

Running Contract Details	
Equipment Name	Ultrasonic Aspirator with Universal Handpiece
Running Contract Valid Till	28-02-2021
Tender Ref No	KMSCL/EP/T304/1258/2018(R)
Tendered Quantity	20
Supplier Name	M/s Neoptic Surgicals
GST No	32ACFPK5938G1ZO
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	
35/1476 Kripa South Janatha Road Palarivattom Kochi-682025	Contact Person	Mr. K.J Kurian
	Phone	
	Mobile No	9447039805
	Email	neopticsurgicals@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Ultrasonic Aspirator with Universal Handpiece <i>Model & Make : Stryker</i>	1071754.56 Incl.GST :12%	79041.9	1150796.46
2	Cost of one straight universal handpiece / probe	596770.45 Incl.GST :12%	44011.82	640782.27
3	Cost of one angled universal handpiece / probe	523151.1 Incl.GST :12%	38582.39	561733.49
4	Cost of one normal tissue tip with sleeve for universal hand piece. Rate freezed for 4 years	11346.13 Incl.GST :12%	836.78	12182.91
5	Cost of one calcified tissue tip with sleeve for universal hand piece. Rate freezed for 4 years	14031.21 Incl.GST :12%	1034.8	15066.01
6	Cost of one bone tip with sleeve for universal hand piece. Rate freezed for 4 years	16033.27 Incl.GST :12%	1182.45	17215.72

Item-wise Price Details				
7	Cost of one suction filter (OFFER RATE ONLY IF APPLICABLE) Rate freezed for 4 years	1822.9 Incl.GST :12%	134.44	1957.34
8	Cost of one tubing set Rate freezed for 4 years	5371.3 Incl.GST :12%	396.13	5767.43
9	additional accessory 1 REUSABLE SUCTION CANISTER LINER	2168.32 Incl.GST :12%	159.91	2328.23
		2242449.24	165380.63	2407829.87

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
Ultrasonic Aspirator with Universal Handpiece							
Labour	48,908.00	48,908.00	48,908.00	48,908.00	48,908.00	48,908.00	48,908.00
Comprehensive	97,817.00	97,817.00	97,817.00	97,817.00	97,817.00	97,817.00	97,817.00

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% 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 :Ultrasonic Aspirator with Universal Handpiece

1. Should be one versatile system for exceptional control of soft tissue and fine bone dissection in close proximity to delicate anatomic structures.
2. Should be able to delivers precise fragmentation, irrigation and aspiration simultaneously in one hand piece.
 - A. Ultrasonic Aspiration:
 - a) Should be compact and minimum space requirement, easy to set up and operate.
 - b) The aspiration & irrigation should be controlled by single switch operation.

- c) Full Digital System control.
- d) Operator control: Full touch panel/button.
- e) Irrigation flow: 3 to 40 ml/min.
- f) Irrigation pump: Peristaltic pump technology.
- g) Automatically recognizes handpieces for easy set-up.
- h) Suction, irrigation and ultrasonic functions can be used alone or simultaneously.
- i) Console should be provided with various safety alarms like excessive heat on hand piece, incorrect installation, excessive pressure on tip of handpiece, abnormal oscillation function.
- j) System should be capable of priming by itself at the beginning to avoid tip damage.
- k) Weight of console should be less than 24 Kg/cart based.
- l) Single pedal foot switch cord length should be 12 feet.
- m) Suction type: Diaphragm pump

B. ALARMS

Should have following alarms.

a) FREQ (Frequency alarm)

- Illuminates if the tip of a handpiece is either damaged or installed incorrectly. Indicator will also illuminate if excessive heat is present at the handpiece tip. An audible signal will also occur.

b) OVERLOAD (Overload alarm)

- Illuminates if excessive pressure is placed on the tip of the handpiece. An audible signal will also occur.

c) US (Ultrasound alarm)

- Illuminates if an abnormal oscillation malfunction has occurred. An audible signal will also occur.

d) IRR/ PV (Irrigation/ Pinch valve alarm)

- Illuminates to indicate there may be a problem with the irrigation pump and/or pinch valve.

C. HANDPIECE (2 No)

- a) Universal handpiece both straight and angled for soft tissue & bone dissection having various compatible tips from soft tissue to bone to trans sphenoidal length.
- b) Light weight, ergonomic design provides superb tactile feedback and requires no external cooling.
- c) 23 to 36 KHz Universal Handpiece.
- d) Atleast 11 Types of speciality tips should be attachable.
- e) Sterilizable Frangible tip covers for improved visualization and access.

D. TIPS

a) Longitudinal Torsional tip/ bone tips

- Effectively address soft tissue and fine bone dissection by coupling longitudinal oscillation and torsional vibration makes it possible to emulsify bone with no grabbing or kicking due to the non-rotational reciprocating motion.

b) At least 11 compatible different tips-ranging from soft tissue and can be upgraded to bone and to trans sphenoidal procedures.

c) Titanium

d) Tip is packed with a corresponding irrigation sleeve.

e) Should be used with irrigation sleeve that should be

i. Frangible

ii. Provides proper irrigation flow.

iii. Protects surrounding tissue (patient and surgeon).

f) Tip end

i. To provides mechanical cutting along with ultrasonic cavitation.

ii. Ideal for difficult fibrotic tissues.

E. The System should have below mentioned accessories: (1 each)

a) Step Torque Wrenches(should be sterilizable)

b) Cleaning Wire

c) Sterilization Tray

d) Plastic Suction Canister, Reusable

e) Disposable Tubing Set & Extender Filter Tubing

f) Disposable Suction Canister Liner

F. Requirements

a) Normal tissue tips- 5 Nos

b) Calcified tissue tips-5 Nos

c) Bone tips-5 Nos

G. Others

a) 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.

b) Training to technical and paramedical personnel should be provided by the vendor.