



**INSTITUTE OF LIVER AND BILIARY SCIENCES**  
**D-1 VASANT KUNJ, NEW DELHI 110070**  
**(An autonomous society under the GNCT of Delhi)**  
**Telefax: 46095692**

File no F5(15)2009-10/Pur/PCM-4/

Dated:

**Open Tender Enquiry no. ILBS/OTE/2009/3 due on 18.05.09**

**Cost of Tender Set: - 500/-**

**(By non-refundable Demand Draft/ Pay Order in favour of Project Director, ILBS)**

On behalf of the Project Director, ILBS, the purchaser, sealed tenders are invited from manufacturers or authorized agents/ distributors for the supply of the following items strictly subject to the General conditions of contract (GCC) stipulated in this standard tender document.

OTE No.	Dept	Item	Qty	CMC+AMC (in years)	EMD (INR)
3/1	Critical Care	PFT system with diffusion study	1	5+5	30000
3/2	Critical Care	Transcranial Doppler Monitor	1	5+5	36000
3/3	Anesthesia	Ambulatory PCA Pumps	2	2+2	4000
3/4	Anesthesia	Patient Controlled Analgesia Pump	2	2+2	5000
3/5	Common User	LCD T.V. 32 Inches=20 nos. 50 Inches=2 nos	-----	2+2	20000
3/6	HPB Surg.	Head Light Mounted Camera System	2	3+2	6000
3/7	HPB Surg.	Multiple Purpose Container Holder with Containers	10	1+1	1400
3/8	HPB Surg.	Lighted Proctoscope	6	1+1	2400
3/9	HPB Surg.	Basin Stand with Heater	4	1+1	4000
3/10	HPB Surg.	Patient Heating Pad	2	2+2	2400
3/11	HPB Surg.	Anti- Pressure Gelpads for OT Table	4	1+1	3200
3/12	HPB Surg.	Mayo Instrument Trolley	4	1+1	2000
3/13	HPB Surg.	Bookwalter Retractor	1	1 year warranty inclusive	20000
3/14	HPB Surg.	Thompson's Abdominal Retractor	1	1 year warranty inclusive	26000
3/15	HPB Surg.	Organ Transport Box	1	2+2	6000
3/16	HPB Surg.	Swivel Stool without Backrest	8	2+2	3200
3/17	HPB Surg.	Swivel Stool with Backrest	8	2+2	4800
3/18	HPB Surg.	Mobile One Sided Shelf Racks With Baskets	4	1+1	4000
3/19	HPB Surg.	Surgical Patient Positioning System	2	2+2	4000
3/20	HPB Surg.	Adjustable Mobile Drip Stand With 4 Hooks	8	1+1	1600
3/21	HPB Surg.	OT Instrument Trolley	6	1+1	2400
3/22	HPB Surg.	Two Step Stool for OT	6	1+1	1200
3/23	HPB Surg.	Mayo Trolley Over OT Table	4	1+1	3200
3/24	HPB Surg.	Single Step Stool for OT	6	1+1	600
3/25	HPB Surg.	Laparoscopic Bipolar Forceps with Matching Diathermy Cable (Size 250m, 350m, 450m)	3	2+3	2100
3/26	HPB Surg.	Laparoscopic Bipolar Forceps with Axial Handle	2	2+3	1400
3/27	HPB Surg.	Bipolar Irrigation Forceps for Open Surgery	3	3+2	1200
3/28	HPB Surg.	Examination Lights	6	3+2	6000
3/29	HPB Surg.	Fluid and Blanket Warming Cabinet	2	2+3	16000
3/30	HPB Surg.	Operating Microscope	1	5+3	130000

3/31	Anesthesia/ Critical Care	Arterial Line Continuous Cardiac Output Monitor	2	3+3	16000
3/32	Common User	Mortuary Cabinet	1	2+2	5000
3/33	Common User	Instrument Washer Disinfector (Front Loading, Table Top & Single Door)	1	2+2	10000
3/34	Blood Bank	Cell counter	1	5+5	600000

The technical specifications are detailed at Annexure- 2 of the tender document.

Please note that one model per tender has to be quoted. If the tenderer would like to quote for more than one model for the same specification, say for example for two models, two separate tenders with separate EMD's have to be submitted.

**(a) Issue of Tenders:** Tenders will be available for examination and may be downloaded for bidding purposes on the Institute's Official Website [www.ilbs.in](http://www.ilbs.in) from **27.04.09 (1000 hrs) To 18.05.09 (1400 hrs)**

**(b) Closing Date/Time:** By **2 PM on 18.05.09** .

**(c) Place of Submission:** The sealed tenders in duplicate, complete in all aspects, duly signed and stamped on each page, should be put in the tender box placed at the Office of the DHO (M)-II, ILBS, Sector-D1, Vasant Kunj, New Delhi-11070, by the closing date & time.

**(d) Late & Delayed Tenders not be accepted after the prescribed closing date & time**

**(e) Opening of Tenders:** - Tenders shall be opened on **18.05.09 at 2.30 P.M.** at the Office of the DHO (M)-II, ILBS, Sector-D1, Vasant Kunj, New Delhi-11070.

**(f) The tendering process** of the Department involves a 3- stage scrutiny (for details see Clauses II & III below) – (a) only the Pre Qualification bids (see Annexure-V) shall be opened first and read out before participants/tenderers. (b) The Technical bids of qualified tenderers shall be opened next on the same date. (c) The time and date of opening of price bids of those, who qualify at technical bid stage, shall be intimated later.

**(g) Validity of Tenders:** - The Tenders shall remain **valid for 180 days** from the date of opening.

**(h)** In case the date of receipt/opening of tenders and the last date of sale of tender is declared a holiday for unexpected reasons, the tenders will be received/ opened or sold on the next working day.

**(i)** The bidders are expected to be present at the time of opening of tenders.

**(j)** Project Director, ILBS reserves the right to accept or reject any tender in full or in parts without assigning any reasons whatsoever.

**DR. S.A. FRANCIS**  
**Dy. Head Operation (Medical)-II, ILBS**  
[drsafrancis@ilbs.in](mailto:drsafrancis@ilbs.in)

## II. IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS:

(a)	Purchaser	The Project Director, ILBS, New Delhi
(b)	Indenter	MS/ HOD, ILBS, New Delhi Name of the Department _____ _____
(c)	Consignee	Indenter
(d)	Inspection Authority	Indenter/ Technical Committee nominated by the Indenter
(e)	Inspection Officer	Indenter or his authorized representative
(f)	Delivery is required by	For Indian Items: Complete stores should be delivered with 45 days or receipt of A/T For imported items: Complete stores should be delivered within 90 days of opening of L/C and within 120 days after receipt of A/T
(g)	Mode of Delivery	BY Air/ Road/ Rail / