

कार्यालय अधिष्ठाता श्यामशाह चिकित्सा महाविद्यालय रीवा

म0प्र0

क्रमांक 3929 / क्रय / एम.सी. / 2015
2015

रीवा दिनांक 13.03.

तृतीय अल्पकालिक निविदा सूचना

माननीय म0प्र0 उच्च न्यायालय जबलपुर में विचाराधीन याचिका क्र. 17081/12 एवं 12191/13 में माननीय न्यायालय द्वारा दिनांक 28.01.2015 को पारित अन्तरिम आदेश के पालन में चिकित्सा महाविद्यालय रीवा अन्तर्गत ईएनटी विभाग हेतु एमसीआई से मान्यता प्राप्त करने के लिये आवश्यक उपकरणों के क्रय के लिये मोहर बंद तृतीय अल्पकालिक निविदायें पंजीकृत एवं अनुभवी निविदाकारों से वर्ष 2014-15 के लिये आमंत्रित की जाती है।

निविदा फार्म, शर्तें एवं अन्य विस्तृत जानकारी अधोहस्ताक्षरी के कार्यालय में कार्यालयीन समय एवं कार्यालयीन दिवसों में एवं महाविद्यालय की वेबसाइट www.ssmcrewa.com में देखी जा सकती है। प्रत्येक निविदा फार्म हेतु रु.5000/- (रु. पाँच हजार) मात्र का बैंक ड्राफ्ट अधिष्ठाता एवं मुख्य कार्यपालन अधिकारी, श्यामशाह चिकित्सा महाविद्यालय, रीवा (म.प्र.) (Dean & CEO, S.S. Medical College, Rewa M.P.) के नाम जमा कर निविदा फार्म निर्धारित तिथि तक प्राप्त होगा। यह राशि वापस नहीं की जावेगी। कार्यालय से निविदा फार्म प्राप्त करने, कार्यालय में जमा करने तथा प्राप्त निविदाओं को खोलने का विवरण निम्नानुसार है :-

क्र.	विवरण	कोरे निविदा फार्म प्राप्त होने की अन्तिम तिथि	भरे हुये निविदा फार्म जमा करने की अन्तिम तिथि	निविदा एवं तकनीकी बिड खोलने की तिथि
1.	ईएनटी विभाग हेतु एमसीआई से मान्यता प्राप्त करने के लिये आवश्यक उपकरणों के क्रय हेतु	दि. 01.04.2015 सायं 5.00 बजे तक।	दि. 06.04.2015 सायं 5.00 बजे तक।	दि. 07.04.2015 अपरान्ह 12.30 बजे।

यदि उपरोक्त दिवस को शासकीय अवकाश घोषित हो जाता है तो अगले कार्य दिवस में तिथि बढ़ी समझी जावे। निर्धारित समयावधि में सीलबंद प्राप्त निविदायें चिकित्सा महाविद्यालय के कान्फ्रेस हाल में खोली जावेगी जिसमें निविदाकार या उनके प्रतिनिधि उपस्थित रह सकते हैं। इस हेतु पृथक से कोई सूचना नहीं जारी की जावेगी।

अधिष्ठाता
श्यामशाह चिकित्सा महाविद्यालय,
रीवा म0प्र0

DEAN
S.S.MEDICAL COLLEGE, REWA



TENDER FOR E.N.T. DEPARTMENT
EQUIPMENTS

Tender Year 2014-15

Rs- 5000/-
(Rs. Five Thousand Rupies Only)

OFFICE OF THE DEAN S.S.MEDICAL COLLEGE REWA(M.P.)

TENDER FOR E.N.T. DEPARTMENT EQUIPMENTS

No. / Pur. Sec / Tender / 2014 –15 Rewa , Dated2015

Tender will be sold up to - 01.04.2015 - at 5.00 PM

Tender to be submitted up to - 06.04.2015 - at 5.00 PM

Tenders will be opened on - 07.04.2015 - at 12.30 PM

TERMS & CONDITIONS

Tenders are invited for financial year 2014 – 2015 for supply of E.N.T. EQUIPMENTS.

