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Subject: Request for submission of quotation/tender for “Anesthesia System for Animal Work”

Please send a sealed quotation in duplicate for “**Anesthesia System for Animal Work**” for our laboratory at the Department of Biological Sciences and Bioengineering (BSBE), Indian Institute of Technology Kanpur (IIT K) with specification and requirement as given below. The quotations should include taxes, warranty, educational discounts if any, freight and delivery. The quotation should reach our office at below mentioned address on or before **23.01.2012**.

ANESTHESIA SYSTEM FOR ANIMAL WORK

SPECIFICATIONS

- Anesthesia Machine with 0.2 to 4.0 litres per minute O₂ flow with an attached absorber system for re-breathing system.
- System should be preferably powder coated to keep it clean & chip free. The machine should have such a design such as it minimizes the use of hose and fittings and reduces chances of leakages of anesthetic gases. It should also have provisions for conversion for rebreathing/non-rebreathing circuits.
- The system should include a vaporizer for isoflurane (anesthetic agent). The vaporizer should have an appropriate knob (preferably funnel knob) having ease of handling and provide controlled amounts of the gas anesthetic under standard ranges of delivery to the oxygen that is flowing through the machine. The vaporizer should include end caps for tubing attachment.
- The system should also provide absorber canisters along with connection tubing for scavenging of excess anesthetic gas from the working area. It should be able to remove at least 40 grams of pure halogenated anesthetic gases.
- The system should include appropriate gas anesthesia masks for Guinea pigs, Rats, Mice & Rabbits with Diaphragm should have an appropriate shape that fit to the facial contours of the animal's snout.

- Coaxial breathing device should be provided as an option with a table to maintain the surgical plane where the fresh anesthetic enters side port & then passes the nose cone for rodents and rabbits. There should be an appropriate provision in the device for a valve or a separate passage for the exhaled carbon dioxide to be scavenged.
- **Warranty:** One- two years from the date of installation
- **Installation and demonstration:** Free of charge at the site of use.
- **Consumables, etc:** Preferably supplied free of charge for first time use
- **Proprietary,** authorization/distribution, instrument brochures and any other relevant documentation should be submitted along with the quotation.

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