



All India Institute of Medical Sciences Jodhpur

Date: - 17/10/2013

CORRIGENDUM

Tender

For

Common Surgical Equipments

NIT Issue Date : September 02, 2013.
Pre Bid Meeting held on : September 19, 2013 at 03:00 PM
Initial Date of Submission : October 02, 2013 at 03:00 PM
Revise Last date of Submission : October 31, 2013 at 03:00 PM

ANNEXURE 'A'

List of Items:

S.No	NIT No.	EMD (in Rs.)	Item Description	Delivery Period (in Days)
1	Admin/General/227/2013-AIIMS.JDH	1,60,000	O.T. Light	60
2	Admin/General/228/2013-AIIMS.JDH	1,48,000	O.T Table	60
3	Admin/General/229/2013-AIIMS.JDH	3,500	Suction Machine	60
4	Admin/General/230/2013-AIIMS.JDH	30,000	Electrosurgery Diathermy Unit with vessel sealer & accessories	60
5	Admin/General/231/2013-AIIMS.JDH	72,000	Electrosurgery Diathermy Unit with accessories	60
6	Admin/General/232/2013-AIIMS.JDH	6,800	Surgeons Operating Stool Adjustable	60
7	Admin/General/233/2013-AIIMS.JDH	1,68,000	High Definition Laparoscopy System	60
8	Admin/General/234/2013-AIIMS.JDH	36,000	Instruments & Accessories for Laparoscopy system	60

9	Admin/General/235/2013-AIIMS.JDH	40,000	Microdrill Set	60
10	Admin/General/236/2013-AIIMS.JDH	32,000	Omni Tract Retractor	60
11	Admin/General/237/2013-AIIMS.JDH	96,000	Ultrasonic cutting device with combined generator	60
12	Admin/General/238/2013-AIIMS.JDH	30,000	Instruments for basic surgical procedures	60
13	Admin/General/239/2013-AIIMS.JDH	1,60,000	Instruments for advanced surgical procedures	60
14	Admin/General/240/2013-AIIMS.JDH	12,000	LED Head Light For Surgery	60
15.	Admin/General/241/2013-AIIMS.JDH	4,000	Binocular Loupes with LED Loupe Light	60

The following revised and additional terms & conditions will be added:-

1. Terms & Conditions:

a) Delivery and Installation:

i) For goods supplied from India:

All the goods ordered shall be delivered and Installed at AIIMS, Jodhpur within the delivery period mentioned in Annexure 'A' from the date of issue of purchase order.

ii) For goods imported directly from abroad:

All the goods ordered shall be delivered and Installed at AIIMS, Jodhpur within the delivery period mentioned in Annexure 'A' from the date of opening of Letter of Credit for shipment.

All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 2% per week of the total order value shall be levied subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied items at AIIMS Jodhpur. The goods should be manufactured after adoption of latest technology

If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform AIIMS, Jodhpur in writing about the same and its likely duration and make a request to AIIMS, Jodhpur for extension of the delivery schedule accordingly. On receiving the supplier's communication, AIIMS, Jodhpur shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

b) Incidental Services:

The supplier shall be required to perform the following services:-

- i) Installation & Commissioning, Supervision and Demonstration of the goods.
- ii) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- iii) On Site training to Doctors/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment to the satisfaction of the user department.

- iv) Supplying required number of operation & maintenance manual for the goods.
- v) To provide non-locked open software and standard interface inter-operability conditions for networked equipments in hospital management information system, wherever applicable.

c) Accessories & Consumables:

The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Financial Bid.

d) After Sales Service:

After sales service centre should be available on 24 (hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24 hrs to ensure an uptime of minimum 95%, wherever applicable, failing which the necessary penalty measures shall be enforced.

e) Inspection:

- (i) AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the AIIMS, Jodhpur.
- (ii) AIIMS, Jodhpur right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by AIIMS, Jodhpur prior to the goods shipment.
- (iii) The Director, AIIMS Jodhpur shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
- (iv) No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.

f) Documents:

- (i) All pages of the Tender should be numbered and indexed.
- (ii) The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the AIIMS, Jodhpur in the tender documents. For this purpose the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the AIIMS, Jodhpur in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.
- (iii) The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last one year.

g) Insurance:

The supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.