Equipments wise Security Deposit list :-

Sr. No.	Equipments Names	Security Deposit
1-	ELECTRONYSTAGMOGRAPHY (ENG) MACHINE	Rs. 40,000/-
2-	ENT MICROSCOPE FOR TEMPORAL BONE LAB	Rs. 10,000/-
3-	ACCESSORIES OF NASAL ENDOSCOPE / FESS INSTRUMENTS	Rs. 15,000/-
4-	MICRO EAR SURGERY INSTRUMENTS	Rs. 10,000/-
5-	FLEXIBLE FIBREOPTIC BRONCHOSCOPE	Rs. 25,000/-
6-	FLEXIBLE FIBREOPTIC OESOPHAGOCPE WITH STANDARD SET OF ACCESSORIES	Rs. 25,000/-
7-	ENT CRYOSUGISUGICAL UNIT	Rs. 25,000/-
8-	NERVER STIMULATOR / MONITOR	Rs. 15,000/-
9-	HIGH SPEED DRILL SYSTEM IN ENT OPERATION THEATER	Rs. 5,000/-

- 1) These tenders are for the financial year 2015-16 effective up to 31st March 2016.
- 2) Tenderer should be either manufacturer of products or authorized distributor of manufacturer Company.
- 3) Tender received after schedule of date & time will be rejected.
- 4) The details of envelopes are as follows:-
Envelop "A" for Earnest Money
Envelop "B" for Technical Bid
Envelop "C" for Price Bid (Hard copy & Soft copy)

Note : Envelope B ; Technical Bid should contain documents as per check list enclosed.

All three envelop A, B and C should be separately sealed and all the three sealed envelop shall be kept in an outer envelop and this should reach to office of the Dean S.S. Medical College, Rewa on or before 06.04.2015 at 5:00 P.M. . Tender will be opened in the conference hall of SSMC Rewa at 12.30 P.M. on 07-04-2015 in the presence of the present tenderers or their representatives. Technical bid will be opened first & those found eligible, their price bid will be opened.

- 5) A - The rate should be quoted in the list of item accompanying the tender Form maintaining same serial number as per our list, failing this tenders may be rejected.
B - The rate in Indian Rupees will also have to be quoted in soft copy in a C.D. Specifically Supplied along with the tender documents. Both the hard and soft copies will be kept in the envelope C.
- 6) Rates to be quoted inclusive of Excise Duty, Transportation, Installation, Insurance and any incidental charge/ Tax on F.O.R. destination basis (Dean S.S. Medical College, Rewa) Should be quoted for each of the items. VAT charge extra as per Govt. rules. No any other charge will be paid separately on quoted rates. There should be no overwriting in the Rates quoted. The rate quoted in price column should be for the unit and specification given. The tenderer is strictly prohibited to change / alter specification or unit size quoted. Keep original price (hard and soft copy) in cover "C". Each page must have signature and rubber stamp.
- 7) Tenderers are required to submit security deposit as given in form of D.D. (Demond Draft) of any bank recognized by RBI payables at Rewa, in the name of the Dean S.S. Medical College, Rewa Failing which the tender will be rejected. Those who are exempted from Deposited security are required to submit a certificate from the competent authority. No. interest will be paid on the security deposited.
- 8) **Warranty/Defect Liability Period :-**
 - (A) The supplier shall warrant comprehensively that the equipments supplied under the contract is New, Unused & Incorporate all recent improvement in design & Material. All losses due to defects resulting from faulty design, Material & Workmanship during warranty periods shall be compensated by the suppliers.
 - (B) This Comprehensive on- site warrenty shall remain valied for 5 year from the date of supply (For Items all Items)
 - (C) In case of any defect detected in items under warrenty, The users shall notify procurement authority about the same. Procurement authority shall promptly notify the he supplier in writing for any claimps arising from such defects. If the defect in not rectified by the suppliers within 15 days, procurement authority shall take necessary action to claim compensation at the supplier expenses.

