

18/12/2023

Amendment No. 5

Sub: Amendment to the referred tender enquiry.

**Ref.: HITES/PCD/AIIMS-IV/71 /Mix/2023-24, Date: 20-10-2023 read with Amendment No.1, 2, 3, 4
Dated: 24-11-2023, 04/12/2023, 07/12/2023 and 11/12/2023.**

The following changes are being incorporated in the above referred Tender Enquiry Document

**SECTION VII
TECHNICAL SPECIFICATIONS**

HITES/PCD/AIIMS-IV/71 /Mix/2023-24		
Item Name: Bronchoscopy/ Oesophagoscope (Tender ID: 2023_HITE_171584_2)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Heading (item Name)	Bronchoscopy/ Oesophagoscope	Heading (item Name) : Bronchoscope & Oesophagoscope
5	Prismatic light deflector with connection for fiber optic light cable- Three	Prismatic light deflector with connection for fiber optic light cable- 4 Nos
6	Glass Window Plug- Three	Glass Window Plug- 4 Nos
11	Bronchoscopic Forceps, circular cup, biopsy, malleable , double action jaws, diameter: 2.5 mm, working length 50 cm- One	Bronchoscopic Forceps, circular cup, biopsy, double action jaws, diameter: 2.5 mm, working length 50 cm- 2 Nos
14	Bronchoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 35cm- One	Bronchoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 50cm - One
15	Bronchoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 35cm- One	Bronchoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 50cm - One
18	Rigid Suction Tube, working length 35 cm- One	Rigid Suction Tube, working length 50 cm - One
Technical Specification for the Instruments required for Neonate Bronchoscope for the Dept. Of E.N.T		
8	Bronchoscope Forceps Alligator, single action jaws, semi-rigid diameter 1 mm- 2	Bronchoscope Forceps Alligator, single action jaws, semi-rigid diameter 1 -2 mm - 2
14	Prismatic light deflector-2 Nos	Prismatic light deflector- 4 Nos
15	Glass Window Plug-2 Nos	Glass Window Plug- 4 Nos
Technical Specification for the Instruments required for Pediatric Bronchoscope for the Deptt. Of E.N.T		

1	Straight Forward Tele-scope 0°, diameter 2.9 mm, working length 36 cm, auto-clavable. Fiber optic light transmission incorporated : ONE	Straight Forward Tele-scope 0°, diameter 2.9 mm, working length 36 cm, auto-clavable. Fiber optic light transmission incorporated : 2 Nos
7	Optical Forceps for Pediatric Broncho-Esophagoscopes, with bean jaes, for use with telescope forced controlled handle for removal of peanuts and soft foreign bodies : ONE	Optical Forceps for Pediatric Broncho-Esophagoscopes, with bean jaes, for use with telescope forced controlled handle for removal of peanuts and soft foreign bodies : 4 Nos.
22	LED light source equivalent to 300 Watt Xenon-1	LED light source -1
NA	NA	Added Para under Oesophagoscope Specification: Forcep for hard Foreign bodies 500mm length : 2 nos.

Item Name: Basic ENT examination units with motorized patient chairs and microscope (Tender ID: 2023_HITE_171584_3)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Name of Item	Basic ENT examination units with motorized patient chairs and Microscope	Basic ENT examination unit
4	Microscope Specs : It should be Binocular Operating microscope, Five Step Magnification, Objective Lens 250 & 400mm, Eyepiece 12.5x	Deleted
1	ENT Treatment Unit with Binocular Microscope made of High Quality steel casing with polyurethane covering for two or three storied large instrument surface with aluminum trays/ SS 304 trays, unbreakable glass/ Transparent unbreakable acrylic dust cover and built in waste container. Condensation discharge and liquid bottles should be easily accessible	ENT Treatment Unit with made of High Quality steel casing with polyurethane / Acrylic covering for two or three storied large instrument surface with aluminum trays/ SS 304 trays, unbreakable glass/ Transparent unbreakable acrylic dust cover and built in waste container. Condensation discharge and liquid bottles should be easily accessible
4	Microscope Specs : It should be Binocular Operating microscope, Five Step Magnification, Objective Lens 250 & 400mm, Eyepiece 12.5x	Deleted
7	Anti-fog device: 500W (approx)	Anti-fog device / Mirror Warmer integrated to ENT Unit
10 (8)	Anti fog-1 No	Anti fog/ Mirror warmer-1 No
11 (3)	Height of the seat: 50-70 cms (approx)	Height of the seat: Lowest (50-60) to highest (85-90) cms (approx), height adjustable range: 30cm or more
14 (a)	0° - 4 mm - 160 -180 mm working length	0° - 4 mm - 160 -180 mm working length, Autoclavable
14 (b)	30° - 4 mm - 160 -180 mm working length	30° - 4 mm - 160 -180 mm working length, Autoclavable