If the equipment is not commissioned and handed over to AIIMS, Jodhpur within specified period, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the AIIMS, Jodhpur.

h) Tender Currencies:

- (i) The bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees. Further, imported goods to be imported and supplied by the bidder are also required to be quoted in Indian Rupees.
- (ii) For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any, required with the goods, the same shall be quoted in Indian Rupees only, if such services are to be performed /undertaken in India.
- (iii) Tenders, where prices are quoted in any other way shall be treated as non-responsive and rejected.

i) Tender Prices:

In place of Financial Bid performa given earlier in Annexure D of NIT, the performa given in Annexure of Corrigendum should be used.

While filling up the columns of the Financial Bid, the following aspects should be noted for compliance:

For domestic goods or goods of foreign origin located within India, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- (i) the price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/ VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
- (ii) any sales tax or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
- (iii) charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Financial Bid;
- (iv) the price of Incidental Services, as mentioned in List of Requirements and Financial Bid;
- (v) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- (vi) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

For goods offered from abroad, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- (i) the price of goods quoted FOB port of shipment, as indicated in the List of Requirements and Financial Bid;
- (ii) the price of goods quoted CIF port of entry in India as indicated in the List of Requirements and Financial Bid;
- (iii) the price of goods quoted for delivery at AIIMS, Jodhpur as indicated in the List of Requirements, Financial Bid and Consignee List;
- (iv) wherever applicable, the amount of custom duty with CDEC applicable on CIF value on the goods to be imported;
- (v) the charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to AIIMS, Jodhpur, as specified in the List of Requirements and Financial Bid;
- (vi) the charges for Incidental Services, as in the List of Requirements and Financial Bid;

- (vii) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- (vii) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

Additional information and instruction on Duties and Taxes:

If the Bidder desires to ask for excise duty, sales tax/CST / VAT/ CENVAT, Custom Duty, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

Excise Duty:

(i) If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.

(ii) If a Bidder chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the Bidder must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.

(iii) Subject to sub clauses (i) & (ii) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the AIIMS, Jodhpur by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

Sales Tax:

If a bidder asks for sales tax/CST / VAT/CENVAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The CST / VAT/CENVAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax/ CST / VAT/CENVAT, Service Tax and Works Contract Tax and is payable as per the terms of the contract.

Octroi Duty and Local Duties & Taxes:

Normally, goods to be supplied to Government departments against Government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government department.

Keeping this in view, the supplier shall ensure that the goods to be supplied by the supplier against the contract placed by the AIIMS, Jodhpur are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the AIIMS, Jodhpur.

However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and

possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the AIIMS, Jodhpur to enable the AIIMS, Jodhpur reimburse the supplier and take other necessary action in the matter.

Customs Duty:

In respect of imported goods offered from abroad, the bidder shall specify the rate as well as the total amount of customs duty payable with Custom Duty Exemption Certificate, if applicable, on the quoted goods in the Financial Bid. The bidder shall also indicate the corresponding Indian Customs Tariff Number applicable for the goods.

(i) For transportation of imported goods offered from abroad, relevant instructions as incorporated shall be followed.

(ii) For insurance of goods to be supplied, relevant instructions as provided shall be followed.

(iii) Unless otherwise specifically indicated in this NIT document, the terms FCA, FOB, FAS, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.

(iv) The need for indication of all such price components by the bidders, as required in this clause is for the purpose of comparison of the tenders by the AIIMS, Jodhpur and will no way restrict the AIIMS, Jodhpur right to award the contract on the selected bidder on any of the terms offered.

j) Indian Agent

If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, shall also furnish the following information:

(i) The complete name and address of the Indian Agent and its Permanent Account Number as allotted by the Indian Income Tax authority.

(ii) The details of the services to be rendered by the agent for the subject requirement.

(iii) Details of Service outlets in India, nearest to the AIIMS, Jodhpur to render services during Warranty and CMC period.

k) Firm Price

(i) Unless otherwise specified in the NIT, prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.