- 9) Tenderer must agree to abide by all the terms and conditions of the tender, Any default or breach of contract or supply of goods not conforming to the standards shall render the tender to be rejected / cancelled and forfeiture of Earnest money, the tenderer must sign with rubber stamp on every page of the tender, all page must be numbered.
- 10) The tenderers are required to submit registration of Comercial Tax and clearance certificate of last three years of Sales Tax / Vat / CST Tax & PAN NO. & copy of last three years of ITR.
- 11) The tenderer will be required to submit a Declaration that he has not quoted lower rate than that of quoted in this tender in any institution or organization in M. P. (Annexure II)
- 12) Notarized undertaking to the effect that no dues of arrears of central or state taxes are outstanding against the manufacturing company will have to be submitted along with tender form (Annexure III)
- 13) Tenders of firm / manufactures will be rejected if the same is black listed by any competent authority or is involved in any criminal proceeding pertaining to manufacture, supply or due to any dispute pending before any court or legal forum. A undertaking of negativity of the above shall have to be provided by the tenderers (Annexure IV)
- 14) E.N.T. EQUIPMENTS supplied must conform to the specification mentioned in enclosed Equipments list in the price list .

Amendment of Bidding Documents – Conditional Bids Will Not Be Accepted.

- 15) **(A)** All purchase will be made by competent authority as per store purchase rules of the State Govt and their order issued from time to time. Any order issued by higher authority will be followed. Recommendation of the purchase committee of the College will be followed.
(B) Invitation of tender does not mean any commitment to make purchases of all or any item. Listed in the tender. Material will be purchase after permission form Madhya Pradesh Govt. and when material is not supply by Madhya Pradesh Laghu Udyog Nigam of M. P. Govt.
- 16) Government policy to encourage scheduled castes and Scheduled tribes entrepreneurs will be followed as per rules of the state Govt. Tenderer must attach relevant document in support of the same along with registration of the firm with District Vyapar Udyog Kendra or any such state authorized body.
- 17) Supplies of E.N.T. EQUIPMENTS will have to be F.O.R. College Store. No extra charges will be paid for local freight etc. In case of any breakage, theft or any loss to the goods during transit the responsibility of the loss will be of supplying firm. Financial loss if any will be recovered accordingly.
- 18) It is mandatory to supply with in 10 days from the date of supply order.
- 19) All supplies should be made by approved firms only.

- 20) Any claim for hike in prices of the commodities covered in the tender will not be allowed during the tender period.
- 21) Payment will be made by bank draft/ banker cheque/E-Payment. Bank commission there of will be born from the amount of the bill. No. advance payment will be made. VAT will be deducted at source.
- 22) The Dean S.S. Medical College, Rewa reserves the right to accept or reject any or all tenders without assigning any reason thereof in public interest. The tendering authority also reserves the right to make any addition or alteration in the terms and condition of the contract.
- 23) For any legal recourse the judicial jurisdiction will courts in Rewa. The contract shall be Governement by the laws of India.
- 24) Equipment supplier will demonstrate the functioning of equipment before 3 member committee. this committee will also eramine specifications. Only on approved by this committee equipment will be received.

Note: Technical bid should be opened on 07-04-2015 at 12:30 PM in presence of purchase/Technical committee and present tenderer or their authorized representative. Tenders list (i.e. price bid) are opened only those tenderer who are qualified in technical bid. At the time of opening of price list, information should be given to that tenderer separately.

Dean
S.S. Medical College, Rewa (M. P.)

Check List

(List of Document enclosed with Tender from)

S.No.	Documents	(Marked by Tenderer (√/x))	(By Purchase Committee (√/x))
1.	Detail of Earnest Money / D.D. (DemondDraft) No Dated..... For Rs.....		
2.	Forwarding Letter in Given format		
3.	Seal & Signature in all terms & Conditions		
4.	Registration of TIN No. & Sales Tax		
5.	Sales Tax & Vat Tax Clearance Certificate.		
6.	Photocopy of PAN Card		
7.	Copy of ITR For last three Years.		
8.	Affidavit by notary regarding Undertaking of no dues of Sales Tax & Income Tax		
9.	Authorization letter from Manufacturer for Authorized Distributor		
10.	Original Tender (Soft & Hard Copy Cover – C)		

Note : Put up Serial Number in all documents and attach as per schedule given above and check List should be attached in front of all Documents.

Remark of Purchase Committee.....
.....

Annexure – I

Specimen of forwarding letter

From,

.....

.....

To,

The Dean
S.S.Medical College, Rewa (M.P)

Sir,

I am submitting tender for the financial year 2014-2015 for purchase of good quality of E.N.T. EQUIPMENTS to the S.S.Medical College, Rewa. As invited wide letter No..... Date2014 and published innews paper. I accept all the terms and condition given in tender, I have not added any terms & condition.

