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Corrigendum

Corrigendum, dated 11.06.2020, in tender document -

"Tender No 24/ICU/Bronchoscope and AER/576/2020-Rish (Admn) published 28/05/2020 for Procurement of Bronchoscope and Automated Endoscope Reprocessor for ICU (Critical Care Unit)"

A prebid meeting regarding above tender was held on 04.06.2020 in Tender Office, AIIMS Rishikesh which was attended by different vendors.

After considering various suggestions/additions/deletions in prebid meeting, a corrigendum towards above tender is as follows

S.No.	Description	To be read as
1	**Full HD Video Processor with Light source**	
	Should be a Compact Processor, inbuilt long life LED light source, having light weight.	**A.1.1:** Should be a Compact Processor with light source inbuilt long life LED light source OR Xenon lamp 300 Watt (with 10 numbers of extra Xenon bulbs) light source
	Should be equipped with memory back up for settings.	**A.1.4:** Should be equipped with memory back up for saving the still images in internal or external USB drive.
	Should be having both HD-SDI/ DVI outputs.	**A.1.7:** Should be having HD-SDI/DVI outputs (Any 2 HD outputs).
2	Full High Definition 26 inch or more medical grade Monitor	**A.2:** Full High Definition 24 inch or more medical grade Monitor
	Should be 26 inch or more Monitor	**A.2.1:** Should be 24 inch or more Monitor
3	**Video bronchoscope:**	
	Distal end outer diameter : 4.8mm or less	**A.3.6:** Distal end outer diameter should be between 4.8mm -5.2mm
	Insertion tube diameter: 4.9mm or less	**A.3.7:** Insertion tube diameter should be between 4.9mm- 5.1 mm
	Compatible with leakage testing device with its air flow and pressure regulation through light source air pump.	**A.3.13:** Compatible with leakage testing device with its air flow and pressure regulation through light source air pump/ Manual Leakage Testing Facility should be available
	Tip bending range : Up180 degree & down 130 deg,	**A.3.8:** Tip bending should be between 180 - 220 Degree - Up
	Channel inner diameter : 2.0mm	**A.3.9**: Working Channel diameter should be between 2mm -2.2 mm
	Added	**A.3.14:** Should be supplied with Servo Voltage stabilizer for voltage regulation of whole system
		A.4.3: Biopsy Valves – 10 nos
		A.4.4: Mouth Guard – 1 nos Large and 1 nos Small
		A.5.3: Should have scope holder
	i3 computer with laserjet printer	**A.5.4:** i3 computer with medical grade software and color laser printer and min 30 backup UPS
	Automated Endoscope Reprocessor	To be read as detailed under "**B**" and subparts B.1 – B.18 ahead

The amended specifications are as follows under "A" and "B"

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A. Technical specs for Bronchoscope for ICU

S.No.	Description
A.1	**Full HD Video Processor with Light source**
A.1.1	Should be a Compact Processor with light source inbuilt long life LED light source OR Xenon lamp 300 Watt (with 10 numbers of extra Xenon bulbs) light source
A.1.2	Should be able to provide 16:9 and 16:10 output for a HDTV monitor
A.1.3	Should be equipped with real time optical Image enhancement technology for detailed observation by enhancing visibility of blood capillaries & mucosa
A.1.4	Should be equipped with memory back up for saving still images in internal or external USB drive
A.1.5	Should have automatic white balance and IRIS control.
A.1.6	Should have pre-freeze function to select the clearest still image automatically and noise reduction technology
A.1.7	Should be having HD-SDI/DVI outputs (Any 2 HD outputs)
A.1.8	Lamp can be turned on/off without turning off the equipment.
A.1.9	Should be compatible with UGI, LGI, Endoscopic Ultrasound
A.2	**Full High Definition 24 inch or more medical grade Monitor**
A.2.1	Should be 24 inch or more Monitor
A.2.2	Lower Power consumption
A.2.3	Should provide aspect ratio of 16:9
A.2.4	Should contain input / output for SDI, DVI
A.3	**Video bronchoscope:**
A.3.1	Should be compatible for real time special mucosal and blood capillaries pattern detection technology and optical/electronic zoom function for detailed observations
A.3.2	Should have Electro-cautery instrument compatibility
A.3.3	Field of view : 120 degree or more
A.3.4	Direction of view : 0 degree, forward viewing
A.3.5	Depth of field : 3-50 mm or more
A.3.6	Distal end outer diameter : 4.8 mm to 5.2 mm
A.3.7	Insertion tube diameter: 4.9 mm to 5.1 mm
A.3.8	Tip bending should be between 180 -220 Degree - Up
A.3.9	Working Channel diameter should be 2mm - 2.2mm
A.3.10	Working length : 600mm
A.3.11	Minimum Visible distance of : 3 mm or closer from distal end
A.3.12	Can be fully immersed in disinfectant solution and water
A.3.13	Compatible with leakage testing device with its air flow and pressure regulation through light source air pump/ Manual Leakage Testing Facility should be available
A.3.14	Should be supplied with Servo Voltage stabilizer for voltage regulation of whole system
A.4	**Accessories Compatible with working channel to be supplied**
A.4.1	Biopsy Forceps (compatible with channel) – 2 nos
A.4.2	Cleaning brushes and channel opening brush – 2 nos

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A.4.3	Biopsy Valves – 10 nos
A.4.4	Mouth Guard – 1 nos Large and 1 nos Small
A.5	**Trolley along with Computer and Software to be supplied**
A.5.1	Should have minimum 3 to 4 shelves
A.5.2	Trolley should be able to hold monitor, processor and light source
A.5.3	Should have Scope Holder
A.5.4	Should have anti- static strong wheels
A.5.5	i3 computer with medical grade software and color laser printer and min 30 backup UPS
A.6	System should be covered under 5 years Warranty & CMC
A.7	Should be US FDA / European CE / BIS

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B. Technical Specifications for Automated Endoscope Reprocessor (AER)

(To be quoted as optional item with separate price. Should be from same make as of Bronchoscope. Optional prices for "AER" will not be considered for Lowest Bid evaluation purpose)

S.No.	Description
B.1	Should have facility of reprocessing two endoscopes at a time
B.2	Should have facility of ultrasonic cleaning and high pressure cleaning
B.3	Should have in-built printing facility to ensure completion of reprocessing procedure
B.4	Cleaning time setting should be 1 to 10 minutes
B.5	Disinfection time setting should be 5 to 60 minutes
B.6	Supply water flow should be 17 L/Min or more
B.7	Should have built in heater in cleaning tub
B.8	Cleaning tube capacity – capacity 14 L appox
B.9	Disinfectant solution tank capacity – 17 L appox
B.10	Alcohol flushing for drain purpose, preferably automatic
B.11	Water Tank – 300 – 400 liters as the space availability
B.12	Water filtration per hour – 150 hours appox
B.13	RO Filter – 2 filters of 5 microns each
B.14	Motor of1/2 HP, RO membrane and pressure booster pump
B.15	Digital Panel for TDS measurement
B.16	Rotameter for flow rate measurement & pressure gauges
B.17	Should be supplied with all tubing, connectors for available different type of Video Bronchoscopes & EBUS Videoscopes
B.18	Should be USFDA / European CE / BIS approved

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