

महात्मा गाँधी स्मृति चिकित्सा महाविद्यालय, इन्दौर

आर्थोपेडिक्स एवं न्यूरोसर्जिकन इंप्लांट की ई-निविदा हेतु कोरिजेंडम
चिकित्सा महाविद्यालय, इन्दौर के आर्थोपेडिक्स एवं न्यूरोसर्जिकन इंप्लांट की ई-निविदा हेतु
समिति की बैठक दिनांक 29.12.2020 मंगलवार के पश्चात निम्न सुधार कर कोरिजेंडम जारी
किया जाता है।

Sr. No.	Query	Answer/ Clarification
1	Clarification of point 60 regarding longevity is it going to be applicable for both Indian & Imported Joints.	निविदा की शर्त 60 में दर्शाये गये इम्पोर्टेड टोटल जोइंट रिप्लेसमेंट के स्थान पर इम्पोर्टेड एवं इंडियन टोटल जोइंट रिप्लेसमेंट पढा जावे।
2	Disposable will be chargeable or it needs to be accommodated along with the implant cost.	कंज्युमेबल फोर टी.एच.आर. एंड टी.के.आर. की दरे आइटम नंबर 72 एवं आइटम नंबर 73 कैटेगरी 02 पर मांगे गये है एवं इसकी किमत ज्वाइंट रिप्लेसमेंट कि दरे में सामायोजित ना करें।
3	Sr. No. 17 - If a company deals only in Spine implants will they be eligible for tender of Category 04.	निविदा कि शर्त क्रमांक 17 अनुसार श्रेणी 04 में समस्त आइटम्स की निविदा की दरे प्रस्तुत करना अनिवार्य है।
4	Do a company need to comply with both category 4A and B? i.e. Indian Neurosurgery implants and US FDA approval ?	निविदाकर को कैटेगरी 4A एवं 4B दोनो को एक साथ बिड करना आवश्यक नहीं है।
5	Rule No. 35- Turnover of 50Lacs will be for each year or it will be three years cumulative and if we quote for any one category then also turnover will be same?	निविदा शर्त क्रमांक 35 में वार्षिक टर्न ओवर रू 50 लाख निर्धारित है। <i>No change</i>
6	Experience certificate (Rule No.5) Details clause.	निविदा की शर्त क्रमांक 05 में स्वतः स्पष्ट है। <i>No change</i>
7	Rule No. 18 – Category 1 No need of rate quote of all products.	निविदा की शर्त क्रमांक 18 में स्वतः स्पष्ट है। <i>No change</i>
8	Rule No.17 Comparison letter.	निविदा की शर्त क्रमांक 17 में श्रेणी 03 (आर्थोपेडिक इम्प्लांट स.क्र 74-402) एवं श्रेणी 04 (न्यूरो सर्जरी इम्प्लांट (01-79) के स्थान पर श्रेणी 03 अथवा श्रेणी 04 पढा जावे।
9	Rule No.21- 10% Performance guarantee.	निविदा शर्त क्रमांक 21 में स्वतः स्पष्ट है। <i>No Change</i>
10	Kindly provide the specification of item no.69/ Sr no. 66 also your requirement of consumable in it Category- 4A	Neurosurgical Implants की कैटेगरी 4A एवं 4B में सरल क्रमांक 69 के स्पेसिफिकेशन चिकित्सा महाविद्यालय की वेबसाईट पर www.mgmmcindore.in अपलोड किये गये है।
11	Kindly provide the specification & Consumable and Disposable in Item No. 74 & Sr no. 71 Category 4A.	Neurosurgical Implants की कैटेगरी 4A एवं 4B में सरल क्रमांक 71 के स्पेसिफिकेशन चिकित्सा महाविद्यालय की वेबसाईट www.mgmmcindore.in अपलोड किये गये है।



12	Kindly provide the sizes in Item No.76 /Sr no 73 (Category 4A)	Neurosurgical Implants की कैटेगरी 4A एवं 4B में साईज /1 inch x 3 inch पढा जावे एवं Duragen के स्थान पर सिर्फ collagen matrix membrane पढा जावे।
13	Kindly provide the specification for Item no. 71.	Neurosurgical Implants की कैटेगरी 4A एवं 4B में सरल क्रमांक 74 को निरस्त किया जाता है।

