

Corrigendum –I

Tender enquiry: 24/gensurg/CUSA/686/2023-Rishi-Admn

Tender Name: Procurement of CUSA for General Surgery

Tender ID: 2023_IMSR_763335_1

Subject: This corrigendum is being issued to rectify an omission of Technical specifications in the original tender document. Bidders are required to consider this corrigendum along with the original tender document.

TECHNICAL SPECIFICATIONS FOR CUSA

The Cavitron Ultrasonic Surgical Aspirator (CUSA) should have the following specification for use in Department of General Surgery.

1.	The Hand piece must be compact and based on Magnetostrictive/Piezo-electric technology with range from 20KHz-3KHz frequency.
2.	Hand Piece should have Tip Movement/Amplitude ranges from 300to360 micron.
3.	Tip should have Pre-aspiration facility at the end of the tip which helps to remove the heat generated by the rapidly vibrating tip, eliminate the misting that can impair visibility at the surgical site and also lubricates and suspends the fragmented tissue to prevent blockage during suction.
4.	The system should have expanded selection of hand pieces and surgical tips which allows the surgeon to select the most appropriate combination based on the surgical procedure.
5.	The system should be compact provided with built in integrated suction facility with vacuum pressure up to 660 mmHg with protective contamination guard.
6.	The system should be based on 4 major subsystems like Fragmentation, Cooling, Irrigation and Aspiration having user-friendly console, colour coded tubing for easy set-up of the system.
7.	The system must have a feature of controlling the Fragmentation rate without reducing the amplitude for different tissue barriers with a tactile feedback in the hand piece.
8.	The system should have Tissue release function with automatic shutting off after deactivation of the vibration foot switch to prevent against delicate tissue trauma.
9.	The Hand piece tips should be available for selection from 1.57mm dia up to 2.64mm dia for all the Hand pieces and tips should be available for disposable and re-usable autoclavable.
10.	The Hand piece must be compatible with Magnetostrictive/Piezo-electric technology with built-in-water cooling technology for extended life of the Hand piece.
11.	Aspiration should not be passed through the Hand piece to maintain absolute sterility. Should have independent suction circuit.
12.	The Hand piece should have a Laparoscopic tip (re-usable) about 30 cm in length and auto-clavable.
13.	The Hand piece should have a compatibility for laparoscopic tip easily changeable by the user
14.	The control panel should be rotatable and adjustable display for better visibility in the Operation theatre.
15.	The footswitch should have independent control of operation for irrigation, and simultaneous activation for Irrigation, Fragmentation and Suction operation of the hand piece.
16.	The system must have a feature of "Tissue Select" to differentiate tissue barriers with a tactile feedback in the hand piece.
17.	Irrigation rate of the system should be in the range of 1cc/min to 30cc/min.
18.	The Hand piece should have detachable electro-surgery unit with universal electro-surgery unit compatibility
19.	The system should be supplied with sterilization case for complete hand piece along with cables.
20.	The system along with all the subsystems should be based on integrated robust mobile cart including suction canister.
21.	The system should be in use in at least 3 Govt. Hospitals / Reputed Institutes and to provide satisfactory certificates form the users along with the copy the supply Order Purchase Order with Price.
22.	International standards certifications FDA & CE should be provided. Copy of the same should be enclosed

Requirements: 1 full-fledged CUSA unit including cart, irrigation suction unit and sterilization cases
Open probes / hand piece with a set of all surgical tips 2 sets.

Laparoscopic Probe / hand piece with a set of all available tips 1 set

The above specifications for CUSA
checked, verified & approved,
Manoj Andley

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