Signature of Tenderer

Enclosures

- | | |
|-----|-----|
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. |
| 11. | 12. |
| 13. | 14. |
| 15. | |

Declaration

1. I/We are citizen of India
2. I/We are competent to contract as per Indian Contract act.
3. I/We are not debarred for supply of E.N.T. EQUIPMENTS by any Institution/office of M.P. state.
4. I/We will be responsible for losses made for supply of poor quality of E.N.T. EQUIPMENTS.
3. I have not added any terms & condition other than given in this tender ,even if any Terms and condition are added than it should be treated as cancelled,
4. I/We have not quoted lower rate than that of quoted in this tender in any office Institution or ganization in the state of M.P.

Date :- / /2014

E-Mail Address:

Phone No :

Mobile No.:

Signature of Tender

Name :

Address :

Specimen of Declaration / Undertaking
(To be Submitted in the letter head)

**DECLARATION
(Annexure - II)**

We.....(Name of manufacturing agency/ Authorized Dealer) having its registered office at.....(full address) .declare that we have not quoted lower rates than that of quoted in this tender in any institution in Madhya Pradesh.

Signature
Rubber stamp

UNDERTAKING (Annexure – III)

We.....(Name of manufacturing agency/ Authorized Dealer) having its registered office at.....(full address) undertake that we have submitted up to date return and had no dues of central and state taxes.

Signature
Rubber stamp

UNDERTAKING (Annexure – IV)

We.....(Name of manufacturing agency/ Authorized Dealer) having its registered office at.....(full address) undertake that our firm has neither been black listed by any competent authority nor any criminal proceeding pertaining to manufacture supply. Qquality of manufacturing items or due to any dispute pending before any court or legal forum .

Signature
Rubber stamp

Information of Manufacturing Agency

Registered Name

Address Factory

Office

Telephone Number

Factory

Office

Mobile Number

Fax

Email Address

Bank Name, Account Number & IFSC

TIN

PAN

CST Number

MPST/VAT

LST Number

Service Tax Number

Information of Authorized Dealer / Stockiest

Registered Name

Address

Telephone Number

Office.

Fax .

Cell.

Email Address

Bank Account Number

Branch

IFS Code of Bank

TIN

PAN

CST Number

MPST/VAT

LST Number

Service Tax Number

DEPARTMENT OF E.N.T., S.S.MEDICAL COLLEGE, REWA (M.P.)
EQUIPMENTS LIST & SPECIFICATIONS

s.no.	Name of equipment	Technical specification
1.	<u>ELECTRONYST AGMOGRAPHY (ENG) MACHINE</u>	<p><u>MODEL :-</u> 4 Channels</p> <p><u>SYSTEM CAPABILITIES :-</u></p> <ul style="list-style-type: none"> . Input channels : 4 . Low filter : 1,2 or 4 seconds . High filter : 7.5/ 15/ 30 Hz . Coupling : DC Response . Input offset voltage <ul style="list-style-type: none"> . Range : $\pm 16\text{mV}$. CMMR : $> 14 \text{ dB}$. Noise : $< 5\text{microV}$ peak to peak max with input shorted . Notch filter : 50/60 Hz . Resolution(ADC) : 14 bit . Sampling rate : 500 Hz . Sweep speed : 5/10/20 mm/sec . Range of eye position tracked : ± 30 degree horizontal and vertical . Linearity <ul style="list-style-type: none"> . Horizontal : 1% full scale . Vertical : 1.2% full scale . Input power : 120/240 VAC , 50/60 Hz <p><u>OPTICAL STIMULUS :-</u></p> <ul style="list-style-type: none"> . Type : Light bar . Patient to bar distance : 1 metre . Target position : Gaze targets ± 30 degrees . Pursuits and saccades : computer controlled . Target size : $< \frac{1}{2}$ degree . Optokinetic : 6 targets <p><u>ELECTRODES :-</u></p> <ul style="list-style-type: none"> . Type : Ag/Ag Cl Disc electrodes <p><u>MINIMUM COMPUTER CONFIGURATION :-</u></p> <ul style="list-style-type: none"> . CPU : PC IBM Compatible with P-IV, 512 MB , . 80 GB HDD, 1 SL, 1 parallel, 4 USB Port. . Monitor : 15 inch colour . Operating system : Windows Vista . Printer : Windows compatible

