



Running Contract Details	
Equipment Name	Neuro Endoscope with Accessories Model B
Running Contract Valid Till	22-02-2021
Tender Ref No	KMSCL/EP/T304/788B/2018(R)
Tendered Quantity	15
Supplier Name	M/s Lakshmi Surgicals
GST No	32AACFL2603A1ZB
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	
203XIX -City Towers Bank Jn -Market Road Aluva -Ernakulam - 683101 Kerala	Contact Person	Mr. Viji Vijayan
	Phone	
	Mobile No	99466 02090
	Email	lakshmisurgicals2005@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Neuro Endoscope with Accessories Model B</b> Three chip full HD camera system as per specification <i>Model &amp; Make : Karl Storz / Karl Storz GmbH &amp; Co Germany</i>	2201469.12 Incl.GST :18%	154102.84	2355571.96
2	<b>Full HD Monitor with titable stand</b> <i>Model &amp; Make : 9826NB</i>	483072.65 Incl.GST :18%	33815.09	516887.74
3	<b>Equipment Cart</b> <i>Model &amp; Make : UG230</i>	169168.93 Incl.GST :18%	11841.83	181010.76
4	<b>Ventriculoscope</b> <i>Model &amp; Make : 28164LA</i>	450000.04 Incl.GST :12%	33187.5	483187.54
5	<b>Operating sheath</b> <i>Model &amp; Make : 28164LS</i>	57901.89 Incl.GST :12%	4270.26	62172.15
6	<b>Obturator</b> <i>Model &amp; Make : 28164LO</i>	9901.28 Incl.GST :12%	730.22	10631.5
7	<b>Scissors</b> <i>Model &amp; Make : 28164LB</i>	70366.24 Incl.GST :12%	5189.51	75555.75

Item-wise Price Details				
8	<b>Grasping forceps</b> <i>Model &amp; Make : 28164LE</i>	66011.32 Incl.GST :12%	4868.33	70879.65
9	<b>Biopsy forceps</b> <i>Model &amp; Make : 28164LF</i>	64534.88 Incl.GST :12%	4759.45	69294.33
10	<b>Ventriculostomy forceps</b> <i>Model &amp; Make : 28160TVX</i>	61469.88 Incl.GST :12%	4533.4	66003.28
11	<b>Forceps for ventriculostomy</b> <i>Model &amp; Make : 28160TV</i>	73312.85 Incl.GST :12%	5406.82	78719.67
12	<b>Biopsy forceps double action jaws</b> <i>Model &amp; Make : 28160ZJ</i>	62738.84 Incl.GST :12%	4626.99	67365.83
13	<b>Injection needle</b> <i>Model &amp; Make : Indian Make</i>	10000.01 Incl.GST :12%	737.5	10737.51
14	<b>Puncture needle</b> <i>Model &amp; Make : Indian Make</i>	8000 Incl.GST :12%	590	8590
15	<b>Articulated stand</b> <i>Model &amp; Make : 28272HB</i>	287922.36 Incl.GST :18%	20154.57	308076.93
16	<b>Clamping jaw</b> <i>Model &amp; Make : 28272UKN</i>	25377.21 Incl.GST :12%	1871.57	27248.78
17	<b>Plastic container</b> <i>Model &amp; Make : 39360AK</i>	156895.1 Incl.GST :18%	10982.66	167877.76
18	<b>Telescope 0Â°</b> <i>Model &amp; Make : 28132AA</i>	208614.27 Incl.GST :12%	15385.3	223999.57
19	<b>Telescope 30Â°</b> <i>Model &amp; Make : 28132BA</i>	216647.2 Incl.GST :12%	15977.73	232624.93
20	<b>Telescope 45Â°</b> <i>Model &amp; Make : 28132FA</i>	216647.2 Incl.GST :12%	15977.73	232624.93
21	<b>Endoscopic mushroom punches and sellar punches</b> <i>Model &amp; Make : 651055</i>	62315.5 Incl.GST :12%	4595.77	66911.27
22	<b>Scissors 1</b> <i>Model &amp; Make : 28162EM</i>	55689.85 Incl.GST :12%	4107.13	59796.98
23	<b>KARL STORZ Cold Light Fountain XENON NOVA 300</b> <i>Model &amp; Make : 20134001</i>	317416.96 Incl.GST :6%	23409.5	340826.46
24	<b>Fiber Optic Light Cable</b> <i>Model &amp; Make : 495ND</i>	46535.66 Incl.GST :9%	3257.5	49793.16
25	<b>Bipolar Coagulation Electrode</b> <i>Model &amp; Make : 28762KB</i>	44143.42 Incl.GST :6%	3255.58	47399
26	<b>Bipolar High Frequency Cord, 300 cm</b> <i>Model &amp; Make : 26176LV</i>	13187.29 Incl.GST :9%	923.11	14110.4
27	<b>HOPKINSÂ® Straight Forward Telescope 0Â°, enlarged view, diameter 4 mm, length 30 cm,</b> <i>Model &amp; Make : 28164AA</i>	290119.32 Incl.GST :6%	21396.3	311515.62

Item-wise Price Details				
28	<b>Suction-Irrigation Sheath 0° f. 28164 A</b> <i>Model &amp; Make : 28160TAL</i>	73435.45 Incl.GST :6%	5415.86	78851.31
29	<b>HOPKINS® Forward-Oblique Telescope 30°, enlarged view, diameter 4 mm, length 30 cm,</b> <i>Model &amp; Make : 28164BA</i>	303248.03 Incl.GST :6%	22364.54	325612.57
30	<b>Thumfart sheath 30° for 28164 BA</b> <i>Model &amp; Make : 28160TBL</i>	73435.45 Incl.GST :6%	5415.86	78851.31
31	<b>ENDOCAMELEON® NEURO HOPKINS® Telescope, diameter 4 mm</b> <i>Model &amp; Make : 28132AE</i>	688617.26 Incl.GST :6%	50785.52	739402.78
32	<b>Irrigation and Suction Sheath 15°-90°, outer diameter 4.8 x 6 mm, working length 14 cm</b> <i>Model &amp; Make : 7230AES</i>	72533.24 Incl.GST :6%	5349.33	77882.57
33	<b>THUMFART Irrigation and Suction Handle,</b> <i>Model &amp; Make : 28161TT</i>	93375.27 Incl.GST :6%	6886.43	100261.7
34	<b>BLAKESLEY Nucleus Cutting Forceps, single action jaws, opening upwards, diameter 3.5 mm, working length 20 cm</b> <i>Model &amp; Make : 28163FB</i>	65276.77 Incl.GST :6%	4814.16	70090.93
35	<b>Spoon Forceps, dismantling, curved 30°, robust, oval, spoon size 3 x 10 mm, single action jaws, working length 20 cm</b> <i>Model &amp; Make : 28163EC</i>	50472.53 Incl.GST :6%	3722.35	54194.88
36	<b>Suction Tube, malleable, with conical tip, with elongated cut-off hole and stylet, LUER, working length 18 cm, 10 Fr.</b> <i>Model &amp; Make : 649183C</i>	10986.86 Incl.GST :6%	810.28	11797.14
37	<b>Suction Tube, with cut-off hole, drop-shaped, with distance markings, LUER, conical distal end, 6 Fr., working length 15 cm</b> <i>Model &amp; Make : 28164XB</i>	15292.55 Incl.GST :6%	1127.83	16420.38
38	<b>Suction Tube, with cut-off hole, drop-shaped, with distance markings, LUER, conical distal end, tip curved upwards, ball end, 2.4 mm, working length 15 cm</b> <i>Model &amp; Make : 28164XC</i>	11135.67 Incl.GST :6%	821.26	11956.93
39	<b>Insulated Cannula for suction and coagulation, O.D.: 3 mm, 90° curved, working</b> <i>Model &amp; Make : 28164MXB</i>	13064.79 Incl.GST :6%	963.53	14028.32
40	<b>Unipolar High Frequency Cord, with 4 mm plug, length 300 cm, for use with Martin</b> <i>Model &amp; Make : 26004M</i>	6873.51 Incl.GST :9%	481.15	7354.66
41	<b>Take-apart Bipolar Forceps, width 1 mm delicate jaws, distally angled 45°, horizontal closing, outer diameter 3,4 mm, working length 20 cm, consisting of: 26284 HM Handle 26284AS Outer Tube 26284BS Inner Tube 28164FGM Bipolar Insert</b> <i>Model &amp; Make : 28164BDM</i>	65135.3 Incl.GST :6%	4803.73	69939.03

Item-wise Price Details				
42	<b>TAKE-APART® Bipolar Forceps, rounded tip , width 2 mm, outer diameter 3.4 mm, working length 20 cm, consisting of: 26284 HM Bipolar Ring Handle 26284 AS Outer Sheath 26284 BS Inner Sheath 28164 FDN Forceps Insert</b> <i>Model &amp; Make : 28164BDN</i>	69224.08 Incl.GST :6%	5105.28	74329.36
43	<b>Bipolar High Frequency Cord for KARL STO RZ AUTOCON® II 400 SCB (Type 112, 114, 1 16, 122, 125) and Valleylab-coagulators</b> <i>Model &amp; Make : 26176LV</i>	13187.29 Incl.GST :9%	923.11	14110.4
44	<b>Coagulation Ball Electrode, diameter 2 mm, laterally curved, working length 13 c</b> <i>Model &amp; Make : 28164ED</i>	16914.64 Incl.GST :6%	1247.45	18162.09
45	<b>KERRISON Bone Punch, detachable, rigid, up biting 60° forward, size 1 mm, working</b> <i>Model &amp; Make : 28164MKA</i>	103002.02 Incl.GST :6%	7596.4	110598.42
46	<b>KERRISON Bone Punch, detachable, rigid, up biting 60° forward, size 2 mm, working</b> <i>Model &amp; Make : 28164MKB</i>	103002.02 Incl.GST :6%	7596.4	110598.42
47	<b>KERRISON Bone Punch, detachable, rigid, down biting 60° forward, size 1 mm, working</b> <i>Model &amp; Make : 28164MKD</i>	103002.02 Incl.GST :6%	7596.4	110598.42
48	<b>KERRISON Bone Punch, detachable, rigid, Down biting 60° forward, size 2 mm, working</b> <i>Model &amp; Make : 28164MKE</i>	103002.02 Incl.GST :6%	7596.4	110598.42
49	<b>Scissors, straight, with small handle, with cleaning connector, working length 1 8 cm</b> <i>Model &amp; Make : 28164MZB</i>	45397.72 Incl.GST :6%	3348.08	48745.8
50	<b>Scissors, curved upwards, with small handle, with cleaning connector, working le</b> <i>Model &amp; Make : 28164MZE</i>	56535.47 Incl.GST :6%	4169.49	60704.96
51	<b>Scissors, upturned 45°, delicate, sheath 360° rotatable, with cleaning connector mm</b> <i>Model &amp; Make : 28164SAD</i>	68096.57 Incl.GST :6%	5022.12	73118.69
52	<b>RHINOFORCE® II Nasal Forceps, with extra fine flat jaws, through-cutting, tissue sparing, width of cut 1.5 mm, straight sheath, straight jaws, with cleaning connector, working length 18 cm</b> <i>Model &amp; Make : 28164UA</i>	78247.24 Incl.GST :6%	5770.73	84017.97
53	<b>RHINOFORCE® II Nasal Forceps, with extra fine flat jaws, through-cutting, tissue sparing, width of cut 1.5 mm, straight sheath, jaws angled upwards 45°, with cleaning connector, working length 18 cm</b> <i>Model &amp; Make : 28164UB</i>	82336.02 Incl.GST :6%	6072.28	88408.3
54	<b>CAPPABIANCA-de DIVITIIS Ring-Curette, round wire, ductile, ID 3 mm,tip angled 45° , with round handle, length 25 cm</b> <i>Model &amp; Make : 28164RE</i>	12514.66 Incl.GST :6%	922.96	13437.62

Item-wise Price Details				
55	<b>CAPPABIANCA-de DIVITIIS Ring-Curette, round wire, ductile, ID 5 mm, tip angled 45°, with round handle, length 25 cm</b> <i>Model &amp; Make : 28164RJ</i>	12514.66 Incl.GST :6%	922.96	13437.62
56	<b>De DIVITIIS-CAPPABIANCA Ring- Curette, round wire, ID 3 mm, tip angled 90°, with round handle, length 25 cm</b> <i>Model &amp; Make : 28164RI</i>	12514.66 Incl.GST :6%	922.96	13437.62
57	<b>De DIVITIIS-CAPPABIANCA Curette, round wire, ID 3 mm, distally curved shaft, with round handle, length 25 cm</b> <i>Model &amp; Make : 28164RB</i>	12514.66 Incl.GST :6%	922.96	13437.62
58	<b>CAPPABIANCA-de DIVITTIS Curette, round wire, ID 5 mm, tip laterally angled 90°, with round handle, length 25 cm</b> <i>Model &amp; Make : 28164RD</i>	12514.66 Incl.GST :6%	922.96	13437.62
59	<b>CAPPABIANCA-de DIVITIIS Suction, Curette, basket-shape, round wire, size 5 mm, rotating tubing- connector, LUER, length 2 5 cm,</b> <i>Model &amp; Make : 28164RT</i>	38504.86 Incl.GST :6%	2839.73	41344.59
60	<b>de DIVITIIS-CAPPABIANCA Suction- Curette , with round wire, ID 5 mm, tip angled 4 cm</b> <i>Model &amp; Make : 28164RSB</i>	29429.3 Incl.GST :6%	2170.41	31599.71
61	<b>CASTELNUOVO Elevator, double-ended semi-sharp and blunt, length 26 cm</b> <i>Model &amp; Make : 28164EA</i>	18152.18 Incl.GST :6%	1338.72	19490.9
62	<b>CASTELNUOVO Elevator, double-ended, 26 cm</b> <i>Model &amp; Make : 28164EB</i>	18152.18 Incl.GST :6%	1338.72	19490.9
63	<b>Scalpel, retractable blade, 23 cm</b> <i>Model &amp; Make : 28164KK</i>	56675.89 Incl.GST :6%	4179.85	60855.74
64	<b>Antrum Punch, 10 cm</b> <i>Model &amp; Make : 459016</i>	73038.3 Incl.GST :6%	5386.57	78424.87
65	<b>Plastic Container</b> <i>Model &amp; Make : 39360AK</i>	313790.19 Incl.GST :9%	21965.31	335755.5
66	<b>Dissector, sharp, round spatula, tip angled 45°, size 3 mm, with round handle, l</b> <i>Model &amp; Make : 28164DB</i>	12926.47 Incl.GST :6%	953.33	13879.8
		<b>8737531.73</b>	<b>630547.58</b>	<b>9368079.31</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Neuro Endoscope with Accessories Model B</b>							
Labour	1,96,875.00	2,16,562.50	2,38,218.75	2,62,040.63	2,88,244.69	3,17,069.16	3,48,776.07
Comprehensive	6,69,375.00	7,36,312.50	8,09,943.75	8,90,938.13	9,80,031.94	10,78,035.13	11,85,838.64

## **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 :Neuro Endoscope with Accessories Model B**

#### **A. Camera Unit:**

- a) Should have three- chip FULL HD camera head with link cable of at least 300 cm length.
- b) Should have heat resistant fibre optic cable with length at least 300 cm and size 4.8 mm.
- c) Resolution : 1920 x 1080 pixels.
- d) It should be soakable.
- e) Should have integrated par focal zooming lens with focal length  $f = 15-31$  mm (2x), and freely programmable.
- f) Camera head should be compatible with all standard telescopes.
- g) Should be able to sterile with ETO and plasma sterilization.
- h) Connecting module with up to 3 link modules with integrated SCB and digital image processing module.
- i) Link module for FULL HD three- chip camera heads.

#### **B. Light Source:**

- a) Xenon cold light source with one 300 Watt lamp and one light outlet.
- b) Light illumination should be adjustable.
- c) Power supply : 100-125 / 220-240 V AC, 50 / 60 Hz.

#### **C. Video Unit:**

- a) At least 20" FULL HD monitor with suitable tiltable monitor stand.
- b) Colour systems : PAL / NTSC.
- c) Screen resolution : 1920 x 1080 pixels.
- d) Image format : 16.9.

e) Video inputs : DVI, 3G – S DI, VGA, S – VIDEO, Composite.

f) Video outputs : DVI, 3G – SDI.

g) Equipment cart with 4 antistatic dual wheels, front wheels equipped with brakes, 3 fixed shelves, 1 drawer unit with lock, integrated cable conduits in both vertical beams, main switch in vertical beam.

#### D. Instruments for Neuro endoscopy system:

a) Ventriculoscope with wide angle straight forward telescope 6°, angled eyepiece, outer diameter 6.1mm, length 18 cm, working channel diameter 2.9 mm, irrigation / suction channel diameter 1.6, autoclavable.

b) Operating sheath, graduated, rotating, outer diameter 6.8 mm, working length 13 cm.

c) Obturator for use with operating sheath.

d) Scissors, pointed, rotating, dismantling, with LUER- lock irrigation connector for cleaning, single action jaws. Diameter 2 mm, working length 30 cm.

e) Grasping forceps, rotating, dismantling, with LUER- lock irrigation connector for cleaning, double action jaws. Diameter 2 mm, working length 30 cm.

f) Biopsy forceps rotating, dismantling, with LUER- lock irrigation connector for cleaning, single action jaws. Diameter 2.7 mm, working length 30 cm.

g) Ventriculostomy forceps, diameter 1.7 mm.

h) Forceps for ventriculostomy, flexible, double action jaws, diameter 1 mm.

i) Biopsy forceps double action jaws, flexible, diameter 1 mm.

j) Scissors, pointed, lightly curved jaws, double action jaws, diameter 1, 7 mm.

k) Injection needle, flexible, diameter 2.5 mm, working length 45 cm.

l) Puncture needle.

m) Spatula electrode, unipolar, flexible.

n) Articulated stand, reinforced version, only, L- shaped, with one mechanical central clamp for all five joint functions, height 40 – 50 cm, operating range 50 – 60 cm.

o) Clamping jaw, metal, for use with instrument and telescope sheaths, clamping range 4.8 to 12.5 mm, with adapter autoclavable, permits telescope.

p) Plastic container for sterilizing and storage perforated, with lid, for two level storage, for use with 30 cm and 36 cm click line – instruments, external dimensions : 60 x 60 x 60 cm.

q) Telescope 0°, enlarged view, outer diameter 4 -6 mm, working channel diameter 2 – 3 mm, length 18 cm, and autoclavable.

r) Telescope 30°, enlarged view, outer diameter 4 -6 mm, working channel diameter 2 – 3 mm, length 18 cm, autoclavable.

s) Telescope 45°, enlarged view, outer diameter 4 -6 mm, working channel diameter 2 – 3 mm, length 18 cm, autoclavable.

t) Full set of telescopes and instruments for extended transphenoidal surgery.

u) Endoscopic mushroom punches and sellar punches.

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.