(ii) However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated will apply.

l) Conversion of tender currencies to Indian Rupees

In case the bid document permits the bidders to quote their prices in different currencies, all such quoted prices of the responsive bidders will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the closing exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Last Date of Submission of Tender'.

m) Payment Terms:

Payment for goods supplied from India:

(i) 90% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the inspection report.

(ii) Balance 10% of the order value shall be released after the submission of the performance security.

Payment for Imported goods:

For imported goods payment shall be made in the following manner:

a) On shipment:

75 % payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents:

- (i) Four copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
- (iii) Insurance Certificate;
- (iv) Certificate of origin by the chamber of commerce of the concerned country;
- (iv) Certificate of country of origin;
- (v) Manufacture's / Supplier's warranty certificate;
- (vi) Manufacturer's own factory inspection report.

b) On Acceptance:

15 % payment would be made after satisfactory installation & commissioning on issuance of Inspection certificate by the AIIMS, Jodhpur.

c) Balance 10% will be paid on submission of Performance Bank Guarantee issued by any Nationalised Bank/ Scheduled Bank.

- The supplier shall not claim any interest or any other payment under the contract.

n) Custom Clearance:

For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid.

The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. Transportation of goods up to AIIMS, Jodhpur and its successful installation and commissioning is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier. NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC.

o) Page No.4, Point No.08:

For:

Performance Security: The supplier shall require to submit the performance security in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Nationalised Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 30 day beyond completion of all the contractual obligation, Including CMC period.

Read as:

Performance Security: The supplier shall require to submit the performance security in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Scheduled/ Nationalised Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 30 day beyond completion of all the contractual obligation, Including CMC period.

p) Preparation and Submission of Tender:

The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers "Technical Bid for Tender for Supply of" and "Financial Bid for Tender for Supply of..... ". Both Sealed Envelopes should be kept in a main/ bigger envelope superscribed as "Tender for Supply of " .

Annexure-D

Financial Bid

A) FINANCIAL BID FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA OR GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES

1	2	3	4	5							6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at AIIMS-Jodhpur) basis (Rs.) = {4 x 5(g)}
				Ex - factory/ Ex-warehouse /Ex-showroom /Off-the shelf (a)	Excise Duty(if any) [%age & value] (b)	Sales Tax/ VAT(if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance, loading/ unloading and Incidental costs till AIIMS-Jodhpur (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur (f)	Unit Price (at AIIMS-Jodhpur) basis (g)= (a+b+c+d+e+f)	

Total Tender price in Rupees: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately.
3. The Bidder must quote price for "GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES" after having taken in to account, the provision of Custom Duty Exemption Certificate (CDEC) by the Purchaser, as per Customs Tariff Act.

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Financial Bid

B) FINANCIAL BID FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5				6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)				Total price on Destination + Insurance (local transportation and storage) = {4X 5 (d)}
				FOB price at port/ airport of Lading (a)	Carriage & Insurance (port of loading to port of entry) and other Incidental costs** (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur ** (c)	Unit Price on DDP AIIMS-Jodhpur + Extended Insurance (local transportation and storage) (d) = a+b+c	

** To be paid in Indian Currency (Rs.)

Total Tender price in foreign currency: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted.
3. The Bidder will be fully responsible for the safe arrival of the goods at AIIMS-Jodhpur in good condition as per terms of DDP as per INCOTERMS, if applicable.

Indian Agent:

Indian Agency Commission - ____% of FOB

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Financial Bid

C) FINANCIAL BID FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD:

1. S.No.	2. DESCRIPTION OF GOODS	3. QUANTITY. (Nos.)	4. Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					5. Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1 st	2 nd	3 rd	4 th	5 th	
			a	b	c	d	e	

* After completion of Warranty period.

Service Tax: Whether extra or inclusive, if extra, indicates the rate_____.

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted as per NIT conditions on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. All software updates should be provided free of cost during CMC period.
6. The stipulations in Technical Specification will supersede above provisions
7. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Specifications
Annexure B

1. O.T. Light System

Page No.6, Para 6:

For

Colour Temperature: 3500-5500 K.

Read

Should have variable Colour Temperature: 3500-5500 K.