		Inkjet/Laser jet			
2.	<u>ENT Microscope for temporal bone lab</u>	<p>ENT Microscope with integrated , fanless high transmission, high performance led illumination in the microscopic head.</p> <p>ENT Microscope :</p> <ol style="list-style-type: none"> (1) Integrated , fanless high performance white light LED source, passive cooling (2) Illumeniance > 55 klux (300 mm), color temperature: 5500 k with intensity control over light sensor (3) Automatic light control over tilt sensor (4) Optimized stereo effect by 24 mm stereo basis (5) Mechanical support arm for the microscope <p>Objective 200 mm or 400 mm with manual fine focussing (17 (mm) choice of optics will be decided by the end user.</p> <p>Accessories to be supplied along with the unit</p> <ol style="list-style-type: none"> (A) 3 step magnification changer (B) Straight tube (C) Wide field eyepiece 10 x magnification (D) The system should be on castors by with support to mount on the table to adjust height as and when required . A doctors chair is also required to be supplied (E) Should provide a good table (waterproof) 6 x 4 with provision to keep the tray for the specimen and suction system. (F) Temporal bone holder for specimen with mastoid set and drill set. 			
3.	ACCESSORIES OF NASAL ENDOSCOPE/F ESS INSTRUMENTS :	S. No	Item	Specification	Qty
		1.	Cold light source	250W 24V twin bulb,	1
		2.	Fiberoptic light cable	Length 300cm, Dia4.8mm,	2
		3.	Trocar& cannula for sinoscopy	L8.5cm,dia 5mm	1
		4.	Biopsy & grasping forceps	L-14cm, oval cupper jaws 5mm.sheet dia 1.5mm	2
		5.	Telescope handle	Stammberger telescope handle flat	1
		6.	Hartman's nasal speculum	L-13cm,	1
		7.	Septum needle	Angular, leur lock	1
		8.	Cottles elevator	L-20cm, double ended semi sharp & blunt	1
		9.	Sickle knife	L-19cm, pointed	1
		10.	Antrum curette	L-19cm, small size oblong	1
		11.	Kuhn Bolger frontal sinus curette	Small oblong, forward cutting length 19cm, 55°curved	1
		12.	Kuhn Bolger frontal sinus curette	Small oblong, forward cutting length 19cm, 90°curved	1
		13.	Antrum cannula	L-15cm, outer dia-2.5mm, malleable, leur lock, long curved with grip plate, serrated	1
		14.	Antrum cannula	L-15cm, outer dia-3 mm, malleable, leur lock, long curved with grip plate, serrated	1
		15.	Probe	Double ended, maxillary sinus ostium seeker,	1

		L-19cm, ball size dia 1.2 & 2mm	
16.	Nasal forceps	Straight L-13cm.size-1	2
17.	Nasal forceps	Upturned, 45° size-1	2
18.	Nasal forceps	Upturned, 45° size-1	2
19.	Suction punch	For biopsy and grasping with stylet46001E for cleaning, W.L. 10cm, size 1 straight	1
20.	Suction punch	For biopsy and grasping with stylet46001E for cleaning, W.L. 10cm, size 1 upturned	2
21.	Nasal cutting forceps	Length 13cm	2
22.	Nasal scissors	L-13cm, straight	1
23.	Antrum punch	L-10cm. Rt side backward cutting	1
24.	Antrum punch	L-10cm. Lt side backward cutting	1
25.	Antrum punch	L-10cm. Rt side downward & forward cutting	1
26.	Antrum punch	L-10cm. Lt side downward & forward cutting	1
27.	Biopsy & grasping forceps vertical opening	Malleable W.L. -12cm, 4mm cupped jaws	2
28.	Forceps	Cupped jaws vertical opening, 65° upturned, L-18cm jaws dia 3mm	2
29.	Forceps	Horizontal opening	1
30.	Punch	Circular cutting L-18cm, Dia 3.5 mm	1
31.	Punch	Circular cutting L-18cm, Dia 4.5 mm	1
32.	Nasal forceps	45° upturned L-13cm, size-1	2
33.	Reusable Suction shaver blade	Serrated cutting edge dia 4mm L-12cm	1
34.	Reusable Suction shaver blade	Concave cutting edge oval cutting opening dia 4mm. L-12 cm	1
35.	Reusable Suction shaver blade	Smooth cutting edge rectangular cutting opening dia 4mm, L-12cm	1
36.	Reusable Suction shaver blade	Full radius smooth cutting edge dia 4mm, L-12cm	1
37.	HD color Monitor	17 inch high resolution , 6 mega pixel	1
4.	<u>MICRO EAR SURGERY INSTRUMENTS</u>	TECHNICAL SPECIFICATIONS: The set should contain - <ol style="list-style-type: none"> 1. Sickle knife 2. Ring Curette 3. House Curette 4. Hook 5. Flap Knife 6. Straight Needle (Perforator) 7. Malleus Nipper 8. Knife for meatal skin incision 9. Bayonet Shaped Elevators for meatal wall 	