14 (c)	90° Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus.	90° - 10 mm Dia-Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable magnification, autoclavable
14 (d)	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7mm).	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7- 2.8mm), Autoclavable

Item Name: ENT Workstation (Tender ID: 2023_HITE_171584_6)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
3	At least 3 drawers with dividers and with 1 UV sterilizer	At least 3 drawers with dividers and with 1 UV sterilizer with automatic ON/OFF for safety.
10 (g)	21 inch or more Full HD (1920 x 1080p) medical grade monitor	21 inch or more Full HD (1920 x 1080p) medical grade monitor, mounted on a swivel arm on the unit.
10 (k)	Full HD (1920 x 1080p) C-MOS/ CCD technology with high sensitivity to light.	HD Camera System: Full HD (1920 x 1080p) C-MOS/ CCD technology with high sensitivity to light.
10 (o)	Should have Video freezing function	Camera should have Video freezing
10 (p)	It should have custom designed special case for keeping the unit.	Camera Unit: It should have custom designed special case /place for keeping.
12 (a)	Should have compressed air system	Should have in-built compressed air system
12 (b)	Powder and liquid atomizers with holder for atomizers (nozzles removable)	Powder- 02 nos and liquid atomizers- 02 nos with holder for atomizers (nozzles removable) should be included.
13	Telescopes (2 nos each)	Telescopes (2 nos each) autoclavable and reusable
13 (a)	0° - 2.7 mm - 160 -180 mm working length	0°; 2-7 - 3 mm - 160 -180 mm working length, autoclavable
13 (b)	0° - 4 mm - 160 -180 mm working length	0° - 4 mm - 160 -180 mm working length, autoclavable
13 (c)	30° - 4 mm - 160 -180 mm working length	30° - 4 mm - 160 -180 mm working length, autoclavable , autoclavable
13 (d)	70° - 4 mm - 160 -180 mm working length	70° - 4 mm - 160 -180 mm working length, autoclavable
13 (e)	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7mm).	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7 - 3 mm), autoclavable
13 (f)	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus.	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus, autoclavable

14	Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 4 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfectable quivers for flexible scopes.	Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 3 or more endoscopes). Preheating quivers: 03 nos or more Disinfection quivers: 03 nos or more Disinfection time control, Removable and disinfectable quivers for flexible scopes:03 nos or more
17(c)	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Column	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Arm
18	Integrated fibre optic light source for telescopes with 2 nos of outlets and 4 fibre optic cables. Cold light source (LED light source equivalent to 150W of Xenon lamp) Intensity adjustable	Integrated fibre optic light source for telescopes with 2 nos of outlets and 4 fibre optic cables. LED light source Intensity adjustable
19 (e)	Battery life : atleast 4 hours of operation	Battery life : atleast 3.5 hours of operation
21 (b)	Seat should have motorized lifting device. Lifting range of 25 cm or more. With minimum Height of 55 cm	Seat should have motorized lifting device. Lifting range of 25 cm or more. With minimum Height of 50-60 cm
21 (d)	Should have complete rotation 340 degree with locking device.	Should have complete rotation 340 degree or more with locking device on both sides.
24 B. (4)	Outer diameter: 4-5.5 mm	Outer diameter: 3.2 - 5.5 mm
24 B. (5)	Instrument Channel: 1.4 -2.5mm	Instrument Channel: 1.2 -2.5mm
24 B. (6)	Deflection: Upward: 130 deg or more, Downward: 110 deg. Or more	Deflection: Upward: 130 deg or more, Downward: 100 deg. Or more
24 B. (8)	NA	Added Para : Should have Suction channel in Fiber optic laryngoscope

Reply to the Technical Pre-Bid Representation.

Tender ID: 2023_HITE_171584_2			
Item Name: Bronchoscopy/ Oesophagoscope			
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION
Heading (item Name)	Bronchoscopy/ Oesophagoscope	NA (TEC RECOMMENDATION)	Heading (item Name) : Bronchoscope & Oesophagoscope
1	Straight Forward Telescope 0°, diameter 4.5 mm, length 50 cm, autoclavable. Fiber optic light transmission incorporated- One	To be amended as diameter 4.5- 5.5 mm, length 50cm , or else we need to quote two telescopes. Justification: Two different scopes are required however with the amendment requested one scope is compatible with all bronchoscopes	No Change
5	Prismatic light deflector with connection for fiber optic light cable- Three	As recommended by the tender committee during tender pre bid meeting, kindly increase the qty into 4	Prismatic light deflector with connection for fiber optic light cable- 4 Nos
6	Glass Window Plug- Three	As recommended by the tender committee during tender pre bid meeting, kindly increase the qty into 4	Glass Window Plug- 4 Nos
11	Bronchoscopic Forceps, circular cup, biopsy, malleable , double action jaws, diameter: 2.5 mm, working length 50 cm- One	To be amended as Bronchoscopic Forceps, circular cup, biopsy, double action jaws, diameter: 2.5 mm, working length 50 cm Justification: Double-action working ends are hinged in both jaws, allowing both sides to open and close and resulting in a wider and often stronger grasp for better functionality.	Bronchoscopic Forceps, circular cup, biopsy, double action jaws, diameter: 2.5 mm, working length 50 cm- 2 Nos
14	Bronchoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 35cm- One	To be removed from the specs. Justification: The size is too small wrt the bronchoscope tube mentioned in the specs.	Bronchoscopic forceps, universal biopsy and grasping double action jaws, diameter : 2.0mm, working length 50cm - One
15	Bronchoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 35cm- One	To be removed from the specs. Justification: The size is too small wrt the bronchoscope tube mentioned in the specs.	Bronchoscopic forceps, alligator, grasping double action jaws, diameter : 2.0mm, working length 50cm - One
18	Rigid Suction Tube, working length 35 cm- One	To be removed from the specs. Justification: The size is too small wrt the bronchoscope tube mentioned in the specs.	Rigid Suction Tube, working length 50 cm - One
Technical Specification for the Instruments required for Neonate Bronchoscope for the Dept. Of E.N.T			

8	Bronchoscope Forceps Alligator, single action jaws, semi-rigid diameter 1 mm-2	To be amended as bronchoscope Forceps Alligator, double action jaws, diameter 1 -2 mm Justification: Double-action working ends are hinged in both jaws, allowing both sides to open and close and resulting in a wider and often stronger grasp for better functionality.	Bronchoscope Forceps Alligator, single action jaws, semi-rigid diameter 1 -2 mm - 2
10	Suction Catheter, 6 Fr., with adaptor-ONE	To be amended as Suction Catheter, 4-6 Fr. with adaptor Justification: Generalised Specs	No Change
14	Prismatic light deflector-2 Nos	As recommended by the tender committee during tender pre bid meeting, kindly increase the qty into 4	Prismatic light deflector- 4 Nos
15	Glass Window Plug-2 Nos	As recommended by the tender committee during tender pre bid meeting, kindly increase the qty into 4	Glass Window Plug- 4 Nos
Technical Specification for the Instruments required for Pediatric Bronchoscope for the Deptt. Of E.N.T			
1	Straight Forward Telescope 0°, diameter 2.9 mm, working length 36 cm, auto-clavable. Fiber optic light transmission incorporated : ONE	NA (TEC RECOMMENDATION)	Straight Forward Tele-scope 0°, diameter 2.9 mm, working length 36 cm, auto-clavable. Fiber optic light transmission incorporated : 2 Nos
7	Optical Forceps for Pediatric Broncho-Esophagoscopes, with bean jaes, for use with telescope forced controlled handle for removal of peanuts and soft foreign bodies : ONE	NA (TEC RECOMMENDATION)	Optical Forceps for Pediatric Broncho-Esophagoscopes, with bean jaes, for use with telescope forced controlled handle for removal of peanuts and soft foreign bodies : 4 Nos
22	LED light source equivalent to 300 Watt Xenon-1	As recommended by the tender committee during tender pre bid meeting, kindly remove the word "equivalent to 300 watt xenon" it should be LED light Source	LED light source -1
NA	NA	NA (TEC RECOMMENDATION)	Added Para under Oesophagoscope Specification: Forcep for hard Foreign bodies 500mm length : 2 nos

