



Running Contract Details	
Equipment Name	HIGH SPEED NEURO DRILL SYSTEM
Running Contract Valid Till	01-08-2024
Tender Ref No	KMSCL/EP/T451(R)/895C/2022
Tendered Quantity	5
Supplier Name	M/s Bions Medical Systems Pvt Ltd
GST No	32AACCB4877B1Z1
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Address:53/333 A1 Arden Ivy Court Opp.Reliance Fresh Off S.C. Bose Road Vytila-Kochi-682019	Contact Person	JOMY THOMAS
	Phone	0484-2969622/33/44
	Mobile No	9567860500
	Email	customercare@bionsmedicalsyste.ms.com, jomy.thomas@bionsmedicalsyste.ms.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	HIGH SPEED NEURO DRILL SYSTEM <i>Model & Make : Midas Rex MR8/ Medtronic Inc. USA</i>	0 Incl.GST :0%	0	0
2	Electrical console with two pumps <i>Model & Make : CONSOLE EC 300 IPC NT</i>	543121.6 Incl.GST :12%	40055.22	583176.82
3	High Speed Drill Motor <i>Model & Make : MR8 Electric</i>	350108.64 Incl.GST :12%	25820.51	375929.15
4	Multifunction foot switch <i>Model & Make : EF200 IPC</i>	126504 Incl.GST :12%	9329.67	135833.67
5	Cleaning Brush	8757.28 Incl.GST :12%	645.85	9403.13
6	Angled attachment 14 cm long	165664.8 Incl.GST :12%	12217.78	177882.58
7	Craniotomy Attachment Adult size	82831.84 Incl.GST :12%	6108.85	88940.69

Item-wise Price Details							
8	Straight attachment 9 cm long			53338.88 Incl.GST :12%	3933.74	57272.62	
9	Perforator Driver			150636.64 Incl.GST :12%	11109.45	161746.09	
10	Straight attachment 7 cm Long			62688.64 Incl.GST :12%	4623.29	67311.93	
11	Tool for Craniotomy			6867.84 Incl.GST :12%	506.5	7374.34	
12	3mm ball fluted & diamond 14 cm long			15964.48 Incl.GST :12%	1177.38	17141.86	
13	4mm ball fluted & diamond 14 cm long			22372 Incl.GST :12%	1649.94	24021.94	
14	5mm ball fluted & diamond 14 cm long			19572 Incl.GST :12%	1443.44	21015.44	
15	5mm Acorn Tool 14cm long			8279.04 Incl.GST :12%	610.58	8889.62	
16	3mm ball fluted & diamond 9 cm long			17694.88 Incl.GST :12%	1305	18999.88	
17	4mm ball fluted & diamond 9 cm long			17006.08 Incl.GST :12%	1254.2	18260.28	
18	3mm cutting burr 9 cm long			8998.08 Incl.GST :12%	663.61	9661.69	
19	5mm cutting burr 9 cm long			8050.56 Incl.GST :12%	593.73	8644.29	
20	Curved Endo Nasal Burs 3mm cutting & diamond			76485.92 Incl.GST :12%	5640.84	82126.76	
21	Irrigation tubing			6261.92 Incl.GST :12%	461.82	6723.74	
22	Perforator Bit			20910.78 Incl.GST :18%	1463.75	22374.53	
				1772115.9	130615.13	1902731.03	
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
HIGH SPEED NEURO DRILL SYSTEM							
Labour	45,044.00	47,297.00	49,661.00	52,144.00	54,752.00	57,489.00	60,364.00
Comprehensive	1,35,133.00	1,48,646.00	1,63,511.00	1,79,862.00	1,97,848.00	2,17,633.00	2,39,397.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :HIGH SPEED NEURO DRILL SYSTEM

I. Electric Drill Console

1. The electric drill system should be designed for cranial, spine, and skull base, surgery applications, complete with console, foot switch, Drill motor Hand Piece, and attachments.
2. Console should be able to connect multiple hand pieces at a time like Neuro Drills (Up to 75000 RPM), Saw systems (Reciprocating ,Oscillating and sagittal) & Debrider Hand piece
3. Console should recognize different hand pieces automatically.
4. System should have multi-function foot switch capable of operating in both ON/OFF and Acceleration modes.
5. Console should have two independent irrigation pumps integrated to it with irrigation speed adjustments (5Cc/Min to 100Cc/Max) through touch of a button. One pump should be for endoscopic lens cleaning and the other for irrigation during drilling.
6. There should be provision to operate the system with an emergency switch in the console / hand switch, In case of failure of foot switch.
7. Should have large Touch screen monitor
8. Should have multifunction ergonomically designed foot control
9. The various functions like speed/mode, forward/reverse selection of Active hand piece change etc. Should be able to adjust either from touch screen panel or from the multifunction foot switch.
10. System should have in built Lens cleaning feature.
11. Should have option for remote control irrigation to operate from sterile area by the surgeon himself.
12. Should have user friendly interactive menu and illustrative help guide.

I. High Speed Drill Hand Piece:

1. Should be ergonomically designed electrical Drill system with high Torque more than 40mN-m and power not less than 120W.
2. Speed should be variable from 10,000 to 75,000 rpm
3. Motor should have thin integrated non detachable cable at hand piece side and only one end free to connect to the console.
4. Weight of the drill should not be more than 90 gms to avoid fatigue during prolonged surgeries and length should be less than 9.75 cm with a diameter not exceeding 1.55 cm.
5. No Lubrication or seal should be required to run the motor.
6. Should have burs with distal bending for trans nasal surgeries and proximal bending burs for Minimal invasive spine surgeries with irrigation facility.

I. Rate to be offered as per above specification:

1. Electrical Console with two pumps-1 No
2. Multifunction foot switch – 1 No
3. High Speed Drill Motor – 1 No
4. Cleaning brush -01 No
5. Angled attachment 14.0 cm long- 1 No
6. Craniotomy Attachment Adult size- 1 No
7. Straight attachment 9.0 cm long -1 No

8. Perforator Driver -1 No
9. Straight attachment 7.0cm long -1 No

I. Tools & Blades

1. Tool for Craniotomy -5 Nos
2. 3 mm ball fluted & diamond 14 cm Long – 2 Nos each
3. 4 mm ball fluted & diamond 14 cm Long – 2 Nos each
4. 5 mm ball fluted & diamond 14 cm Long – 2 Nos each
5. 5 mm Acorn Tool 14 cm Long- 2 Nos
6. 3 mm ball fluted & diamond 9 cm Long – 2 Nos each
7. 4 mm ball fluted & diamond 9 cm Long – 2 Nos each
8. 3 mm Cutting bur 9 cm long – 2 nos
9. 5 mm Cutting bur 9 cm long – 2 nos
10. Curved Endo Nasal Burs 3 mm cutting & diamond – 2 each
11. Irrigation tubing -5 Nos
12. Perforator Bit -1 No
13. Suture hole drill bit -2 Nos
14. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)/ STQC CB Certificate/STQC S Certificate or valid detailed electrical and functional safety test report from ERTL.
Copy of the certificate/ test report shall be produced along with the technical bid