Page No.6, Para 10:

For

Depth of illumination should be 100-140 cms. or more.

Read

Depth of illumination should be 100-140 cms. or more for main & satellite dome.

Page No 6, Para 11:

For

Illuminated field diameter should be approx. 12-30 cms.

Read

Illuminated field diameter should be approx. 20-30 cms.

Page No.6, Para 18:

For

User selectable intensity variation with digital display from 5 to 100% in 6 or more steps”

Read

User selectable intensity variation with digital display from 30 to 100% in 6 or more steps”

Page No.6, Para 19:

For

There should be inbuilt camera in OT light.”

Read

There should be inbuilt HD camera in main dome of the OT light in only **one OT light out of five OT lights. All bidders should quote for four OT lights without camera and one OT light with inbuilt HD camera, LCD monitor and recorder separately.**

Specification of HD camera and LCD monitor and Recorder are as follows:

a) Camera system:

- It should be compatible with the quoted LED OT light.
- It should have a **High definition Camera** (which can install in handle of light dome) with facility for autofocus, zoom (10X optical and 12x digital), Picture stabilization, white balance, and picture rotation with both motorized and sterile control, Video streaming through LAN etc.
- It should give simple and safe transmission of high-resolution video data in 1080p, enabling transmission over large distances.
- It should be supplied with recording system.
- It should have multi-functional camera solution that satisfies all requirements regarding modern communications systems. Easy storing of video sequences on USB stick
- It should have live streaming over available local networks or the internet Modular construction and intuitive handling support you perfectly during the clinical work day.
- It should combine internal as well as external interfaces as a part of the clinical work day. This makes interactive cooperation between OR and auditorium room.
- It should have integrated, bi-directional audio transmission making direct communication between OR and external observers possible. The digital streaming function makes live transmissions from the OR across existing network infrastructures easy, avoiding additional installation effort – whether viewers are in local auditoriums or sitting at monitors on the other side of the world. In conventional PAL/NTSC resolution, or even in HD quality
- It should give best commercial video standard. With five times more pixels than the conventional PAL signal, details don't get lost in the flicker-free image, in the representation in 16:9 format or the optional progressive scan DVI output. Automatic synchronization of the color temperature between OR surgical lighting, camera module and monitor provides natural, realistic color rendering. This provides more security during consultation and remote diagnosis, as well as realistic impressions in auditoriums
- When recording OR snapshots or video sequences, it should be simple-to-operate, flexible tool: data can be stored directly on a USB memory stick via the USB 2.0 interface that is integrated in the control unit. This way, data can be further processed on a PC or laptop for reports, presentations or e-mails from the OR.

Specification of Camera

Resolution	
Resolution	2.000.000 pixels
Horizontal resolution interlaced (all)	1080 rows
Horizontal resolution progressive (DVI only)	1080 rows
Ratio	16:9
Lens	
Focal length f	5,1 mm - 51 mm
Max. aperture diameter F	1,8 - 2,1
Zoom	
Optical	10 x
Digital	12 x
Signal/noise ratio	> 50 dB
Electric shutter	
Shutter time (PAL)	1/3 s - 1/10.000 s
Shutter time, steps (PAL)	20
Shutter time (NTSC)	1/4 s - 1/10.000 s
Shutter time, steps (NTSC)	20
Motorised image reorientation	> 360 °
Video signal outputs	1 x HD-SDI, 1 x 3G-SDI, 2 x DVI-D (mit 1 x optischem Adapter), 1 x YUV, 1 x Y/C (nur SD Format), 1 x FBAS (nur SD Format), 1 x RJ 45

b) LCD/LED Monitor

High resolution medical grade monitor compatible with camera and supplied by the OT Light manufacturer Size: 56 cm approx.

c) HD RECORDING WITH VIDEO CONFERENCING SYSTEM

It should have real time HD recording from HD/SD Endo or other camera with good resolution capacity. It should have facility to record video directly on USB HDD or Pen Drive. It should have multiple video inputs. It should have IR remote control. It should supports source video selection through push button or IR remote control. Audio & Video with other system should be provided for interaction between surgeon and audience in conference hall. The inbuilt capacity of the recorder should be at least 1 TB.

Page No.6, Para 20:

For

It should have provision for using it during minimally invasive surgery {maintaining the correct vision of the screen}.”

Read

It should have a back light or ENDMode to allow appropriate visibility of the screen.

Page No.7, Point h:

For

Equipment should be US FDA or European CE approved /certified.

Read

Equipment should have US FDA and European CE approved /certified.

2. OT TABLE

General operating table features:

Page No.7, Point 8:

For

The robust handset should offer controls Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension ,Height functions , table top longitudinal slide (towards head and Leg) of minimum 360mm.

Read

The robust handset should offer controls Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension ,Height functions , table top longitudinal slide (towards head and Leg) of minimum 250mm.”

Page No.7, Point 9:

For

Hyraullic Brakes, on all 4 no.'s corners having Wheels for mobility and 360° rotation appllied through hand set.

Read

Hyraullic Brakes, on all 4 no.'s corners having Wheels for mobility and 360° rotation appllied through hand set/manual operated.

Electrical specification:

Page No.8,

In Table top longitudinal slide

For

Minimum 360mm

Read

Minimum 250mm

Page No.8,

In Minimum height (without mattress)

For

650-690 mm

Read

600-700 mm

Page No.8,

Maximum height (without mattress)

For

1100-1150 mm

Read

900 mm-1200 mm

Add Line in the specifications:

- a) There should be Zero position/ Neutral position button in hand piece as well table display menu.
- b) Preferably there should be option for USB service port/ RS 232 port

3. Suction Machine with pump (Electrical)

Page No9, Para 7:

For

Two jars of minimum capacity 3 litres, reusable and autoclavable'

Read

Two jars of minimum capacity > 2.5 litres, reusable and autoclavable.

4. Electrosurgical cautery with vessel sealing device and Accessories

Page 11, Box No 18:

For

The Equipment Should be US **FDA or European CE approved'**

Read

The Equipment Should be US **FDA & European CE approved'**

Page No.11, Box No 20:

For

Accessories to have individual/combo footswitches for Monopolar, Bipolar and vessel sealing.

Read

All accessories should be reusable and should to have individual/combo footswitches for Monopolar, Bipolar and vessel sealing and should be from same manufacturer as the generator.

Page No.11, Box 20, Bullet No.1:

For

Rubber/disposable Silicone patient plate (paediatric and adult) – 2 each

Read

Rubber/disposable Silicone patient plate (paediatric and adult) – Rubber 2 each/ Disposable silicone plate 20 in no.

Page No.11, Box 20, Bullet No 02:

For

Monopolar forceps with hand control with accessories'

Read

Monopolar pencil with hand control with accessories'

Page 12, Box 1:

For

All **Laparoscopic instruments** should have facility for both 5 mm and 10 mm and should have a **blade** for instant cutting.

Read

All **Laparoscopic instruments** of size 5mm/10mm should be preferably reusable and should have a **blade** for instant cutting. 2 in numbers.

Add in specifications:

All open vessel sealing instrument should be reusable & from same manufacturer. 5 no.

5. ELECTRO SURGICAL DIATHERMY UNIT WITH ACCESSORIES

Page 12, Box 10:

For

System compatible with other devices, including:

- a. Argon coagulation system.
- b. Ultrasonic surgical aspirators.
- c. Smoke evacuator
- d. Bipolar current monitor'

Read

System compatible with other devices, including:

- a. Argon coagulation system.
- b. Smoke evacuator
- c. Bipolar current monitor'

Page No. 12, Box No. 11:

For

Compatible with and used as the electrosurgical energy source for:

- a. Control RF ablation system.
- b. Electro blade rotary resection system
- c. Pacemaker lead extraction system.

Read

Deleted

Page No. 12, Box No 12:

For

Compatible with and the exclusive electrosurgical generator for the computer Motion herms voice command system.'

Read

Deleted

Page 13, Box No 16:

For

Accessories

Read

Accessories. Should be from same manufacturer and reusable.'

Page No.13, Box No.16, Accessories, Bullet No.2:

For

Monopolar forceps with hand control with accessories'

Read

Monopolar pencil with hand control with accessories'

Page No.13, Box No 17:

For

The Equipment should be US FDA or European CE approved

Read

The Equipment should be US FDA & European CE approved.