Tender ID: 2023_HITE_171584_3			
Item Name: Basic ENT examination units with motorized patient chairs and microscope			
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION
Name of Item	Basic ENT examination units with motorized patient chairs and Microscope	NA (TEC RECOMMENDATION)	Basic ENT examination unit
4	Microscope Specs : It should be Binocular Operating microscope, Five Step Magnification, Objective Lens 250 & 400mm, Eyepiece 12.5x	NA (TEC RECOMMENDATION)	Deleted
1	ENT Treatment Unit with Binocular Microscope made of High Quality steel casing with polyurethane covering for two or three storied large instrument surface with aluminum trays/ SS 304 trays, unbreakable glass/ Transparent unbreakable acrylic dust cover and built in waste container. Condensation discharge and liquid bottles should be easily accessible	ENT Treatment Unit with Binocular Microscope made of High Quality steel casing with polyurethane/ Acrylic covering for two or three storied large instrument surface with aluminum trays/ SS 304 trays, unbreakable glass/ Transparent unbreakable acrylic dust cover and built in waste container. All Features/ controls and items should be easily accessible to the user. Justification: Polyurethane or acrylic material are both used & have similar properties. Giving both options makes the specification broad based.	ENT Treatment Unit with made of High Quality steel casing with polyurethane / Acrylic covering for two or three storied large instrument surface with aluminum trays/ SS 304 trays, unbreakable glass/ Transparent unbreakable acrylic dust cover and built in waste container. Condensation discharge and liquid bottles should be easily accessible
3	Suction system with pressure display and pressure not less than 50 l/min. - Ear Irrigation module temperature should be adjustable from 30 deg to 38 deg with flow adjustment from 50ml/min to 300 ml/min with irrigation handle and autoclavable jet connections should have mobile water collection bowl which can be connected with inbuilt suction system	Suction system with pressure display and pressure not less than 50 l/min. - Ear Irrigation module temperature should be adjustable from 37 deg to 38 deg with flow adjustment from handle and autoclavable jet connections should have mobile water collection bowl which can be connected with inbuilt suction system Justification: Standard is 37-38 deg C lower temperature is needed during caloric testing only, not specified here	No Change

4	Microscope Specs : It should be Binocular Operating microscope, Five Step Magnification, Objective Lens 250 & 400mm, Eyepiece 12.5x	Microscope Specs : It should be Binocular Operating LED microscope, Five Step Magnification, Objective Lens 250 & 400mm, Eyepiece 12.5x. The microscope should be unit mounted. Justification: Light type is not specified. LED is the latest technology. Mounting of microscope is also not specified.	Deleted
6	Compressor pump: 1.5 kg/squ.cm	Compressor pump: 1.5 kg/squ.cm (with regulation) Justification: Regulation allows the feature to be used on children	No Change
7	Anti-fog device: 500W (approx)	Mirror Warmer integrated to ENT Unit Justification: Mirror warmer is the anti-fog in ENT unit and is available with all manufacturers.	Anti-fog device / Mirror Warmer integrated to ENT Unit
10 (2)	Spray-2 Nos	Medicament Spray-2 Nos Justification: Better Clarity	No Change
10 (3)	Suction-1 No	Suction Tubing Set-1 No	No Change
10 (4)	Waste receptacle-1 No	Waste Bin/ receptacle inbuilt inside ENT unit, Foot operated -1 No Justification: This is standard, waste bin is always foot operated	No Change
10 (8)	Anti fog-1 No	Anti fog/ Mirror warmer-1 No Justification: Mirror warmer is the anti fog in ENT unit and is available with all manufacturers	Anti fog/ Mirror warmer-1 No
11 (3)	Height of the seat: 50-70 cms (approx)	Height of the seat: Lowest (50-60) to highest (85-90) cms (approx), height adjustable range: 30cm or more Justification: Current range is restrictive so bigger range in height of seat, to make it broad based & allow all bidders to participate	Height of the seat: Lowest (50-60) to highest (85-90) cms (approx), height adjustable range: 30cm or more
14 (a)	0° - 4 mm - 160 -180 mm working length	0° - 4 mm - 160 -180 mm working length, Autoclavable Justification: Autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided	0° - 4 mm - 160 -180 mm working length, Autoclavable

