

Notice Inviting e-Tender

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Supply and Commissioning of Medical equipment for setting up of Pediatric Cardiac Evaluation and Cardiac Surgery Unit under Rashtrya Bal Swasthya Karyakram (RBSK) Group-B

Bid Reference No.: WBMSCL/NIT-104/2022

Dated-21.03.2022

Amendment-I

REVISED TECHNICAL SPECIFICATION

Item No. 2

Sternum Saw

Vertical (Reciprocating) Sternum Saw Hand Piece .

1. Should have Safe Mode
2. Should have two speed controls with standard and fast mode. Free speed of 1000 to 13000 cycles per minute
3. Weight of hand piece with battery should be not more than 3.0 lbs.
4. Microprocessor controlled Hand piece can be calibrate for the consistence Performance
5. Should have DC brush less motor for low maintenance.
6. No lubrication require for lifetime
7. Should have Pistol grip Hand piece
8. Should have tool less mounting of accessories for all blades or attachments.
9. Saw noise level should not more than 84db
10. Should be autoclavable.
11. With different blades should have maximum speed of 13000CPM
12. Should be quoted with Two Sternum Guards

Redo (Oscill ating) Sternum Saw (Qty: 1)

1. Should have two speed controls with standard and fast mode. Free speed of 10000 - 12000 cycles per minute
2. Microprocessor controlled Hand piece Can be calibrate for the consistence Performance
3. Saw Noise level should not be more than 84db
4. Weight of hand piece with battery should be not more than 3 lbs

5. Blade mount should be adjustable to different angles with 360 degree rotation
6. Should have tool less mounting of accessories
7. Should have DC brush less motor for low maintenance
8. No lubrication require for lifetime
9. Should be autoclavable
10. Should have safe mode

Battery Charger with 4 batteries (Qty-1)

1. 220-240 volts charger and should have the feature to count the charging cycle for a particular battery,
2. Should have capability to identify the worn out battery
3. Should have to charge four batteries at a time without any module or modification need
4. Should have an indicator to provide battery status for charging.
5. Should be able to check over autoclaved battery cycles (Number of Time and Total Time)
6. Should have reconditioning features for battery for N1 cd battery
7. Should be able to charge different batteries with same charger
8. Li-ion Cell chemistry and also compatible with Ni Mh & Ni Cd batteries with low Internal impedance to deliver higher current than other battery type.
9. Should be 9.9 volts with capacity of 2.2 Ah
10. Weight should be not more than 0.9 lbs.
11. Li-ion cell with capacity to produce more torque and non autoclavable with life of 200 approximate & average charging cycles,
13. Should have a run time of minimum 21 minutes
14. Should be autoclavable batteries
15. No need of reconditioned with no memory effect
16. Should have Indicator light to inform user of low battery life
17. Should have capability to regulates Voltage Prevents battery energy level from being drained below a safety threshold where cells could potentially be damaged
18. Should have capability to measures and Stores Autoclave Abuse
19. Should have capability to safety features like Shuts off current to battery terminals when hand piece is not connected

Sterilization Case (Qty-2)

Should be accommodate all hand piece, attachment and accessories for autoclave

Certification

Should have US FDA certification or should have CE certification should have ISO certification

Service & Support

1. The company must having their service center in India and the regional service support
2. The company must provide a loaner support in case equipment is under warranty or under CMC
3. Company has to provide training & education for equipment handling to all CSSD Bio Medical & OT Staff
4. Company must have to do minimum two time preventive maintains in one year with company trained engineer.
5. Should quote for various accessories like batteries, Blades, Sternum Guard, battery case etc. which remain effective for next 3 years.

6. The company should either quote directly or through its Indian subsidiary. In case there is no Indian subsidiary, the authorized dealer only should quote the tender and should furnish proper

Should be supplied with following blades free of cost

1. Vertical Reciprocating Sternum Blades: 30 Nos
2. Redo Oscillating Saw Blades: 30 Nos

Safety Certification: US FDA / European CE (with 4 digit notified body)

Item No. 3
Cardiac instruments sets

Surgical Instruments set for the paediatric cardiac surgery

Sr. no.	Product description	Quantity
1.	Sternal Retractor - Finochietto chest retractor , Infant	04
2.	Sternal Retractor - Finochietto chest retractor , Child	04
3.	Sternal Retractor - Finochietto chest retractor ,larger children	04
4.	Sternal Retractor - Finochietto chest retractor , neonate or small infant	04
5.	Duval Lung Holding Forceps, atraumatic – 15mm jaw	02
6.	Duval Lung Holding Forceps, atraumatic – 10mm jaw	04
7.	Allison Lung Retractor - small	04
8.	Allison Lung Retractor - medium	02
9.	Atraumatic Atraugrip artery forceps curved - 7"	10
10.	Medium size curved artery forceps - 5.5"	50
11.	Atraumatic Atraugrip mosquito forceps curved: - 5"	50
12.	Atraugrip Debakey dissecting forceps: 6"/1.5mm tip	10
13.	Atraugrip Debakey dissecting forceps: 7"/1.5mm tip	10
14.	Atraugrip Debakey dissecting forceps: 6"/1.0mm tip	10
15.	Atraugrip Debakey dissecting forceps: 8"/1.5mm tip	10
16.	Atraugrip Debakey dissecting forceps: 7"/1.0mm tip	10
17.	Debakey dissecting forceps with Tungsten carbide jaws - 8"	04
18.	Fine plain forceps with Tungsten carbide jaws - 7"	10
19.	Bulldog clamp fine atraumatic ,small angled	10
20.	Bulldog clamp fine atraumatic , medium angled	10
21.	Bulldog clamp fine atraumatic , large angled	06
22.	Vascular Debakey clamp - 45 degrees, 5.5"	06
23.	Vascular Debakey clamp - 45 degrees, 7.5"	08
24.	Vascular Debakey clamp - 45 degrees, 8"	04
25.	Aortic cross clamp, infant ,Debakey , angled flat 60 degree, jaw 25-35 mm	06
26.	Vascular Satinsky clamp 5.5"	06
27.	Vascular Satinsky clamp 7"	06