Add in the specifications:

Distributor should have authorization certificate from manufacturer.

7 High Definition Laparoscopy System

Add in the specifications: 'ALL the components of ENDOVISION system should be from same manufacturer.

1. Specifications for Full High Definition Digital Camera

Page No.15, Para 3:

For

It should be compatible with Aspect ratio of 4:3 and 16:9'

Read

It should be compatible with Aspect ratio 16:9'

Page No.15, Para 7:

For

Video Outputs: two DVI, one SVHS and one (optional) direct fiber optic output'

Read

Video Outputs: two DVI, one SVHS and one HD serial digital interface direct fiber optic output'

Page No.15, Para 10:

For

Should be USFDA or European CE approved.'

Read

Should be USFDA & European CE approved.'

Page No.15, In Technical Specifications:

For

Video output:

S-video signal

Digital Video Interface

Read

Video output: S-video signal, Digital Video Interface, one HD serial digital interface direct fiber optic output

2. High Resolution Monitor

Page 15, Para. 6:

For

Max. Resolution of 1920X1080'

Read

Max. Resolution of 1920X1080 P.'

Page No.15, Para.9:

For

HD medical grade Monitor with Screen diagonal – 26".

Read

HD medical grade Monitor Screen diagonal – 23"-26".

Page No. 15, Para 14:

For

Reaction Time – 8ms

Read

Reaction Time upto 8ms

Page no. 16, Para 7:

For

Should be USFDA or European CE approved.

Read

Should be USFDA & European CE approved.

3. LED Light Source

Title

For

LED Light Source

Read

LED/ XENON Light Source

Para 4:

For

Light Engine: Red, Green & Blue LED's'

Read

Light Engine: Red, Green & Blue LED's / XENON Light'

Para 6:

For

Intuitive simple user interface with LCD touch screen'

Read

Intuitive simple user interface with LCD/LED touch screen'

Para 9:

For

More than 5000 Hours bulb life'

Read

More than 5000 Hours bulb life for LED / > 500 hrs for xenon sources'

Para 11:

For

Should be USFDA or European CE approved.'

Read

Should be USFDA & European CE approved.'

Add in the specifications for Light Source
10 no. spare xenon bulbs if there is xenon light source.

4. Fiber Optic Light Cable

For

Size should be diameter > 3.5mm, length 300 cm

Read

Size should be diameter > 4.5mm, length 300 or more cm.

5. Insufflator

Page No.16, Para.1:

For

Flow rate 35- 45 Liter/mints

Read

Flow rate 30- 45 Liter/minutes

Page No.16, Para.2:

For

High flow with LCD display

Read

High flow with LCD/LED display.

Page No.16, Para 5:

For

Should have Neonatal mode & visual and audible alarms with min 0.1 L flow rate'

Read

Should have safety feature as visual and audible alarms with min 0.1 L flow rate'

Page No.16, Para 9:

For

Should have video on screen display

Read

Deleted

Page No.17, Para 02:

For

Should be USFDA or European CE approved.

Read

Should be USFDA & European CE approved.

6. Laparoscope:

Page No.17, Para 1:

For

Wide Angle Full Screen, Autoclavable, Forward-Oblique and lateral scope

Read

Wide Angle Full Screen, Autoclavable straight forwards & Forward-oblique

Page No.17, Para 5:

For

Length 30 cm

Read

Length 30-33 cm.

Page No.17, Para 9:

For

Should be USFDA or European CE approved.

Read

Should be USFDA & European CE approved.

5. High Definition Digital Documentation System (Recorder System)

Page No.17, Para 1

For

The system should have:

Read

The system should be medical grade.

Page No.17, Para 4

For

Should have video inputs minimum 2 nos. S-Video, 2 nos. Composite, 1 XGA (1024 X 768) and 1 High-Definition (1280 X 1024).