14 (b)	30° - 4 mm - 160 -180 mm working length	30° - 4 mm - 160 -180 mm working length, Autoclavable Justification: Autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided	30° - 4 mm - 160 -180 mm working length, Autoclavable
14 (c)	90° Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus.	90° - 10 mm Dia-Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable magnification, autoclavable Justification: 1 Focus is always prefixed, Magnification is variable in Tele-Laryngoscope 2. Autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided.	90° - 10 mm Dia-Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable magnification, autoclavable
14 (d)	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7mm).	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7- 2.8mm)., Autoclavable Justification: Autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7- 2.8mm), Autoclavable

Tender ID: 2023_HITE_171584_6			
Item Name: ENT Workstation			
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION
3	At least 3 drawers with dividers and with 1 UV sterilizer	At least 3 drawers with dividers and with 1 UV sterilizer with automatic ON/OFF for safety. Justification: UV light always comes with safety ON/ OFF feature.	At least 3 drawers with dividers and with 1 UV sterilizer with automatic ON/OFF for safety.
10 (g)	21 inch or more Full HD (1920 x 1080p) medical grade monitor	21 inch or more Full HD (1920 x 1080p) medical grade monitor, mounted on a swivel arm on the unit. Justification: Placement of the monitor specified.	21 inch or more Full HD (1920 x 1080p) medical grade monitor, mounted on a swivel arm on the unit.
10 (k)	Full HD (1920 x 1080p) C-MOS/ CCD technology with high sensitivity to light.	HD Camera System: Full HD (1920 x 1080p) C-MOS/ CCD technology with high sensitivity to light. Justification: This is a feature for camera, not of the recording system.	HD Camera System: Full HD (1920 x 1080p) C-MOS/ CCD technology with high sensitivity to light.
10 (o)	Should have Video freezing function	Camera should have Video freezing Justification: This is a feature for camera, not of recording system.	Camera should have Video freezing
10 (p)	It should have custom designed special case for keeping the unit.	Camera Unit: It should have custom designed special case/ place for keeping. Justification: This is a feature for camera, not of the recording system.	Camera Unit: It should have custom designed special case/ place for keeping.
11 (b)	Capacity: 40 ltr/min to 70 ltr/min, vacuum: -80 to -98kpa, with secretion collection of atleast 0.75 ltr with automatic secretion canister evacuator system.	In-built suction system with capacity of 40ltrs or more with regulator and display with automatic ON/OFF when handpiece is lifted. Display/ alarm to indicate any fault. Inclusive of funnel, suction canister 2 liters or more. Justification: Inbuilt suction system is the basic requirement of any workstation and its flow and collection capacity should be generalized and not specific to any vendor to ensure that the specifications are not specific to any vendor, not restrictive but are generalized and allow wider participation.	No Change

11 (e)	Suction Cannulas 1.0 to 4.0 mm (4 different sizes).	To be amended as Suction Cannulas should be supplied or 3 different sizes or more Justification: To generalise the specs for better tender participation	No Change
12 (a)	Should have compressed air system	Unit should have Inbuilt compressed air system Justification: Compressed air system should be built-in within the main unit. This is the basic requirement of any workstation. The name itself implies that the workstation should be inherently complete for all needs in the OPD department and compressed air is a basic need in the ENT OPD.	Should have in-built compressed air system
12 (b)	Powder and liquid atomizers with holder for atomizers (nozzles removable)	Powder-02 nos and liquid atomizers- 02 nos with holder for atomizers (nozzles removable) should be included. Justification: Quantity of powder and liquid atomizers should be clearly defined and not left open to ensure that all offers are identical and this is the basic requirement for full functioning of the ENT OPD of the hospital.	Powder- 02 nos and liquid atomizers- 02 nos with holder for atomizers (nozzles removable) should be included.
12 (d)	Automatically activated via sensor when hand piece is removed from its holder	Automatically activated via sensor when hand piece is removed from its holder/ or when the pressure is below the required level. Justification: For clarity and completeness.	No Change
13	Telescopes (2 nos each)	Telescopes (2 nos each) autoclavable and reusable	Telescopes (2 nos each) autoclavable and reusable
13 (a)	0° - 2.7 mm - 160 -180 mm working length	0° - 2.8 mm - 160 -180 mm working length, autoclavable Justification: 2.8mm makes it broad based and autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided.	0°; 2-7 - 3 mm - 160 -180 mm working length, autoclavable
13 (b)	0° - 4 mm - 160 -180 mm working length	0° - 4 mm - 160 -180 mm working length, autoclavable Justification: Autoclavable feature is for quality, Otherwise cheap chinese origin, low quality endoscope will get provided.	0° - 4 mm - 160 -180 mm working length, autoclavable

