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:

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

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

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 into 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: ____________________________

Corrigendum: - Common Surgical Equipments at AIIMS-Jodhpur
## Financial Bid

**B) FINANCIAL BID FOR GOODS TO BE IMPORTED FROM ABROAD**

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

**= \{4 \times 5 \times (d)\}**

**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:

<table>
<thead>
<tr>
<th>1. S.No.</th>
<th>2. DESCRIPTION OF GOODS</th>
<th>3. QUANTITY. (Nos.)</th>
<th>4. Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*</th>
<th>5. Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>a</td>
<td>b</td>
</tr>
</tbody>
</table>

* 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:                  Name:
Date:                  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

<table>
<thead>
<tr>
<th>Resolution</th>
<th>2.000.000 pixels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal resolution interlaced (all)</td>
<td>1080 rows</td>
</tr>
<tr>
<td>Horizontal resolution progressive (DVI only)</td>
<td>1080 rows</td>
</tr>
<tr>
<td>Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Lens</td>
<td></td>
</tr>
<tr>
<td>Focal length f</td>
<td>5,1 mm - 51 mm</td>
</tr>
<tr>
<td>Max. aperture diameter F</td>
<td>1,8 - 2,1</td>
</tr>
<tr>
<td>Zoom</td>
<td></td>
</tr>
<tr>
<td>Optical</td>
<td>10 x</td>
</tr>
<tr>
<td>Digital</td>
<td>12 x</td>
</tr>
<tr>
<td>Signal/noise ratio</td>
<td>&gt; 50 dB</td>
</tr>
<tr>
<td>Electric shutter</td>
<td></td>
</tr>
<tr>
<td>Shutter time (PAL)</td>
<td>1/3 s - 1/10.000 s</td>
</tr>
<tr>
<td>Shutter time, steps (PAL)</td>
<td>20</td>
</tr>
<tr>
<td>Shutter time (NTSC)</td>
<td>1/4 s - 1/10.000 s</td>
</tr>
<tr>
<td>Shutter time, steps (NTSC)</td>
<td>20</td>
</tr>
<tr>
<td>Motorised image reorientation</td>
<td>&gt; 360 °</td>
</tr>
<tr>
<td>Video signal outputs</td>
<td>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</td>
</tr>
</tbody>
</table>

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 support 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 ENDOmode 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
Hydraulic Brakes, on all 4 no.’s corners having Wheels for mobility and 360° rotation applied through hand set.
Read
Hydraulic Brakes, on all 4 no.’s corners having Wheels for mobility and 360° rotation applied 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:
- Argon coagulation system.
- Ultrasonic surgical aspirators.
- Smoke evacuator
- Bipolar current monitor

Read
System compatible with other devices, including:
- Argon coagulation system.
- Smoke evacuator
- Bipolar current monitor

Page No. 12, Box No. 11:
For
Compatible with and used as the electrosurgical energy source for:
- Control RF ablation system.
- Electro blade rotary resection system
- 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/minutes
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
Pt 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 Forceps:

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’ |
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

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haemolock clip applicator 10 mm size. It should be compatible with more than one brand &amp; reusable</td>
<td>01</td>
</tr>
<tr>
<td>Haemolock clip applicator 5 mm size. It should be compatible with more than one brand &amp; reusable</td>
<td>01</td>
</tr>
<tr>
<td>Nathanson Liver retractor ; Set of four sizes (55, 78, 95 mm), sandblasted to eliminate light reflection.</td>
<td>01</td>
</tr>
<tr>
<td>Colpotomiser – 11 mm, with insulated ball-shaped sphere, ø 40 mm and 35 mm consisting of Automatic Valve</td>
<td>01</td>
</tr>
</tbody>
</table>

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