

08.05.2019

TAMILNADU MEDICAL SERVICES CORPORATION LTD.,

**TENDER FOR SUPPLY AND INSTALLATION OF RIGID NASAL ENDOSCOPE WITH
CAMERA AND TV UNIT AND BASIC DIAGNOSTIC ARTHROSCOPY SET TO ESI
HOSPITALS AT AYANAVARM, MADURAI AND SALEM**

TENDER NO.448/SCOPE/DMS-ESI/TNMSC/ENGG/2019, DT.04.03.2019

CORRIGENDUM

a) The following corrigendum are issued:-

Sl. No.	Tender document reference	Instead	Read as
1.	Page No.1, 3 & 5	Tender for supply and installation of Rigid Nasal Endoscope with Camera and TV Unit and Basic Diagnostic Arthroscopy Set to ESI Hospitals at Ayanavaram, Madurai and Salem.	Tender for supply and installation of Basic Diagnostic Arthroscopy Set to ESI Hospitals at Ayanavaram, Madurai and Salem.
2.	Page No.52 Section V: Schedule of Requirements	Existing Text	Revised Text at Annexure - I
3.	Page No.54 to 65 Section VI: Technical Specification	Existing Text	Revised Text at Annexure - II
4.	Page No.66 to 68 Section VI A:Qualification Criteria	Existing Text	Revised Text at Annexure - III
5.	Page No.71 Section VII: Bid Form and Price Schedule Price Schedule	Existing Text	Revised Text at Annexure - IV

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

**Sd/-
General Manager (E)**

**SECTION – V - REVISED
SCHEDULE OF REQUIREMENTS**

Sch. No.	Brief Description	Unit	Qty.	Bid security (Rs.)
1.	Basic Diagnostic Arthroscopy Set as per specification	Nos.	3	Rs.60,000/-

Delivery Schedule: - 30 days from the date of placement of order.

Place of Delivery:- The above equipment should be delivered at

Sch. No.	Brief Description	Place of Delivery
1.	Basic Diagnostic Arthroscopy Set	ESI Hospital, Ayanavaram – 1 No. ESI Hospital, Madurai – 1 No. ESI Hospital, Salem – 1 No.

SECTION VI : TECHNICAL SPECIFICATIONS - REVISED

1. SPECIFICATIONS FOR BASIC DIAGNOSTIC ARTHROSCOPY SET

1. Telescope 0 deg – 1 no.

- Autoclavable wide angle view 30 deg high definition arthroscope. Enlarged view, diameter 4mm, length 18cm autoclavable. Fiber Optic light transmission incorporated.
- Should have straight lock technology to lock and unlock the cannula during the surgery.

2. Operating Sheath – 1 No.

- Arthroscope sheath – diameter 6.0mm, working length 12cm, rotatable with 2 stopcocks and automatic lock-in coupling mechanism, for use with telescopes 0°, 30°, 70°, 90°.

3. Obturator, blunt for use with sheath – 1 no.

4. Obturator, semi-sharp for use with sheath – 1 no.

5. Palpation probe, graduated, working length 18 cm, length of hook 2.0 mm – 1 no.

6. 3.4mm straight big bite punch – 1 no.

7. 3.4mm grasper for loose body removal – 1 no.

8. 3.4mm 30 degree right punch – 1no.

9. 3.4mm 30 degree left punch – 1no.

10. Arthroscopy shaver system.

11. HD Camera System

Specification for Arthroscopy High Definition Camera System with Inbuilt Full HD

Video and Image Recording System on USB Drive

- The system should be truly Digital High Definition Endoscopic video camera. The system should have the maximum resolution of 1920x1080 pixels, progressive scan and the consistent use of 16:9 formats for Input & Output to guarantee genuine High Definition.
- The system should have facility of Optical & Digital zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used.

- USB port for capturing full HD videos/HD stills in External USB drive and direct interface of USB printer to facilitate direct printouts.
- System should have facility of controlling additional equipment's like light source/insufflators and recording device from the camera head.
- System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like Blue & Green light for recognition of the finest tissue structures and their differentiation.
- Parallel live display of visualization modes besides white light mode (picture-in-picture).
- The system should be modular design: Digital Full HD camera module should be compatible for use with 3D camera and video endoscopes.

Technical Specification for 2D Camera Head:

- Image sensor: 3 x 1/3" CCD- Chip
- Pixels: 1920 x 1080
- AGC: Microprocessor controlled
- Lens: Integrated zoom lens f=15-31 mm (2x optical zoom)
- Minimum light sensitivity: 1.17 Lux (f=1.4mm)
- Control buttons: 3 (2 of them freely programmable)
- Video Output: 2 x DVI-D output, 1x3G-SDI output, 3 x camera input for communication with compatible camera modules, LAN Connection, 4xUSB connection (2x front, 2xback)
- Input: Keyboard input for character generator. 5-pole DIN socket.
- Power supply: 100-240 VAC 50/60 Hz.
- Certified to: IEC 601-1, 601-2-18, CSA 22.2 No.601, UL 2601 and CE according to MDD, protection class 1/CF.

