



Running Contract Details	
Equipment Name	Micromotor System with all Attachment for Plastic Surgery
Running Contract Valid Till	15-04-2021
Tender Ref No	KMSCL/EP/T307/1340/2019(R)
Tendered Quantity	15
Supplier Name	M/s C.S.ASSOCIATES
GST No	33AAEPC2663B1ZH
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	
Robertson Lane Mandaveli Chennai	Contact Person	Thilakraj C
	Phone	04442075974
	Mobile No	9600131594
	Email	contact@csassociates.info

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Micromotor System with all Attachment for Plastic Surgery High speed electrical power drill system with saw and K Wire - D4000 A Driver System Console with Irrigation <i>Model & Make : CONMED/HALL D4000A / CONMED/HALL</i>	456847.76 Incl.GST :5%	35938.69	492786.45
2	3 Switch Foot Pedal Switch <i>Model & Make : CONMED / HALL</i>	213102.51 Incl.GST :12%	15716.31	228818.82
3	Micro Power Micro-Saggital Saw <i>Model & Make : CONMED / HALL</i>	194085.45 Incl.GST :5%	15268.06	209353.51
4	Micro Power Micro-Reciprocating Saw <i>Model & Make : CONMED / HALL</i>	237215.56 Incl.GST :5%	18660.96	255876.52
5	Single Trigger Wire Driver Attachment <i>Model & Make : CONMED / HALL</i>	71451.07 Incl.GST :5%	5620.82	77071.89
6	Single Trigger 1.8-4mm Pin Driver Attachment <i>Model & Make : CONMED / HALL</i>	84424.03 Incl.GST :5%	6641.36	91065.39

Item-wise Price Details				
7	Micro Reciprocating Saw Blades,Fine <i>Model & Make : CONMED / HALL</i>	4504.5 Incl.GST :5%	354.35	4858.85
8	Micro Reciprocating Saw Blades, Coarse <i>Model & Make : CONMED / HALL</i>	4504.5 Incl.GST :5%	354.35	4858.85
9	micro saggital saw Blades, Fine <i>Model & Make : CONMED / HALL</i>	4504.5 Incl.GST :5%	354.35	4858.85
10	micro saggital saw Blades, Coarse <i>Model & Make : CONMED / HALL</i>	4504.5 Incl.GST :5%	354.35	4858.85
11	2mm ball fluted & diamond 10 cm long <i>Model & Make : CONMED / HALL</i>	3003 Incl.GST :5%	236.24	3239.24
12	3mm ball fluted & diamond 9cm long <i>Model & Make : CONMED / HALL</i>	3003 Incl.GST :5%	236.24	3239.24
13	Irrigation Tubing Set with Tip, pack of 5 nos <i>Model & Make : CONMED / HALL</i>	28582.4 Incl.GST :12%	2107.95	30690.35
14	Sterilization Container Trays (11' x 10' x 4), (11' x 10' 2.50') <i>Model & Make : CONMED / HALL</i>	14560 Incl.GST :12%	1073.8	15633.8
15	Universal Cable <i>Model & Make : CONMED / HALL</i>	72688 Incl.GST :18%	5088.16	77776.16
16	High speed Drill motor <i>Model & Make : CONMED / HALL</i>	221351.13 Incl.GST :5%	17412.96	238764.09
17	Electrical modular Handpiece <i>Model & Make : CONMED / HALL</i>	256864.57 Incl.GST :5%	20206.68	277071.25
18	CoolFlex Drill <i>Model & Make : CONMED / HALL</i>	661820.54 Incl.GST :5%	52063.22	713883.76
		2537017.02	197688.84	2734705.86

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
Micromotor System with all Attachment for Plastic Surgery							
Labour	95,733.00	1,43,600.00	1,91,466.00	2,39,333.00	2,87,199.00	2,87,199.00	2,87,199.00
Comprehensive	1,67,533.00	2,39,333.00	3,11,133.00	3,82,932.00	4,54,732.00	5,26,532.00	5,26,532.00

Other terms & conditions

- The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
- The supplier shall submit performance security amounting to 5% of the value of the supply order.
- 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 :Micromotor System with all Attachment for Plastic Surgery

A. High speed electrical power drill system with saw and K Wire

a) Console should be common for high speed drill for plastic, Neuro & ENT surgery applications. It should also be compatible to powered surgical system (High power system for multiple applications), Debrider, Spine shaver, Saws and Automatic Lens Cleaning System.

b) Console should recognize different hand pieces automatically.

c) Console should be capable to connect 3 hand pieces at a time and can be interactable during the surgery with the help of footswitch or through touch screen.

d) Should be able to adjust the irrigation levels of bur or blade with the touch of a button.

e) There should be a provision to operate the system with an emergency switch in the console, in case of footswitch failure.

f) Should have two in- built pumps each for irrigation.

g) Should have large touch screen monitor.

h) 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 footswitch.

i) Should have multifunction ergonomically designed foot control with light emission for easy identification.

j) System should have in- built lens cleaning system.

k) System should be possible to integrate with compatible Intra Operative Nerve Monitoring System and drill motor should act as stimulator.

B. Powered Surgical Instrument System.

a) Power electric hand piece should have attachments for cutting, drilling, reaming & pinning.

b) Speed of motor should be at least 1700 RPM.

c) Torque of the motor should be above 0.8 Nm.

d) Power of motor should be more than 95 Watts.

e) Hand piece should have forward and reverse movement control switch

f) Hand piece should have quick release button which allow use of multiple attachments.

g) Hand piece should accommodate all saw attachments (sagittal, oscillating & reciprocating), Jacobs chuck, pin collet & wire collet.

h) Speed of sagittal saw attachment should be at least 18000 CPM with 7 degree blade stroke, 12 saw positions & 5 blade positions.

i) Speed of reciprocating saw attachment should be at least 14000 CPM with 2.5 mm blade stroke length & 12 saw positions.

C. High Speed Drill Motor.

- a) Should be ergonomically designed electrical drill system with high torque more than 40 Nm and power not less than 150 W.
- b) Speed should be variable from 10,000 to 75,000 rpm.
- c) Motor should have integrated non detachable cable at hand piece side and only one end free to connect to the console.
- d) Weight of the drill should not be more than 90 gms to avoid fatigue during prolonged surgeries and length should be less than 8 cm with a diameter not exceeding 1.7 cm.
- e) No lubrication or seal should be required to run the motor.

D. Standard Accessories.

- a) Electrical console with two pumps : 1 No
- b) Multifunction foot switch : 1 No
- c) High speed drill motor : 1 No
- d) Angled attachment 10 cm long : 1 No
- e) Straight attachment 8 cm long : 1 No
- f) Straight attachment 9 cm long : 1 No
- g) Electrical high torque hand piece : 1No
- h) Sagittal saw attachment : 1 No
- i) Reciprocating saw attachment : 1 No
- j) Wire collect attachment : 1 No

E. Tools & Blades

- a) 2 mm ball fluted & diamond 10 cm long : 1 nos each
- b) 3 mm ball fluted and diamond 9 cm long : 1 nos each
- c) Tapered tool 2.3 mm/ 8 cm long : 1 no
- d) Reciprocating saw blade thickness 0.4 mm and blade length 39.1 mm: 1 no
- e) Reciprocating saw blade thickness 0.4 mm and blade length 25.4 mm: 1 no
- f) Sagittal saw blade thickness 0.3 mm and blade length 25 mm: 1 no
- g) Sagittal saw blade thickness 0.3 mm and blade length 13.7 mm: 1 no