



Running Contract Details	
Equipment Name	Battery operated power drill and reamer saw & accessories
Running Contract Valid Till	17-12-2025
Tender Ref No	KMSCL/EP/T505(R)/1171/2023
Tendered Quantity	50
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	Battery Reamer/Drill (Handpiece) <i>Model & Make : Manual Instruments for Orthopedic Surgery/ Johnson & Johnson Pvt. Ltd.Europe</i>	557865 Incl.GST :5%	43885.38	601750.38
2	Battery Oscillator (Handpiece)	557865 Incl.GST :5%	43885.38	601750.38
3	Charger	302434 Incl.GST :18%	21170.38	323604.38
4	Battery	23600 Incl.GST :18%	1652	25252
5	Battery Casing	44250 Incl.GST :18%	3097.5	47347.5
6	Drill chuck with Key	85365 Incl.GST :5%	6715.38	92080.38
7	AO/ASIF Quick Coupling	72240 Incl.GST :5%	5682.88	77922.88

Item-wise Price Details							
8	AO/ASIF quick coupling for Reamers			72240 Incl.GST :5%	5682.88	77922.88	
9	Quick Coupling for Kirshner Wires			190365 Incl.GST :5%	14975.38	205340.38	
10	Sterile Cover			5900 Incl.GST :18%	413	6313	
11	AO Screwdriver Shaft 3.5, self-retaining, L 110mm,For quick coupling			17010 Incl.GST :5%	1338.12	18348.12	
12	AO Screwdriver Shaft 2.5, hexagonal, small, L 100mm, for quick coupling			11277 Incl.GST :5%	887.12	12164.12	
13	Reusable & detachable Reamer heads 8mm dia to 13mm dia. Detachable head with step of 0.5mm difference, set of 12 numbers. Reaming rod 2.5mm dia, Length 950mm, 3.5mm olive tip. Hand Reamer 8mm dia, straight reduction Head. Reduction Head, displacement 2.5mm. Removing tool for Medullary reamers.			166162.5 Incl.GST :5%	13071.45	179233.95	
14	Guide wires standard length 100cm			3801 Incl.GST :5%	299.01	4100.01	
15	Flexible Reamer shaft 7.0 mm dia. Reaming depth 470mm, made of Nitinol used both clockwise & counter clock wise direction. Length 470mm			127386 Incl.GST :5%	10021.03	137407.03	
				2237760.5	172776.9	2410537.4	
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
Battery Reamer/Drill (Handpiece)							
Labour							
Comprehensive	1,62,500.00	1,62,500.00	1,62,500.00	1,62,500.00	1,62,500.00	1,62,500.00	1,62,500.00

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 :Battery Reamer/Drill (Handpiece)

A. Battery Power Drill (Battery Power Line II)

1. Battery Reamer/Drill (Handpiece)

- a. Fully cannulated with 4.0 mm diameter
- b. Single Trigger
- c. Drilling speed from 0-930 rpm
- d. Reaming speed from 0-340 rpm
- e. Power 190-195 watt
- f. Torque up to 12-15 Nm
- g. Weight including batteries 1500 – 1700 g
- h. Clockwise/counter- clockwise operation
- i. Operating voltage 14- 15V
- j. Typical charging time of less than 60 min

2. Battery Casing

- a. Holds the battery to establish connection with the hand piece
- b. Helps to ensure aseptic transfer of batteries with the help of sterile cover
- c. With locking mechanism to prevent the battery from falling
- d. Made up of any autoclavable material
- e. Fully autoclavable

3. Drill Chuck with key

- a. 3.2 mm cannulated with key
- b. Operating capacity from 0.5 to 7.3 mm diameter
- c. Maximum speed: 930 rpm
- d. Torque 6 Nm