		<ol style="list-style-type: none"> 10. Curette for tympanic ring 11. Fine probe for testing the movement of Foot plate of Stapes 12. Mobilisers for severing adhesions involving stapes 13. Oval Scoop 14. Oval window fenestrator 15. Fine suction with stilette 16. Hartman aural dressing forceps 17. Micro-scissors 18. Graft holding forceps or crocodile forceps 19. Straight cup forceps- 2 mm 20. Upturn cup forceps- 2 mm 21. Down turn cup forceps- 2 mm 22. Right side cup forceps- 2 mm 23. Left side cup forceps- 2 mm 24. Canal Mastoid retractor 25. Tympanoplasty knife 26. Micro elevator 27. Right angle pick 28. 45 degrees pick 29. Small curved pick 30. Horizontal knife 31. Rosen's Myringotomy knife 32. Incus Holding Forceps 33. <u>Thumb Rest Elevator</u> 34. Alligator forceps- 2 mm
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5.	<u>FLEXIBLE FIBROPTIC BRONCHOSCOPE</u> <u>PE</u>	a) <u>FIBROPTIC BRONCHOSCOPE</u>											
		<table border="1"> <tr> <td>Working Length</td> <td>600 mm</td> </tr> <tr> <td>Tip deflection up and down</td> <td>180° Up & 130° Down</td> </tr> <tr> <td>Field of View</td> <td>120°</td> </tr> <tr> <td>Distal end</td> <td>5.9 mm</td> </tr> <tr> <td>Insertion tube diameter</td> <td>6 mm</td> </tr> <tr> <td>Diameter of instrument channel</td> <td>2.8mm</td> </tr> </table>	Working Length	600 mm	Tip deflection up and down	180° Up & 130° Down	Field of View	120°	Distal end	5.9 mm	Insertion tube diameter	6 mm	Diameter of instrument channel
Working Length	600 mm												
Tip deflection up and down	180° Up & 130° Down												
Field of View	120°												
Distal end	5.9 mm												
Insertion tube diameter	6 mm												
Diameter of instrument channel	2.8mm												
		b) <u>HALOGEN LIGHT SOURCE</u>											
		Illumination : Lamp - 150 w halogen Lamp life - 50 hours continuous use Power requirement : Voltage : 120/230/240 VAC Frequency : 50/60 Hz Power consumption : 200 VA Air feeding : Pump type : Vibrator pump type Pump Pressure : 41-62 kPa Classification (Electro Medical Equipment) Type of Protection Against electric shock : Class-1 (3 core cord) Degree of protection : Type BF, Incorporates insulated											

		Against electric shock : Patient attachment Degree of pretection : Flammable gases Auxiliary Socket : Interchangeable Dimensions : 135 (W)X 165(H) X 270(D) mm/5.3(W) X 6.5(H) X 10.6(D) in Weight : 6 kg / 13.2 lb c) <u>ACCESSORIES REQUIRED</u> 1 Biopsy forcep, double action jaws flexible, 1 mm, length 110 cm 1 Grasping forcep, double action jaws flexible 1 mm, length 110 cm 1 Pressure compensation cap for ventilation during gas sterilization 1 Leakage tester with bulb and manometer Cleaning brush for 52 mm instrument channel one mouth piece Optical biopsy forcep for use with telescopes Rigid suction table with rubber tip working length 50 cm straight and curved Sponge notice spring holder working length 50 cm Radioopaque plastic tubing for aspiration , 7 fr , 5 m coil with adopter.																			
6.	<u>FLEXIBLE FIBROPTIC OESOPHAGOC OPE WITH STANDARD SET OF ACCESSORIES</u>	<table border="1"> <tr> <td rowspan="2">Optical System</td> <td>Field Of View</td> <td>140°</td> </tr> <tr> <td>Direction Of View</td> <td>Forward</td> </tr> <tr> <td>Insertion Tube</td> <td>IT Diameter</td> <td>5.1mm</td> </tr> <tr> <td rowspan="2">Angulation</td> <td>Up</td> <td>210°</td> </tr> <tr> <td>Down</td> <td>120°</td> </tr> <tr> <td>Length</td> <td>Working Length</td> <td>60cm</td> </tr> <tr> <td>Biopsy Channel</td> <td>Channel Size</td> <td>2.0mm</td> </tr> </table> <p>With standard accessories</p>	Optical System	Field Of View	140°	Direction Of View	Forward	Insertion Tube	IT Diameter	5.1mm	Angulation	Up	210°	Down	120°	Length	Working Length	60cm	Biopsy Channel	Channel Size	2.0mm
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7.	<u>ENT CRYOSURGICAL SYSTEM</u>	Cryosurgical unit for interventional ENT procedures a) Coolant N ₂ O or CO ₂ b) Operating pressure 40-60 bar c) Gas consumption 35-50 g/min d) Mounted on mobile portable cart e) Should have different kind of cryo probes for future upgrade : minimum 5 types of ENT probe should be available and also flexible cryoprobe for flexible applications f) The unit should have electronic LED indication for freezing and thawing cycles g) The unit should have analog meter to indicate the pressure of gas in the cylinder h) Explosion proof foot switch i) Supplied with all the required connections such as gas hose , cylinder connectors j) All necessary cables and connectors k) Power : 220-240 V, 50 Hz l) Cryoprobes for supply . Cryo ENT probe , rigid,angled,tip 3X5 mm, round tip - 1 no. . Cryo ENT probe, rigid, angled, tip 2x2 mm, round tip - 1 no.																			
8.	<u>NERVE STIMULATOR/ MONITOR</u>	Current output: 0.0 to 10.0 milliamperes (mA) measured across a 1K ±1% resistive load. Tolerance at 0.0 indicated, with a residual current of 0.05 mA, is ±0.005																			

		<p>mA. Tolerance at 10.0 mA is ± 0.4 mA.</p> <ul style="list-style-type: none"> • Pulse width: 0.0006 seconds \pm 20 microseconds. • Pulse off time: 0.1660 seconds.1 • Pulse frequency: 0.1666 seconds \pm 5 milliseconds. • Dial accuracy: Linear down to 0.15 mA, residual current of 0.05 mA at 0.0 indicated. • Batteries: Four 1.5-volt alkaline C cells. • Battery life: 200 hours continuous use between replacement. • Size: 8.5 x 9 x 3 inches (21.6 x 22.8 x 7.6 cm). • Weight: 4 pounds (1.82 kg). <p>SYSTEM COMPONENTS</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Single Use or Reuse</th> <th>Sterile</th> <th>Repairabl</th> </tr> </thead> <tbody> <tr> <td>1. Nerve Stimulator</td> <td>Reuse</td> <td>None²</td> <td>Yes</td> </tr> <tr> <td>2. Bipolar Clinical Probe</td> <td>Reuse</td> <td>None²</td> <td>No</td> </tr> <tr> <td>3. Electrode Cream, 5 oz.</td> <td>Single</td> <td>N/A</td> <td>No</td> </tr> <tr> <td>4. Carrying Case</td> <td>Reuse</td> <td>N/A</td> <td></td> </tr> </tbody> </table>	Item	Single Use or Reuse	Sterile	Repairabl	1. Nerve Stimulator	Reuse	None ²	Yes	2. Bipolar Clinical Probe	Reuse	None ²	No	3. Electrode Cream, 5 oz.	Single	N/A	No	4. Carrying Case	Reuse	N/A	
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9.	HIGH DEFINITION DIGITAL CAMERA WITH RECORDING SYSTEM	<ul style="list-style-type: none"> -Zoom lever shooting -Audio video output/ Digital terminal -Microphone and speaker -HDMI terminal -Still images with videos -Recording system 																				