27" High Definition Medical Grade Monitor

The monitor should have:

- LCD Panel 26 inch (16:9 aspect ratio)
- High Definition 1920 * 1080 pixel resolution.
- Various signal inputs: DVI-D for 2D signal in HD, HD-SDI for 2D signal in HD, S-Video for 2D Signal in standard resolution.
- Viewing angle – Horizontal: 178 degrees, Vertical: 178 degrees (3D:TBD)
- Contrast 1000:1

- Should be supplied with a compatible desktop stand.

Xenon Light source with Fiber optic cable

- Lamp type: Xenon 15V, 300 Watt
- Color Temperature 6000 K
- Light Outlets – 1
- Light Intensity Adjustment:- Continuously adjustable, either via a membrane keyboard.
- Certified to: IEC 601-1 & UL 544 CE according to MDD, protection class 1/CF.

Fiber Optic Light cable:

- Extremely heat resistance
- Should be supplied with diameter 4.8mm, length 250 cm.

The above system should be supplied with a trolley to house all the units

Specification for Graft removal and preparation for Cruciate Ligament reconstruction set

Sl. No.	Description	Specification	Qty.
1	Tendon stripper closed	Tendon striper: closed diameter 7-8 mm & 5-6mm length 30 cm. Should have length marks on the stripper wire	1 each.
2	Tendon Stripper Open	Tendon Striper: Open Diameter 7-8mm length 30 cm. Should have length marks on the stripper wire	1
3	Tendon Thickness Tester	Tendon: Thickness Tester for determination of Tendon thickness from 7mm to 12mm in 0.5mm increments. Should provide precise thickness measurement with a flap mechanism to measure the graft when it is	

Sl. No.	Description	Specification	Qty.
		tensed on the graft board.	
4	Tendon Hook	Tendon Hook	
5	Tissue Forcep	Tissue forceps 1x2 teeth medium distal curved to left length 14.5cm	
6	Tendon Board	Tendon Board for cleaning and preparing the graft. Graduated scale for measurement of the graft facility for preparation and initial tensioning of the graft. Marking for the determination of the graft portion in the femoral tunnel Intra Auricular and tibia Tunnel including a retainer for Femoral Fixation Button.	1
7	Thread Clip	Thread Clip	1
8	Tibial Target guide	Tibial Guide for Anterior Curciat Ligament reconstruction	1
9	Larding Wire	Drill wire diameter 2-3 mm length 30 cm or more, pyramidal shape	6
10	Drilling wire with Eyelet	Drill Wire Diameter 2-3mm length 30 cm or more, pyramidal shape	6
11	Length Gauge	Length Gauge length 20 cm or more	1
12	Tibial guide for PCL	Tibia Target guide for PCL reconstruction, straight, left & right	1 each

Sl. No.	Description	Specification	Qty.
13	Femoral PCL Aimer	Femoral PCL Aimer, Graduated, Length 12cm or more.	1
14	Quadriceps Graft Harvesting System	Quadriceps Harvesting system consisting of Handle, Quadriceps tendon cutter, tendon knives of sizes 8, 9 & 10mm and Tendon separator of size 5mm	1 each.

Note: Bidders shall furnish technical compliance statement for the model quoted , details of manufacturer including deviations if any. Technical catalogue /data sheet shall also be furnished in support of technical compliance statement with out fail.

SECTION VI-A : QUALIFICATION CRITERIA - REVISED

(Referred to in Clause 11.2 of ITB)

For determining the lowest-evaluated bid, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 11.2, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

1. Manufacturer Bidders

- (i) *The bidder must have manufactured and supplied satisfactorily the similar model **quoted** in each schedule of the Schedule of Requirements either directly or through of any other authorized dealer to the extent of at least 1 No. under "Section – V, Schedule of Requirements" in any one of the last five years **of which minimum 1 No. should have been supplied to Indian Institution** and should be in use satisfactorily with no adverse report for at least one year preceding the date of bid opening.*
- (ii) *The Bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity and experience (both technical and commercial) for the manufacture and supply of the required equipment within the specified time of completion after meeting all their current commitments.*
- (iii) *The bidder should clearly confirm that all the facilities exist in his factory for inspection and testing and these will be made available to the purchaser or his representative for inspection.*

2. Non- Manufacturer Bidders

*In the case of a Bidder offering to supply Goods under the Contract that the Bidder does not manufacture or otherwise produce, **the Bidder should be duly authorized by the manufacturer of the Goods who meets the criteria under (1) above** (all supporting documents/information as asked above for manufacturer shall be submitted with the bid) and*

- a) *The manufacturer furnishes a legally enforceable authorization in the prescribed Form [Section XI] assuring full guarantee and warranty obligations as per GCC and SCC for the goods offered; and*
- b) *The bidder, as authorized by the manufacturer, must have supplied and provided after sales service to the extent of at least 1 No. of the quantities of **similar model** in the Schedule of Requirements in any one of the last five (5) years **to Indian Institution**, which must be in satisfactory operation at least for one year on the date of bid opening.*

3. Common to Both Manufacturer and Bidder

(i) The information on past supplies and satisfactory performance should be given in the Proforma given under Section-X.