13 (c)	30° - 4 mm - 160 -180 mm working length	30° - 4 mm - 160 -180 mm working length, autoclavable Justification: Autoclavable feature is for quality, Otherwise cheap chinese origin, low quality endoscope will get provided.	30° - 4 mm - 160 -180 mm working length, autoclavable, autoclavable
13 (d)	70° - 4 mm - 160 -180 mm working length	70° - 4 mm - 160 -180 mm working length, autoclavable Justification: Autoclavable feature is for quality, Otherwise cheap chinese origin, low quality endoscope will get provided.	70° - 4 mm - 160 -180 mm working length, autoclavable
13 (e)	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7mm).	Oto-endoscope 0° (Length 4-7cm approx, diameter (2.7- 2.8mm)), autoclavable Justification: 2.8mm makes it broad based and autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided.	Oto-endoscope 0° (Length 4-7cm approx, diameter 2.7 - 3 mm), autoclavable
		To be amended as Oto-endoscope 0° Length 4-7cm approx, diameter 2.7 -3 mm). Justification: To generalise the specs for better tender participation	
13 (f)	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus.	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable Magnification, autoclavable Justification: A magnifier endoscope has adjustable magnification. Focus is always fixed. Autoclavable feature gives quality & long life. Otherwise cheap chinese origin, low quality endoscope will get provided.	90°Tele laryngo-pharyngoscope, magnifier scope (4X), fibre optic light transmission, adjustable focus, autoclavable

14	Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 4 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfectable quivers for flexible scopes.	<p>Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 4 endoscopes). Preheating quivers: 04 nos or more Disinfection quivers: 03 nos or more Disinfection time control, Removable and disinfectable quivers for flexible scopes:03 nos or more Justification: It is important to define the quantity of quivers required for storage and disinfection of the scopes both rigid and flexible to ensure seamless working for the busy AIIMS OPDs.</p> <p>To be amended as Disinfection and warming quivers for endoscopes (preferably for 3-4 endoscopes). Preheating quivers disinfection quivers, disinfection quivers, disinfection time control, removable and disinfectable quivers for flexible scopes Justification: Point specific to a company</p>	Disinfection and warming quivers for endoscopes preferably placed in extension arm (preferably for 3 or more endoscopes). Preheating quivers: 03 nos or more Disinfection quivers: 03 nos or more Disinfection time control, Removable and disinfectable quivers for flexible scopes:03 nos or more
16	Ear rinse cup with ear rinsing funnel with active motor system & automatic liquid bottle drainage system preferably on swivel arm.	Ear rinsing system with ear rinsing funnel with active motor system & automatic temperature control preferably on swivel arm. Automatic bottle drainage system should be provided in the presence of drainage system at the consignee place. The same should be checked during site readiness. Justification: Temperature control with rinsing system is essential to prevent cold shock to patient while rinsing. Since large volume of water can be used for rinsing and clearing of ear, proper and automatic drainage is essential to prevent flooding in OPD.	No Change
17(c)	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Column	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Arm Justification: Arm is movable, The column is fixed.	Switched on/off from control panel with dimmer or Switched automatic on/ off, on the movement of the microscope Arm