Read

Should have video inputs minimum 2 nos. S-Video, 2 nos. Composite, 1 XGA (1024 X 768) and 1 High-Definition (1920 X 1080 p)

Page No.17, Para 5

For

Should have video outputs S-Video, Composite, DVI & XGA (1024 X 768, 1280 X 1024, and 1600 X 1200)

Read

Should have video outputs S-Video, Composite, DVI & XGA (1024 X 768, 1280 X 1024, and 1600 X 1200) & 1920x 1080 p.

Page No.17, Para 6

For

Should be capable of Progressive scan image capture: Analog (640 x 480), Hi-Res (1024 X 768), and Hi-Def (1280 X 1024)

Read

Should be capable of Progressive scan image capture: Analog (640 x 480), Hi-Res (1024 X 768), and Hi-Def (1920X 1080p)

Page No.17, Para 8

For

Should have Disc Capacity of 250 GB/1 Tera bite

Read

Should have Disc Capacity of 1 Terabytes

Page No.17, Para 9

For

Should have touch screen (min 10”) control panel interface

Read

Deleted

Page No.18, Para 4:

For

Should be USFDA or European CE approved.

Read

Should be USFDA & European CE approved.

Add in the specifications of digital recorder:
'RAM should be 3GB or more
Operating system should be windows Xp or higher to it
Pc data base recording facility should be inbuilt'

8. INSTRUMENTS & ACCESSORIES FOR LAPAROSCOPY SET

Page No.18, Box No.1:

In Trocar & Cannula

For

Cannula size: 11 mm diameter

Read

Cannula size: 10-11 mm diameter

Page No.18, Box No.2:

In Trocar & Cannula

For

Cannula size: 5 mm diameter

Read

Cannula size: 5-6 mm diameter

Page No.18, Box No 6:

In Grasping Forcep Fenestrated

For

Length between 35-36cm, size: 5.0mm.'

Read

Length between 33-36cm, size: 5.0mm.'

Page No.18, Box No 7:

In Grasping Forcep Fenestrated curved Fundus grasper:

For

Length between 35-36cm, size: 5.0mm'

Read

Length between 33-36cm, size: 5.0mm'

Page No.19, Box No 2:

In Bowel Grasping Forcep:

For

Bowel Grasper fenestrated, size: 5.0mm, length 5-36cm, handle with ratchet, insulated shaft.'

Read

Bowel Grasper fenestrated, size: 5.0mm, length 33-36cm, handle with ratchet, insulated shaft & Jaw length 5 cms.

Page No.19, Box No 3:

In Unipolar curved Right angle dissecting and Grasping Forcep:

For

Kelly curved dissecting and grasping forceps insulated, atraumatic, working length 36 cm, size: 5mm, dismountable into handle, insert and working tube. Handle without ratchet.

Read

Kelly curved dissecting and grasping forceps insulated, atraumatic, working length **33-36** cm, size: 5mm, dismountable into handle, insert and working tube. Handle without ratchet.

Page No.19, Box No 8, In Scissor curved Unipolar:

For

METZENBAUM curved scissor, length of blade 12mm, connection for unipolar HF cable, dismountable into insert, tube and handle. Working length 36 cm, size: 5mm, handle without ratchet.

Read

METZENBAUM curved scissor, length of blade 12mm, connection for unipolar HF cable, dismountable into insert, tube and handle. Working length **33-36** cm, size: 5mm, handle without ratchet.

Page No.20, Box No 2:

For

J Shape Hook -5 mm ,33cm monopolar

Read

J Shape Hook -5 mm, **33-36** cm monopolar

Page No.20, Box No 3:

For

Debakay Forceps- 5 mm,33 cm

Read

Debakay Forceps- 5 mm,**33-36** cm

Page No.20, Box No 4:

For

Alligator jaw forcep, 33cm

Read

Alligator jaw forcep, **33-36** cms

Page No.20, Box No 7:

For

Heavy Duty Robust Bipolar Forcep length: 36cm, 5 mm rotating dismantable, preferably wide jaw with spare insert and handle. Suitable bipolar HF cable 2 Nos. to be included along with it.

Read

Heavy Duty Robust Bipolar Forcep length: **33-36cm**, 5 mm rotating dismantable, preferably wide jaw with spare insert and handle. Suitable bipolar HF cable 2 Nos. to be included along with it.

Page No.20, Clip Applicator: ,Box No 9:

For

Medium Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.

