



Notice Inviting e-Tender

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Procurement of Endourological Instrument Set for the Dept of Urology, Medical College, Kolkata
 (Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-589/2023

Dated-03.10.2023

Amendment-I

REVISED TECHNICAL SPECIFICATION Endourological Instrument Set

SI No	Name of instrument and equipment	Specification	Quantity
1	Adult Telescope 30 Degree Forward Oblique 4mm and 0-12 degree	30 Degree Telescope, diameter 4mm, Autoclavable, Length 30cm, fiber optic light transmission incorporated.	Four
		0-12 degree Telescope, diameter 4mm, Autoclavable, Length 30cm, fiber optic light transmission incorporated	Two
2	Pediatric Telescope 0 Degree Straight forward 1.9mm/2.1mm	Diameter 1.9mm/2.1mm, Autoclavable, Length 18cm, fiber optic light transmission incorporated. Diameter 1.9mm/2.1mm, Autoclavable, Length 18cm, fiber optic light transmission incorporated.	Two
3	Paediatric Telescope 30 Degree Straight forward, 1.9mm/2.1mm	Diameter 1.9mm/2.1mm, Autoclavable, Length 18cm, fiber optic light transmission incorporated	Two
4	Endoscopic Grasping Forceps	a) 3 Fr., b) Double action jaws, flexible, length 20 cm or more	Five
5	Endoscopic Biopsy Forceps	a) 3 Fr., b) Double action jaws, flexible, length 20 cm or more	Five

SI No	Name of instrument and equipment	Specification	Quantity
6	Endoscopic Stone Basket	➤ Stone Basket, sterile, disposable, 2.5 Fr., length 120cm	Five
7	Endoscopic Coagulating Electrode	a) 3 Fr., unipolar b) Length 110 cm	Five
8	Sealing cap of paediatric scope	-	Three Packs
9	SPECIFICATION FOR URS SET 6 Fr A. Uretero-Renoscope	a) 6/7.5 Fr., 5 to 6° one-step, conical, length 43 cm, autoclavable, with angled eyepiece, fiber optic light transmission incorporated, 2 lateral irrigation ports and 1 working channel 3 Fr. For instruments upto 3 Fr., b) Distal chip diameter of 6 Fr c) Distal end of sheath atraumatically shaped with round tip.	Five (6/7.5 Fr.)
10	<u>Path finder or equivalent for irrigation</u>	➤ Ureteroscopy irrigation system	5
11	Grasping Forceps for stone fragments	➤ Double action jaws, 4 Fr, rigid, length 60 c – 2 pcs	Twenty
12	Grasping Forceps for large stone fragments	➤ Triprong jaws, 4 Fr., rigid, length 60 cm. -2 Pcs.	Twenty
13	Grasping Forceps for stone fragments	Double action jaws, 3 Fr., rigid, length 60 cm. – 2 Pcs.	Ten
14	Grasping Forceps for stone fragments	Triprong jaws, 3 Fr., rigid, length 60 cm. -2 Pcs.	Twenty
15	URS Membrane seal (pack of 10)	-	Five packs
16	URS Membrane retainer, standard	-	Five packs
17	URS Membrane retainer with Luer-lock	-	Five packs
18	<u>Adult Cystoscope & Resectoscope</u> a. Cystoscope-Urethroscope Sheath b. Telescope bridge	a) 19Fr to 20FR and 20Fr to 21Fr with obturator and 2 LUER-lock connectors, b) With 1 lockable channel	a) Four (19Fr-1,20Fr-3) b)Six
19	Optical Grasping forcep	a) Double action jaws for stent b) Removal	Two
20	Forcep Cup Biopsy Forcep	➤ For removal of foreign bodies of 5 Fr with double action jaws, flexible, length 30cm to 40cm	Ten each

[illegible]

SI No	Name of instrument and equipment	Specification	Quantity
			Cold Knief (10 of each category) Glass Toomey (five pieces)
27	<u>Pediatric Qystoscolle, Resectoscolle & Urcthrotome Set:</u> a. Cystoscope-Urethroscope	a) Cystoscope-Urethroscope Sheath, within 8 to 10 Fr. Length 14cm with instrument channel 4Fr with obturator and 2 LUER-lock connectors. b) Cystoscope-Urethroscope Sheath, 11Fr, Length 14 cm with instrument channel 5Fr with obturator and 2 LUER-lock connectors	Two
	Electrode	a) Ball electrode, 3Fr, length 53 cm (URS) b) Needle electrode, 3Fr. Length 53 cm. (URS)	Two each
	Resectoscope Sheath	a) Resectoscope Sheath, including connecting tubing for inflow, 11Fr and obturator.	Two
	Urethrotome Sheath	➤ Urelhrotome Sheath, 10Fr, with obturator	Two
	Telescope bridge	a) Telescope bridge, with 1 lockable channel to be used with resectoscope sheath b) Telescope Bridge to be used with Urethrotome sheath	Two
	Working element	➤ Working element where cutting by means of a spring, the thumb support is movable and in rest position the electrode is inside the resectoscope sheath	Two
	cutting loop	➤ Cutting loop, angled	10 Pieces
	coagulating electrode	a) coagulating electrode b) Coagulating electrode, hook shaped, ball end. c) Coagulating electrode, without ball end. d) Coagulating electrode, angled, pointed	10 Pieces
	Cold knife	➤ Cold knife, straight Cold knife, round	10 Pieces
	High frequency cords	➤ High frequency cords (Monopolar)	Two
29	Working Element	a) Bipolar, cutting by means of spring, movable thumb support, in rest position the electrode is inside the sheath b) Compatible HF cord.	Two
30	Bi polar Cutting loop	a) Cutting loop, bipolar, 24 Fr, to be used with both 30 degree telescopes b) Ball electrode	Five Packs One Pack