4. AO/ASIF Quick Coupling

- a. 2.0 mm cannulation
- b. Maximum Speed 930 rpm
- c. Torque 6 Nm

5. AO/ASIF quick coupling for Reamers

- a. 4.0 mm cannulation
- b. Maximum Speed 340 rpm
- c. Torque 15 Nm

6. Quick Coupling for Kirshner Wires

- a. For dia 1.5 to 4.0 mm Wires
- b. Maximum Speed : 930 rpm

7. Battery Oscillator (Handpiece)

- a. Variable frequency of 0 to 12,000 OSC/min
- b. Single Trigger
- c. Saw Blade deflection 4.5 deg
- d. Keyless fixation of Saw Blades
- e. Saw Blade should fixation in 45° increments i.e total 8 positions
- f. Weight including batteries 1685 g
- g. Operating voltages 14-15V
- h. Typical charging time of less than 60 min
- i. Saw blade for TJR surgery length 81 to 116 mm, usable 60 to 95 mm, width 12.5 to 25 mm, thickness 0.89 to 1.47 mm
- j. Saw blade for General traumatology length 46 to 90mm, Usable length 25 to 69mm, width 10 to 50 mm, thickness 0.4 to 1.2mm

8. Batteries

- a. No memory effect (Special charging process eliminates memory effect)
- b. Long battery lifetime (> 1000 charging Cycles)
- c. Non- Sterile batteries

- d. Quick re-availability (because no washing/Sterilization is necessary)
- e. No loss of battery capacity due to sterilization
- f. Safe and easy handling in the operation theatre
- g. Standard battery 14-15 V, 1.5 Ah, LiIon

9. Sterile Cover

- a. Made of plastic
- b. Fully autoclavable
- c. For sterile transfer of batteries to hand piece

10. Universal Battery Charger II

- a. Should have 4 charging bays
- b. Should be capable of charging Ni-Cd, Ni-Mh & lithium ion batteries
- c. Should display the charging status of the batteries
- d. Should have option of refreshing batteries
- e. Keeps inserted batteries constantly fully loaded

11. AO 3.5 /4.5 Screwdriver Shaft

- a. AO Screwdriver Shaft 3.5, self-retaining, L 110mm, For quick coupling.
- b. AO Screwdriver Shaft 2.5, hexagonal, small, L 100mm, for quick coupling.

B Requirements . (Rate to be offered seperately in BOQ)

- a. Battery reamer/drill II – 1 no
- b. Battery oscillator II – 1 no
- c. Battery – 3 nos
- d. Battery casing - 2 nos
- e. Sterile cover - 2 nos
- f. Universal battery charger II - 1 nos

C. Attachments

- a. Drill chuck, with key (930 I/min), clamping range 0.5 to 7.3 mm for BPL II-1 nos
- b. AO/ASIF quick coupling for BPL - 1 nos
- c. Quick coupler for K wires 1.5 – 4.0 mm BPL II - 1 nos
- d. AO/ASIF Quick Coupling For Reamer (340 rpm/4mm Cannulation/15nm)1-nos
- e. AO Screwdriver Shaft 3.5, self-retaining, L 110mm, For quick coupling.-1 nos
- f. AO Screwdriver Shaft 2.5, hexagonal, small, L 100mm, for quick coupling-1nos

D. Reusable & detachable Reamers:

Reusable & detachable Reamer heads 8mm dia to 13mm dia. Detachable head with step of 0.5mm difference, set of 12 numbers.

1. Reusable & detachable Reamer heads 8mm dia to 13mm dia. Detachable head with step of 0.5mm difference, set of 12 numbers. Reaming rod 2.5mm dia, Length 950mm, 3.5mm olive tip. Hand Reamer 8m dia, straight reduction Head. Reduction Head, displacement 2.5mm. Removing tool for Medullary reamers.

2. Guide wires standard length 100cm, thickness 3 or 3.5 mm, ball tipped and ordinary each 6 nos. Price of ball and ordinary tip shall be quoted combined in the BOQ.

3. Flexible Reamer shaft 7.0 mm dia. Reaming depth 470mm, made of Nitinol used both clockwise & counter clock wise direction. Length 470mm

E. Should have safety certificate from a competent authority CE issued by a notified body registered in 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.

Note:

1. If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid
2. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail