



Running Contract Details	
Equipment Name	Arthroscope & instruments Full set -knee & shoulder
Running Contract Valid Till	15-03-2026
Tender Ref No	KMSCL/EP/T517(R)/902B/2023
Tendered Quantity	10
Supplier Name	M/s Lakshmi Surgicals
GST No	32AACFL2603A1ZB
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 0 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
2nd Floor 12/307-C1 KSIE Building CIC Freight Station ICTT Road Anavathil Jn. Udyogamandal Eloor Ernakulam - 683501	Contact Person	Mr. Viji Vijayan
	Phone	0484-2988006
	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>Arthroscope &amp; instruments Full set -knee &amp; shoulder</b> <i>Model &amp; Make : Karl Storz Arthroscope and Instruments Full Set -Knee and Shoulder/Karl Storz GmbH &amp; Co Germany</i>	6726020 Incl.GST :12%	496043.98	7222063.98
		<b>6726020</b>	<b>496043.98</b>	<b>7222063.98</b>

### **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 :Arthroscope & instruments Full set -knee & shoulder**

#### **A. Basic Arthroscopy Instruments**

1. Arthroscope 4mm 30 deg
  1. Arthroscopy: Autoclavable
  2. Wide angle forward oblique and lateral scope
  3. Field of view
  4. Angle of view 30°and 70°
  5. Diameter : 4mm
  6. Length: 16 – 18 cm
  7. Fiber optic light transmission incorporated
  8. Standard ocular window for coupling camera head
  9. Scratch resistance sapphire quoted tip lens
  10. Rod lens system for optimum brightness, contrast and definition
2. Arthroscopy sheath
  1. Arthroscope sheath, rotatable
  2. Diameter: 5.5 to 6 mm
  3. Working length 12 cm
  4. Shall have two rotatable stopcocks
  5. Autoclavable for use with telescope 30° and 70°
3. Obturator
  1. Semi sharp obturator
  2. For use with arthroscopy sheath
4. Probe
  1. Hook probe/graduated
5. Punches
  1. Straight cutting jaws, width not less than 3mm and working length not less than 12 cm
  2. Upward cutting jaws, width not less than 3mm and working length not less than 12 cm
  3. Left and right 30 deg cutting, jaws width not less than 3 mm and working length not less than 12 cm
6. Grasper
  1. Grasper spoon shaped straight, aggressive cutting and alligator grasping forceps working length not less than 12cm

#### **II. Shoulder Arthroscopy**

7. Shoulder cannula with obturator
  1. Should cannula threaded inner diameter 8-8.5mm, length 8cm with cannulated obturator/ dilator
  2. Should cannula threaded inner diameter 6-6.5mm, length 8 cm with cannulated obturator/ dilator
8. Puncture needle with obturator
  1. Puncture needle with obturator for use with guide wire
9. Guide wire
  1. Guide wire length 30 cm, dia less than 1mm
10. Dilator/switching stick cannulated
  1. Dilator/switching stick cannulated diameter 3.5-4mm length not less than 30 cm

11. Half sheath/half pipe

1. Half sheath/ half pipe for easy switching and mauevaring of instruments long 95 cm length
2. Half sheath/ half pipe for easy switching and mauevaring of instruments short 80 cm length

12. Suture lasso system

1. Handle for use with monofilament thread with reusable suture attachments, wheel attachment and wheel
2. Wheel attachment
3. Wheel

13. Reusable suture attachments for use with handle

1. Suture attachment distal tip curved upwards straight 5 mm in height
2. Suture attachment distal tip curved upwards straight 7 mm in height
3. Suture attachment distal tip curved upwards straight 8 mm in height
4. Suture attachment hook shaped distal tip curved upwards straight 8, 8.7 & 10 mm in height
5. Suture attachment hook shaped distal tip angled 30 deg right and left 8 mm in height
6. Cleaning adaptor for suture attachments

14. Suture forceps for punching soft tissue and suture management

1. Suture forceps curved upwards, working length not less than 14 cm
2. Suture forceps curved to left also curved to left in sheath working length not less than 14 cm
3. Suture forceps curved to right also curved to right in sheath working length not less than 14 cm
4. Suture forceps retrograde opening also curved upwards in sheath working length not less than 14 cm

15. Suture hook

1. Suture hook with eyelet straight, curved to right
2. Suture hook with eyelet straight, curved to left

16. Suture cutte

1. Suture cutte working length not less than 14 cm

17. Thread catcher

1. Thread catcher working length not less than 14 cm

18. Knot pusher

1. Knot pusher and suture cutter with working length not less than 14 cm, consisting of blade insert and handle

19. Punches

1. Punch through cutting cross toothed cutting width 3 mm or more curved upwards 15-30 deg working length not less than 14 cm
2. Punch through cutting cross toothed cutting width 3 mm or more straight jaws, sheath curved 15-30 deg upwards working length not less than 14 cm

20. Grasper

1. Foreign body grapser aggressive straight jaws, working length not less than 14 cm with ratchet
2. Foreign body grapser aggressive straight jaws, working length not less than 14 cm without ratchet
3. Sture grasper straight, curved to right 30- 45 deg working length not less than 14 cm
4. Sture grasper straight and curved to left 30 to 45 deg, working length not less than 14 cm

21. Elevator

1. Elevator width 4mm curved 15 deg downwards also curved downwards in sheath working length not less than 14 cm

2. Elevator width 4mm curved 30 deg downwards also curved downwards in sheath working length not less than 14 cm
3. Elevator width 4mm curved 15 deg downwards blade turned 180 deg also curved downwards in sheath working length not less than 14 cm
4. Elevator width 4mm curved 30 deg downwards blade turned 180 deg also curved downwards in sheath working length not less than 14 cm
5. Elevator width 4mm curved 15 deg downwards working length not less than 14 cm
6. Elevator width 4mm curved 30 deg downwards working length not less than 14 cm

## 22. Rasp

1. S.L.A.P. rasp with 4.5mm curved 30 deg downwards also curved downwards in sheath working length not less than 14 cm
2. Rasp double sided can be used as glenoid as well as S.L.A.P rasp with 4.5mm curved 30 deg downwards also curved downwards in sheath working length not less than 14 cm
3. Glenoid rasp width 5.5mm 30 deg curved upwards working length not less than 14 cm

## 23. Biceps biter for biceps tenodesis

1. Instrument for simple and precise tenotomy of the biceps tendon and or biceps tenodesis combined cutting and grasping instrument for arthroscopic terminal cutting of biceps tendon for the left and right shoulder, working length not less than 14 cm
2. Grasping instrument for arthroscopic terminal cutting of biceps tendon for the left and right shoulder, working length not less than 14 cm

### III. Test Device for Instrumentated stability measurement

#### 24. Test device for instrumentated stability measurement

1. Test device for instrumentated stability measurement which allows the exact and reproducible determination of the knee joint
2. Test device should be practical easy to use with reproducible results giving exact measurement
3. Test device should be able to perform at least four main clinical stability test i.e. lachmen test, spontaneous posterior drawer test at 90 deg flexion, fixed posterior drawer test & anterior drawer test in 90 deg flexion

### IV. Small Joint Set

#### 25. Telescope – 30 degree

1. HOPKINS forward – oblique telescope 30 °, diameter 2.7 mm, length 11 cm, autoclavable. Fiber optic light transmission incorporated color code: red

#### 26. Arthroscope sheath

1. Arthroscope sheath, diameter 4.0 mm, working length 7.5 cm

#### 27. Obturator

1. Obturator blunt for the use with arthroscopy sheath 28133 CR, R,B, color code : red

#### 28. Probe

1. Probe graduated length of hook 1mm, diameter 1mm, working length 7.5 cm

#### 29. Forceps

1. Silgraps pro suture forceps, straight jaws, sheath diameter 2.8 mm working length 8.5cm

#### 30. Punch

1. Silicut pro punch through cutting width 2mm straight jaws sheath diameter 2.5mm, working length 8.5 cm

### V. ACL PCL Set

31. Tendon stripper closed

1. Tendon stripper: closed diameter 7-8mm, length 30 cm. Should have length marks on the stripper wire
2. Tendon stripper: closed diameter 5-6mm, length 30 cm. Should have length marks on the stripper wire

32. Tendon stripper open

1. Tendon stripper: open diameter 7-8mm, length 30 cm. Should have length marks on the stripper wire

33. Tendon thickness tester

1. Tendon thickness tester for determination of tendon thickness from 7mm to 12 mm in 0.5 mm increments. Should provide precise thickness measurement with a flap mechanism to measure the graft when it is tensioned on the graft board

34. Tendon hook

1. Tendon hook

35. Tissue forceps

1. Tissue forceps 1 x 2 teeth medium distal curved to left length 14.5cm

36. Tendon board

1. Tendon board for cleaning and preparing the graft
2. Graduated scale for measurement of the graft facility for preparation and initial tensioning of the graft
3. Marking for the determination of the graft portion in the femoral tunnel intra auricular and tibia tunnel including a retainer for femoral fixation button

37. Thread clip

1. Thread clip

38. Tibial target guide

1. Tibia guide for anterior cruciate ligament reconstruction

39. Larding wire

1. Drill wire diameter 2 -3 mm length 30 cm or more, pyramidal shape

40. Drilling wire with eyelet

1. Drill wire diameter 2-3 mm length 30 30 cm or more, pyramidal shape

41. Length gauge

1. Length gauge length 20 cm or more

42. Tibial guide for PCL

1. Tibia target guide for PCL reconstruction right
2. Tibia target guide for PCL reconstruction straight
3. Tibia target guide for PCL reconstruction left

43. Femoral PCL Aimer

1. Femoral PCL Aimer, graduated, length 12 cm or more

44. Quadriceps Graft harvesting system

1. Quadriceps harvesting system consisting of handle, quadriceps tendon cutter, tendon knives of sizes 8 mm and tendon separator of size 5 mm
2. Quadriceps harvesting system consisting of handle, quadriceps tendon cutter, tendon knives of sizes 9 mm and tendon separator of size 5 mm
3. Quadriceps harvesting system consisting of handle, quadriceps tendon cutter, tendon knives of sizes 10 mm and tendon separator of size 5 mm

#### **VI. General**

1. The bidder shall quote for all the items mentioned above
2. The instruments supplied shall be European CE/ US FDA approved conforming to international standards
3. All instruments quoted shall be of the same manufacturer

#### **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