28.	Vascular Cooley Derra for infant and neonate	06
29.	Vascular Cooley Derra small	10
30.	Vascular Cooley Derra medium	10
31.	Vascular Cooley Derra large	06
32.	Cooley atrial retractor left 1"	04
33.	Cooley atrial retractor left 1.5"	04
34.	Cooley atrial retractor left 2"	02
35.	Cooley atrial retractor right 1.5"	02
36.	Coronary suction cannula	10
37.	Tubbs dilator child	02
38.	Tubings holder simple for(1/2", 3/8",1/4",3/16" tubing)	06
39.	Endartecetomy wireloop set of 5	01
40.	Tubing clamp with guard 6"	40
41.	Tubing clamp with guard 8"	20
42.	Sternal wire needle holder twister with tungstain carbide jaws 7"	04
43.	Sternal wire needle holder twister with tungstain carbide jaws 6"	02
44.	Scalpel handel,number 7	06
45.	Scalpel handel, number 4	06
46.	Scalpel handel, number 3	10
47.	Tube milking forceps standard	04
48.	Sternal wire cutter with tungstain carbide jaws 7 "	06
49.	Kochers haemostatic forceps straight 6.25 "	24
50.	Kochers haemostatic forceps straight 7"	24
51.	Jemisons /Reynolds scissors curved with tungstain carbide jaws 6"	04
52.	Jemisons /Reynolds scissors curved with tungstain carbide jaws 7"	06
53.	Jemisons /Reynolds scissors curved with tungstain carbide jaws 8"	04
54.	DeBakey deep curved valve cutting scissors with tungstain carbide jaws 8"	02
55.	Langenbach right angle retractor 9" 30x11 mm	10
56.	Mini Langenbach right angle retractor 6" 17X 05 mm	12
57.	Cushings eyelid type retractor 9" width 6mm	10
58.	Cushings eyelid type retractor 9" width 10 mm	06
59.	Single hook retractor 6"	04
60.	Scissor Metzenbaum curved with tungstain carbide jaws 6"	10
61.	Scissor Metzenbaum curved with tungstain carbide jaws 7" 180mm fine curved	08
62.	Scissor Metzenbaum curved with tungstain carbide jaws 8" 200mm fine curved	06
63.	Scissor Mayo curved with tungstain carbide jaws 7" 180 mm fine curved	06
64.	Scissor Mayo curved with tungstain carbide jaws 8" 200 mm fine curved	06

65.	Scissors Mayo straight with tungstain carbide jaws 6.75"	04
66.	Scissors Potts Spring action 25D 180 mm 7"	04
67.	Scissors Potts Spring action 45D 180 mm 7"	04
68.	Scissors Potts Spring action 125D 180 mm 7"	04
69.	Snugger hook	06
70.	Debakey needle holder with tungstain carbide jaws 6"	06
71.	Debakey needle holder with tungstain carbide jaws 7"	06
72.	Debakey needle holder with tungstain carbide jaws 8"	06
73.	Debakey needle holder 7"	06
74.	Castroviejo: Barraquer needle holder with lock (straight) 6"	06
75.	Castroviejo: Barraquer needle holder with lock (straight) 7"	08
76.	Castroviejo: Barraquer needle holder with lock (straight) 8"	06
77.	Micro forceps platform plain tip, round handle 7"	08
78.	Micro forceps platform plain tip, round handle 8"	04
79.	Sponge holding forceps 6"	12
80.	Sponge holding forceps 8"	12
81.	Sponge holding forceps 10"	10
82.	Backhaus towel forceps 6"	40
83.	Backhaus towel forceps 5"	40
84.	Intestinal clamp atraugrip atraumatic, jaws straight 7"	04
85.	Intestinal clamp atraugrip atraumatic, jaws straight 8"	02
86.	Babcock atraugrip tissue forceps 6.25"	06
87.	Babcock atraugrip tissue forceps 8"	04
88.	Nerve hook, fine tip	10
89.	Cardiotomy bullet suction - large (attachable to 1/4 th inch tubing)	10
90.	Cardiotomy bullet suction - medium (attachable to 3/16 inch tubing)	10
91.	Cardiotomy bullet suction - small (attachable to 1/4 th inch tubing)	10
92.	Coronary probe set of 4 (0.75 mm, 1mm, 1.25mm, 1.5 mm)	01 set
93.	Rectangular surgical instrument table H-brace 20" width, 48" length, 34" height -	04
94.	Lacksell Roungeur - 9" , curved 5 mm	03
95.	Aortic cross clamp, small children ,Debakey , angled flat 60 degree, jaw 45 mm	04
96.	Aortic cross clamp, large children ,Debakey , angled flat 60 degree, jaw 55 mm	04
97.	Polyvinyl endoscopic esophageal dilator set of 11 (15 fr, 18fr, 21 fr, 24 fr, 27 fr, 30 fr, 33fr, 36 fr, 42 fr, 45 fr, 48 fr)	02
98.	Hegar's dilator set of 11, SS (3-4mm, 5-6mm, 7-8mm, 9-10mm, 11-12mm, 13-14mm, 15-16mm, 17-18mm, 19-20mm, 21-22mm, 23-24mm)	03

99.	Ring tip micro vascular forcep round handle 8"	04
100.	Safety Certification: US FDA / European CE (with 4 digit notified body)	-