Read

Medium Large clip applicator dismantable rotating size: 10mm, length **33-36cm**, for Titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.

Page No.20, Box No 10:

For

Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.

Read

Large clip applicator dismantable rotating size: 10mm, length **33-36cm**, for Titanium clips with ratchet to lock the jaw holding the clip. It should be compatible with more than one brand.

Page No. 20, Box 11:

For

Haemolock clip applicator 10 mm size . It should be compatible with more than one brand.

Read

Deleted.

Page No. 20, Box 12:

For

Haemolock clip applicator 5 mm size . It should be compatible with more than one brand.

Read

Deleted.

Page No.20, Box No 13, In Washers:

For

5 & 10 mm cannula and reducers	Quantity For '01'
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Read

5 & 10 mm cannula and reducers	Quantity For '50'
--------------------------------	-------------------

Page No. 21, Box No.2:

For

Nathanson Liver retractor; Set of four sizes (45, 55, 78, 95 mm), sandblasted to eliminate light reflection.

Read

Deleted.

Page No. 21, Box No.5:

For

Colpotomiser – 11 mm, with insulated ball-shaped sphere, ø 40 mm and 35 mm consisting of Automatic Valve'

Read

Deleted.

Page No. 21, Box No 8:

For

All instruments should be USFDA or European CE approved'

Read

All instruments should be USFDA and European CE approved'

Page No. 21, Box No 9:

For

CO2 Cylinder: D type----with hose pipe and regulator and connector,

30 Kg. Carbon Dioxide bottle with pin index connection with wrench Quantity 02'

Read

CO2 Cylinder: D type----with hose pipe and regulator and connector,

5 Kg. Carbon Dioxide bottle with pin index connection with wrench Quantity 06'

Page 22, In 6.Video Trolley: Qty

For

2 for each set

Read

1 for each set

Page No 22, In 6. Video Trolley:

For

Suitable Medical Grade video trolley to be supplied for mounting equipments having minimum three self in addition to with one drawer, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. 5 Ampere socket, 10Nos, inbuilt with trolley to connect all electronic devices. CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Preferably from OEM.'

Read

Suitable Medical Grade video trolley to be supplied for mounting equipments having 4 or more shelf with average height of 10" with 1-2 drawers, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. 5 Ampere socket, 10Nos, inbuilt with trolley to connect all electronic devices. CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Preferably from OEM'

Added Points

- Additional video trolley 1 in no with each set.
- This trolley should be Indian made, good quality video trolley for each set.
- Trolley should have minimum 2 shelf & 2 or more drawers.
- Have good Indian standards.
- Provision for prior demonstration at AIIMS JODHPUR.

Additional specification

Haemolock clip applicator 10 mm size . It should be compatible with more than one brand & reusable	01
Haemolock clip applicator 5 mm size. It should be compatible with more than one brand.& reusable	01
Nathonson Liver retractor ; Set of four sizes (55, 78, 95 mm), sandblasted to eliminate light reflection.	01
Colpotomiser – 11 mm, with insulated ball-shaped sphere, ø 40 mm and 35 mm consisting of Automatic Valve	01

11. Ultrasonic Cutting Device

Page No 25, Ultrasonic Cutting Device, Para.3:

For

System should be USFDA or European CE approved.

Read

System should be USFDA and European CE approved

Page no.27, Heading of:

For

Open Surgical Instruments:

Read

Open Surgery Instruments:should be reusable

Page No.27, Heading of:

For

Laparoscopic Surgery Instruments

Read

Laparoscopic Surgery Instruments: should be reusable.

Add line in specification: Manufacturer/distributor having experiences of installation of minimum 5 sets in central government institute.

14. LED HEAD LIGHT FOR SURGERY

Page No. 35, Point No. 2:

For

Should have a built in Lithium Polymer pack with battery backup of atleast 3 hours.

Read

Should have a built in Lithium Polymer pack with battery backup of **atleast 6 hours**.

Add in the specifications

1. The minimum lux of light should be 50,000 lux or more than it.
2. The weight of LED set with battery should not > 300 gm.

**Administrative Officer
AIIMS Jodhpur**