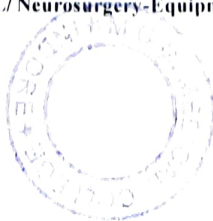
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Specifications for item
NO. 71

Item No 3CAVITRON ULTRASONIC ASPIRATOR WITH BONE SCALPEL

19/131-018

1	Ultrasonic Frequency	23kHz with Dynamic Tissue response technology
2	Inbuilt Systems:	
	Fragmentation/Vibration	Stroke maximum amplitude: Approximately 300 microns CE Approximately 200 microns SS <i>Linear/Preset</i> footswitch mode w/audio feedback Accumulated vibration time meter Variable control on front panel
	Irrigation	Peristaltic pump driven Flow rates (approximate): 2-10 cc/min., standard 25 cc/min., flush 20 cc/min., COAG with or without Vibration 2 cc/min., 2 minutes following deactivation of vibration Variable control on front panel Coaxial flow surrounding tip IV pole attached to console
	Aspiration	Approximately 3-23" (75-585mm) Hg at sea level Pinch-off valve for 'tissue release' Variable control on front panel <i>Suspend</i> mode shutoff after 2 minutes of inactivity; restarts on pedal activation.
	Monopolar COAG	Certified Electrosurgery Units (That work with our system via Umbilical cord) Valleylab Force2 Valleylab Force FX Conmed 7500 Saber 2400



Annexure-A

		Erbe ICC300															
3	ENERGY	Piezoelectric															
4	FOOTSWITCH CONTROL	Wireless															
		<p>Vibration Control</p> <p>Flush Irrigation Control</p> <p>COAG Control</p> <p>COAG + Vibration</p> <p>Simultaneous Control</p> <p>Cable length: 12' 6" (3.81m)</p> <p>Drip, water and oil-tight</p>															
5	HANDPIECES	<p>Piezoelectric transducer – 23kHz</p> <p>Autoclavable</p> <p>compact & universal 23 kHz handpiece for aspiration & bone sculpting - RF compatible</p> <p>powerful 23 kHz aspiration handpiece - RF compatible</p> <p>Physical Dimensions:</p> <table border="1" data-bbox="768 1087 1159 1514"> <thead> <tr> <th></th> <th>Short Straight</th> <th>Curved Extended</th> </tr> </thead> <tbody> <tr> <td>Length w/o probe</td> <td>4.8" (13 cm)</td> <td>9.5" (24.1 cm)</td> </tr> <tr> <td>Diameter</td> <td>.8" (2.0 cm)</td> <td>.8" (2.0 cm)</td> </tr> <tr> <td>Weight w/ tip</td> <td>3.2 oz. (91 g)</td> <td>4.16 oz. (118 g)</td> </tr> <tr> <td>Cable length</td> <td colspan="2">17' (5.2 m)</td> </tr> </tbody> </table> <p>Handpieces</p> <p>Handpiece AssemblySet: Counter wrench and torque wrench</p>		Short Straight	Curved Extended	Length w/o probe	4.8" (13 cm)	9.5" (24.1 cm)	Diameter	.8" (2.0 cm)	.8" (2.0 cm)	Weight w/ tip	3.2 oz. (91 g)	4.16 oz. (118 g)	Cable length	17' (5.2 m)	
	Short Straight	Curved Extended															
Length w/o probe	4.8" (13 cm)	9.5" (24.1 cm)															
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Weight w/ tip	3.2 oz. (91 g)	4.16 oz. (118 g)															
Cable length	17' (5.2 m)																
6	Tip/Probe Diameters	<p>Various tip for Tissue aspiration/Bone Sculpting/MIS surgeries</p> <p>1.9 mm Standard short, 1.6 mm Micro short,</p> <p>1.1 mm Precision short,</p> <p>1.9 mm Standard, long curved plus,</p>															