18	Integrated fibre optic light source for telescopes with 2 nos of outlets and 4 fibre optic cables. Cold light source (LED light source equivalent to 150W of Xenon lamp) Intensity adjustable	Integrated fibre optic light source for telescopes with 2 nos of outlets and 4 fibre optic cables. Cold light source (LED light source equivalent to 150W of Xenon lamp/ 750 Lumen or more) Intensity adjustable Justification: Intensity of LED is in Lumen and 750 Lumen is = 150W of Halogen/ Xenon	Integrated fibre optic light source for telescopes with 2 nos of outlets and 4 fibre optic cables. LED light source Intensity adjustable
19 (e)	Battery life : atleast 4 hours of operation	Battery life : atleast 3.5 hours of operation or more Justification: Standard for all headlight is 3.5 hours with charging time 4 hours	Battery life : atleast 3.5 hours of operation
20 (g)	Cross-type base	Cross-type base with footing Justification: Footing is for support and strength	No Change
21 (b)	Seat should have motorized lifting device. Lifting range of 25 cm or more. With minimum Height of 55 cm	Seat should have motorized lifting device. Lifting range of 25 cm or more. With minimum Height allowed 50- 60cm from footrest, Justification: Current range is restrictive so bigger range in height of seat, to make it broad based & allow all bidders to participate.	Seat should have motorized lifting device. Lifting range of 25 cm or more. With minimum Height of 50-60 cm
21 (d)	Should have complete rotation 340 degree with locking device.	Should have complete rotation 340 degree or more with locking device on both sides. Justification: This is important and is needed for easy Maneuverability by Doctor	Should have complete rotation 340 degree or more with locking device on both sides.
24 B. (4)	Outer diameter: 4-5.5 mm	Outer diameter: 3.2- 4 mm Justification: FNL is never more than 4 mm. Bronchoscopes is more than 4mm To be amended as Outer diameter : 3.5 - 5.5 mm Justification: To generalise the specs for better tender participation	Outer diameter: 3.2 - 5.5 mm
24 B. (5)	Instrument Channel: 1.4 - 2.5mm	Instrument Channel: 1.2 - 1.8mm Justification: This standard dia for instrument channel is 1.5mm +/- 3mm. This change will make it broad based.	Instrument Channel: 1.2 - 2.5mm
24 B. (6)	Deflection: Upward: 130 deg or more, Downward: 110 deg. Or more	To be amended as downward 100 deg. Or more Justification: To generalise the specs for better tender participation	Deflection: Upward: 130 deg or more, Downward: 100 deg. Or more
24 B. (8)	NA	NA (TEC Recommendation)	Added Para : Should have Suction channel in Fiber optic laryngoscope

27 (b)	CMC for 5 years. It should cover all components of unit (i.e. microscope, cold light source, suction system, head lamp suspension, head light, examination chair, doctor's chair, endoscopy centre including endoscopes, camera and monitor etc.)	CMC for 5 years. It should cover all components of unit (i.e. microscope, cold light source, suction system, head lamp suspension, head light, examination chair, doctor's chair, endoscopy centre including endoscopes, camera and monitor etc.) except the consumables. Justification: Consumables to be excluded from CMC as these cannot be forecasted and accounted for while quoting the CMC.	No Change
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Reply to the Commercial Pre-Bid Representation.

Clause No.	Existing Clause	Amendment request	Committee reply
Section IX QC Clause 3.	The Bidder should submit a 'Credit Limit Certificate' of at least 60% of the Tender estimated value} (or equivalent in foreign currency at the exchange rate prevalent on date of tender opening) duly certified by a "Scheduled Commercial Bank as per list issued by RBI from time to time" . The credit limit certificate must be valid at the time of tender opening or the date of issuance of credit limit certificate should not be older than 12(twelve) months at the time of tender opening.	The Manufacturer / Bidder should submit a 'Credit Limit Certificate' of at least 10% of the Tender estimated value} (or equivalent in foreign currency at the exchange rate prevalent on date of tender opening) duly certified by a "Scheduled Commercial Bank as per list issued by RBI from time to time" . The credit limit certificate must be valid at the time of tender opening or the date of issuance of credit limit certificate should not be older than 12(twelve) months at the time of tender opening.	No Change
Point 2 (a) (Please refer Page No. 80 of tender document)	The Manufacturer should have supplied and installed (performed self or through any of its reseller) in last Five years from the date of Tender Opening, at least 40% of the quoted quantity (rounded off to next whole number) of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily.	The Manufacturer should have supplied and installed (performed self or through any of its reseller) in last Five years from the date of Tender Opening, at least 40% of the quoted quantity (rounded off to next whole number) of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily in India	No Change
Point 2 (b) (Please refer Page No. 80 of tender document)	The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria should have executed at least one contract in the last five years from the date of tender opening of medical equipment anywhere in India of the same manufacturer.	The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria should have executed at least 20% of the quoted quantity of the same manufacturer in the last five years from the date of tender opening. The unit should have been in operation for at least one year from the date of tender opening.	No Change

All other contents of the Tender enquiry including terms & conditions remain unaltered.

Note:

- I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids.**

- II. In reference to the extension of bid opening date, participating bidders, who had submitted or are submitting their Bid security/EMD in the form of Bank Guarantee(BG) or FDR are instructed to extend the validity of their BG/FDR accordingly, i.e. required validity of EMD is to be kept in line with the extended bid opening date.**