(ii) Documentary evidence (end users certificate) in support of the satisfactory operation of the goods as specified above shall invariably furnished.

(iii) Data to support that the manufacturer has the financial and production capacity to perform the contract and complete the supplies within the stipulated delivery period shall be furnished. for the non-manufacturer bidder data to support that he has the financial capacity to perform the contract and complete the supplies within the stipulated delivery period shall be furnished. Reports on financial standing shall be in the form of profit and loss statements, balance sheets and auditors report for the past three years, bankers certificate, etc.,

a) The bidder should have a manufacturing capacity of at least 54 Nos. similar capacity machines per annum certified by licensing authority/ chartered accountant.

b) The annual sales turnover for the bidder should be at least Rs.60.00 lakhs in any one of the last three years (2015-2016 to 2017-2018), and it should be certified by the chartered accountants.

c)The bidder should have a cash/ credit limit of at Rs.15.00 lakhs with their bankers exclusively for this contract and a certificate for the above shall be furnished by the bankers.

(iv) Further, the manufacturer should be in continuous business of manufacturing / supplying and after sale services of products similar to that specified in the 'Schedule of requirement' during the last 5 years prior to bid opening. In case of non-manufacturer bidders, this condition should be satisfied by the manufacturer of the product.

1 The legal status, place of registration and principal place of business of the company or firm or partnership, etc.;

Notwithstanding anything stated above, the purchaser reserves the right to assess the bidder's capabilities and capacity to execute the contract satisfactorily before deciding on award

Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or record of poor performance such as, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

Note:

1) The above post qualification requirements are to be met by the bidder (in case of manufacturer bidders) and the bidder and the manufacturer respectively (in case of non manufacturer bidders) and qualification of group/sister/parent companies will not be considered for meeting the above requirement.

2) *For the purpose of furnishing documentary evidence to meet the post qualification criteria, the bidder should furnish the following:*

- a. *The supply made to public sector/Government units in India/private sector, the bidder should submit an affidavit confirming that the performance statement given is correct along with copy of purchase order, copy of invoices, proof of payment received from Purchasers, documentary evidence (end user certificate) in support of satisfactory completion of orders and function as stated above.”*
- b. *The foreign manufacturer is permitted to submit an affidavit in their letter head duly signed by the authorized signatory of the manufacturer confirming that the performance statement given is correct.*

PRICE SCHEDULE - REVISED

1	2	3	4	5					6	7	8
				PRICE FOR EACH UNIT							
Sch No.	Item Description	Country of origin	Quantity & Unit	Ex-factory Ex-warehouse Ex-showroom off-the shelf for CIF (a)	Packing & forwarding (b)	Inland transport, Insurance and Incidental costs incidental to delivery (c)	Incidental services as listed in clause 7 of SCC (d)	Customs duty (e)	Unit price a+b+c+d+e	Total price per schedule for delivery at final destination (4 x 6)	GST – IGST/CGS T/ SGST payable if contract is awarded
1.	Basic Diagnostic Arthroscopy Unit as per specification		3 Nos.								

i. Unit price in (6) (Rs. in words)

1. Basic Diagnostic Arthroscopy Unit as per specification with HSN Code/rate of GST.....

a) Annual Maintenance Charges (labour only) per year /per unit for 7 years after 3 years free warranty maintenance period

1. Basic Diagnostic Arthroscopy Unit as per specification with HSN Code/rate of GST.....

b) Annual Maintenance Charges (Comprehensive) for 7 years / per year / per unit after free warranty maintenance period

1. Basic Diagnostic Arthroscopy Unit as per specification with HSN Code/rate of GST.....

Note:

- (a) In case of discrepancy between unit price and total price, the unit price shall prevail.
- (b) **This price schedule should be placed in separate sealed cover “Cover B”**
- (c) **GST applicable for Annual Maintenance Charges shall be indicated separately.**
- (d) **The bidder should indicate the HSN code of the equipment/ service and applicable GST rates.**
- (e) **The bidder should quote for the prices separately from column 5(a) to 5(e) and should not state “as inclusive”.**

Place : _____ Signature of Bidder.....

Date : _____ Name

Business Address