideration the revised technical specification.

4. **All other terms and conditions remains same.**

Thanking You,

Yours Faithfully

Deputy Registrar
Purchase & Stores

Annexure I to No: IISER/PUR/0644/SK-P/SB/20-21

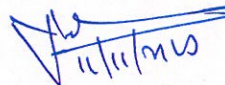
Specifications for anesthesia system with surgical equipment

Part A. Animal anesthesia system with induction chamber

1. The anesthesia system should be isoflurane based.
2. The system should include, a Isoflurane vaporizer unit, waste gas filtration system, gas leak-proof induction chamber, mouse and rat nosecones, oxygen flow meter, oxygen regulator, charcoal filter canister, surgery beds and connecting accessories.
3. The system should come with a peristaltic pump and perfusion tray with water inlet and outlet provision.
4. The system should be a tabletop model and should be portable. It should come with a stainless trolley with high quality lockable wheels for smooth transportation.
5. It should be suitable for both mice and rats.
6. Flow rate should adjustable between 0.5 to 5 liters per minute.
7. All the end caps, air supply connection pipes should be made up of fine quality rubber/standard material for smooth handling and long durability.
8. Concentration of anesthetic should be adjustable from 0 to 5%.
9. It should have facility to control both vaporizer and induction chamber.
10. It should come with Oxygen flush to purge the induction chamber before removing animal.
11. The vendor should supply all the required tubing and gaskets.
12. It should come with carry handle that can facilitate safe, easy transport of the unit.
13. It should have a Y-splitter valve directing anesthetic output to either the induction chamber or the breathing circuit.
14. It should come with suitable charcoal adsorbent canisters for both breathing circuit and induction chamber.
15. Additional charcoal canisters (2 numbers for each unit) should be provided.
16. Each unit should come with at least 2 nose cones suitable for mice rats each.
17. Working manual and standard operating procedure (SOP) and necessary operational diagrams should be provided.
18. At least five years of warranty should be included.
19. Additional three years AMC should be quoted separately.
20. Tests/validation to be carried out after installation without additional charges.
21. Proper demonstration, training during or after installation should be done by the supplier.

Part B. Euthanasia chamber for Mice and Rats

1. The system should be suitable for CO₂ based euthanasia of small rodents including mouse and rat.
2. The system should come with a flow meter and cylinder.
3. It should have CO₂ regulator and airtight unit to keep the animal/s.
4. Gaskets should be of highest quality to ensure durability and prevent CO₂ leakage.



5. Should have the provision to keep the animal under observation from top at all times.
6. The equipment should come with at least five years of warranty period.
7. The vendor should provide proper demonstration and training during or after installation.

Part C. Small Animal surgical platform

1. The surgical platform should be made up of chemical resistant stainless steel base supported by warming pad.
2. Should be suitable for operating on small rodents such as mice and rats.
3. It should be connected with surgical magnifier glasses with LED lightening, limb restrainers and accessory operating instruments.
4. Should come with detachable procedure bowl.
5. Should come with disposable covers.
6. Each surgical platform should be provided with a stainless steel trolley with smooth high quality lockable wheels.
7. Warranty period of at least five years should be provided by the vendor
8. The supplier should provide proper demonstration and training during or after installation/commissioning the system.

Part D. Shadow Less Operation Theatre Light

1. Shadow less operation theatre light should provide uniform distribution of light.
2. The light intensity should not be less than 75000 Lux
3. The diameter should not be less than in the range of 20 cm suitable for operating small animals such as mice and rat.
4. Movement of the extendable arm should be smooth and stable.
5. The extendable arm should be lockable in its position.
6. Light should not increase the temperature in the room.
7. Warranty period of at least five years should be provided.
8. The supplier should provide at least two spare lamps with each unit.
9. The supplier should provide proper demonstration and training during or after installation/commissioning.

General requirements

1. The vendor should attach the compliance sheet for all specifications along with necessary documents to support the claim. Wherever relevant, the appropriate section/page number of technical brochure / manuals should be cited.
2. Should attach a 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).