Annexure-A

		Bone Sculpting: 3.6 mm x 160o Macro short, 1.8 x 1.3 mm Micro long curved
7	CONSOLE OPERATION CONTROL	<p>Front Panel Controls:</p> <p>Power on/off.</p> <p>Setup</p> <p>Linear</p> <p>Preset</p> <p>Amplitude adjustment</p> <p>Aspiration vacuum level adjustment</p> <p>Irrigation flow rate adjustment</p> <p>Rear Panel Controls:</p> <p>Audio feedback volume control</p> <p>Alarm volume control</p> <p>Alarm override</p> <p>Indicators and Displays:</p> <p>Power-ON backlit LED indicator</p> <p>Vibration, irrigation & aspiration bar LED displays</p> <p><i>Linear, Preset&Setup</i> LED indicators</p> <p>Fault / time digital LED display</p> <p>Fault / time backlit LED indicator</p> <p>Modes of Operation:</p> <p><i>Setup</i> mode: System setup</p> <p><i>Standby</i> mode: Irrigation & Aspiration active</p> <p><i>Linear</i> mode: Linear Vibration, Irrigation & Aspiration active</p> <p><i>Preset</i> mode: Preset Vibration, Irrigation & Aspiration active</p> <p><i>Suspend</i> mode: Aspiration pump shuts down</p>
8	Container	2000cc
9	ACCESSORIES	<ul style="list-style-type: none"> Procedural Pack <p>Disposable:</p> <p>Standard, Micro, Precision, Long Curved, OsteoSculpt,</p>



		<p>Curved OsteoSculpt Procedure pack (Sterile)</p> <p>Pack Contents:</p> <p>Titanium tip</p> <p>Silicone sleeve for tip</p> <p>Irrigation / aspiration tubing, with clips</p> <p>Wire stylet for dislodging clogs.</p> <p>Small o-ring for CE handpiece (may not be included in all packs)</p> <p>Large o-ring to secure tubing to handpiece (may not be included in all packs)</p> <ul style="list-style-type: none"> • Single-Use Monopolar Handpiece Cable for electrosurgical procedures • Sterilizer Case • Aspiration Filters (Inner and Outer)
10	Power Supply	<p>Line Voltages:</p> <p>110/115/120 VAC, 50/60 Hz.</p> <p>220/230/240 VAC, 50 Hz.</p> <p>Current:</p> <p>2 Amps max at 220/230/240 VAC</p> <p>4 Amps max at 110/115/120 VAC</p>
	NON-STANDARD	CS-PDA/Handpiece

Ultrasonic Bone Scalpel System

Ultrasonic Bone Scalpel System designed to provide clean cuts through osseous structures with minimal loss of viable bone while sparing adjacent soft tissues to enable rapid, safe & precise osteotomies . Ultrasonic surgical device should minimize loss of viable bone with drastic reduction of intra-operative bleeding having following specification---

1) Ultrasonic Bone Scalpel System consist of Ultrasonic console , hand piece with wrench , foot switch & system accessories having following features---

Console

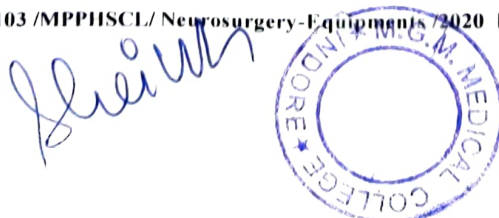
a) Ultrasonic console with inbuilt irrigation pump for Ultrasonic Osteosurgery to worked on 22.5kHz±500Hz frequency with maximum 300micro-amp Ground leakage current

b) Console should deliver maximum output power of 130 Watt.

c) Console front panel should have digital display with following features-

* Ultrasound enabled/Standby button

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Annexure-A

- *Menu Button
- *Amplitude control for power selection
- *Pulse rate control for power selection
- *Ultrasonic Timer with Reset
- *Irrigation Flow rate control (Variable up to 90ml/minute)
- * Six screen specific buttons
- * Foot switch Control for ultrasonic output

Hand Piece

- 1) The Ultrasonic Surgical device hand piece should be autoclavable/low profile to be used in various procedures.
- 2) Hand piece should have piezo electric transducer to convert input signal into mechanical oscillations.
- 3) Hand piece blade should oscillate in linear, piston-like motion enabling an effortless dissection of hard cortical bone with 1,350,000 strokes per minute.
- 4) The system should have integrated in-line irrigation which should run through the hand piece and through the blade
- 5) All disposable blades should have channel to support in-line irrigation
- 6) Accessories like : T- Handle and Torque wrench should be provided with the system