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31	Resectoscope sheath Bipolar	a) 26 Fr, oblique beak, rotatable inner tube with ceramic or equivalent insulation b) Obturator for use with sheath.	Two each
32	Specification for High Frequency Energy units for bipolar resection should have following features:	a) It should have the soft, standard and forced coagulation. b) Auto start function: manual adjustment of operating time limit for bipolar coagulation c) Service port for software updates d) Automatic activation of coagulation current as soon as coagulation electrode touches tissue with both branches e) Activation of HF functions possible via footswitch or manual control switch. f) Bipolar application with NaCl irrigation solution. g) Connecting sockets for unipolar and bipolar application can be selected according to individual requirements h) Convenient use via 5" or more Touch Screen. i) Switchover function enables switching between two modes within a user programme via a footswitch from the sterile area. j) Interdisciplinary use k) Spray coagulation l) Arc-controlled cutting, unipolar m) Bipolar saline coagulation at 200watt or more, bipolar saline cut - 100 watt, bipolar saline -c-cut at 300 watt n) Unipolar maximum at 300watt where standard coagulation at 200 watt, forced coagulation at 120 watt, spray coagulation at 120 watt. o) LF/HF leakage current monitor p) Neutral Electrode safety system	Two
33	NEPHROSCOPE SET		Two
34	Puncture Cannula for Nephroscopy Puncture	Puncture Cannula, for localization of renal calculi including inner and outer cannulas, package of 5	Five Packs
35	Dilation Cannula for Nephroscopy	Dilation Cannula, Ø3 mm, for introduction of a second safety guide wire, consisting of an inner and outer cannula	Five
36	Telescope Dilation Set for Nephroscopy	Telescope Dilation Set, consisting of. set of 5 dilators, sizes 9,12, 15,18 and 20 Fr., 2 rigid guid rods and 2 flexible guide rods with Protecting Tube	Two sets
37	Telescope for Nephroscopy	Wide-Angle Straight Forward Telescope 12 to 30°, 12Fr and 18 Fr to 22 Fr., with parallel eyepiece, autoclavable, with LUER-Lock connection for inflow, with LUER-Lock connection for inflow, with instrument channel of maximum 11 Fr., fiber optic light transmission incorporated	Three each

SI No	Name of instrument and equipment	Specification	Quantity
38	Operating Sheath for Nephroscopy	15 to 25 Fr., for continuous irrigation and suction, with rotatable irrigation stopcock	One each
39	Hollow Obturator and Fascial Dilator for Nephroscopy		Two
40	Biopsy Forceps for Nephroscopy	6 Fr., semi-rigid, double action jaws, length 40 cm	Twenty
41	Grasping Forceps to be use in Nephroscopy	6 Fr., semi-rigid, triprong, length 40 cm	Twenty
42	Grasping Forceps for large stones and stone fragments to be use in Nephroscopy	7 Fr. fenestrated jaws and ring handle, double action jaws, length 38 cm, for use with percutaneous nephroscopes	Ten
43	Grasping Forceps for large stones and stone fragments to be use in Nephroscopy	9 Fr. serrated, double, action jaws, with ring handle, length 38 cm, for use with percutaneous nephroscopes	Ten
44	URETERAL DILATOR SET	6Fr-18 Fr 60 cm dilators	Five sets
45	AMPLANTZ RENAL DILATOR SET		
	a) AMPLANTZ SHEATH	16 Fr 16 cm Amplantz Sheath	100
		18 Fr 16 cm Amplantz Sheath	100
		20 Fr 16 cm Amplantz Sheath	100
		22 Fr 16 cm Amplantz Sheath	100
		24 Fr 16 cm Amplantz Sheath	100
		26 Fr 16 cm Amplantz Sheath	100
		28 Fr 16 cm Amplantz Sheath	50
		30 Fr 20 cm Amplantz Sheath	50
46	TWO PART TROCAR NEEDLE (PCNL)	18 GA 20 cm disposable two part trocar needle and echo tip	200
47	TWO PART TROCAR NEEDLE (PCNL)	18 GA 25 cm disposable two part trocar needle	50
48	URETHRAL DILATOR		5
	S curve urethral dilator set	With AQ hydrophilic coating 8Fr -20Fr 37 cm with side port	Two set

SI No	Name of instrument and equipment	Specification	Quantity
49	URETERAL ACCESS SHEATH		
	a)Flexor Ureteral Access Sheath	10 Fr 35 cm with AQ hydrophilic coating	20
	b)Flexor Ureteral Access Sheath	10 Fr 45 cm with AQ hydrophilic coating	20
	C)Flexor Ureteral Access Sheath	12 Fr 35 cm with AQ hydrophilic coating	10
50	Stone Extractor Nitinol Tipless		
	a)Ngage Nitinol Stone Extractor	2.2 Fr 115 cm	10
	B)Ngage Nitinol Stone Extractor	2.2 Fr 115 cm with modified basket	10
	C)N Circle Nitinol Tipless Stone Extractor	2.2 Fr 115 cm set	10
	d)N Circle Nitinol Tipless Stone Extractor	2.2 Fr 115 cm set	10
	e)N Circle Nitinol Tipless Stone Extractor	3 Fr 115 cm	10
	f)N Trap Stone Entrapment and Extraction Device	2.8Fr 145 cm	10
52	Flexible URS	Working length 67cm or more Outer dia 6 to 8 fr Instrument channel 3 to 4 fr Should have ceramic lining at distal end of working channel Should be supplied with grasping & biopsy forceps	Two
1. All Equipment should be from the same manufacturer except Energy source 2. Energy source and other accessories should be a reputed company having European CE /US FDA/BIS/ CDSCO approval			