Accessories Tips

Tips for hard tissue removal to be connected with handpiece with blade thickness as small as .5mm having following sizes—

1. Bone scalpel- 20mm, blunt-includes 20mm blade with short extension (with a channel for irrigation) and silicone sleeve---- 1nos
2. Bone scalpel -10mm, blunt-includes 10mm blade with long extension with a channel for irrigation (straight\ curved) and silicone sleeve----1nos
3. Bone scalpel -20mm,unilateral serrations includes blades short extension with a channel for irrigation with silicone sleeve---01 each
4. Bone shaver –Micro Hook include shaver tip , with a channel for irrigation, (straight/curved—short/long extension)with silicone sleeve-----01 each
5. Diamond Shaver (approx 4.5mm) with a channel for irrigation and silicone sleeve – for bone shaving of larger area- 1 nos
6. Irrigation tube set compatible with the system ----3

Environmental Specifications	
Operating	• Temperature 55-95°F (13-35°C)



Annexure-A

	<ul style="list-style-type: none">• Relative Humidity 20-90% (Non Condensing)• Standard Atmospheric Pressure
Shipping/Storage	<ul style="list-style-type: none">• Temperature: 35-120°F (2-49°C)• Relative Humidity: 10-95%(Non Condensing)• Ambient Pressure Extremes: 40,000 ft.
Irrigation System	
Pump type:	Peristaltic
Pump Flow Rate:	Variable up to approximately 90mL/minute
Pump Controls:	Flow rate control
Tubing:	Male Luer Lock Connection at Handpiece

Shrinu



Specifications for item NO (69)

Annexure-A

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Item No 4

HIGH SPEED NEURO ELECTRIC DRILL PRODUCT DETAILS

- Neuro, Spine and ENT applications should be possible from a single Electrical console.
- Console should recognize various hand pieces and automatically adjust the settings accordingly.
- Console should have 2 inbuilt pumps for Irrigation (5Cc / Min to 100Cc / Min) and Cooling.
- Console should be able to support micro-debrider and high-speed micro-saw hand-piece for future upgrade option
- Console should have large Touch screen monitor.
- The various parameters should be able to adjust either from touch screen panel or from the multifunction foot switch.
- Console should able to support factory calibrated navigable motor for spine and MIS surgeries directly compatible with navigation system for future upgrade option
- Should have multifunction ergonomically designed foot control with light emission for easy identification.
- Surgeon should be able to control from the foot control itself the Speed / Accelerate Mode, Forward / Reverse Toggle, active hand piece changes etc.
- Should have option for remote control Irrigation to operate from sterile area by the surgeon himself.
- Should have in built user-friendly interactive menu and illustrative help guide
- Should have option of in-built Lens cleaning system for compatible endoscope with console
- Motor should be ergonomically designed electrical Drill System with high Torque – 41 mNm and Power up to 160W.
- Speed should be variable from 10,000 to 75,000rpm.
- No Lubrication or seal should be required to run the motor.
- Should have quick release and lock system for tools and attachments
- Should include specialized attachment burs for trans nasal skull base approach, with 13cm length and distal bend, with options for cutting and diamond burs
- ~~Should have the European CE/US, FDA approval~~

Attachments and Accessories

- Straight Short Attachment: 9cm - 1 No.
- Straight long attachment: 14 cm – 1 No.
- Perforator Driver – 1 No
- Angled Long Attachment: 14cm – 1 No.
- Angled long attachment: 20 cm – 1 No.

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Sum



Annexure-A

- Angled short attachment: 9 cm – 1 No.
- Specialized attachment burr with inbuilt irrigation - burrs for trans-nasal skull base procedures: diamond and cutting – 1 No each
- Irrigation tubing for trans-nasal attachment burr – 1 No each
- Craniotomy attachment dura-guard – 2 No.
- Cleaning Brush: 3 No.
- Lubricant Attachment spray – 2 No.

Tools:

- A. 9cm length – Cutting & Diamond: 5 each
- B. 14cm Length - Cutting & Diamond: 5 each
- C: Craniotomy cutter – 10 No.
- E: Perforator Driver burrs – 5 No.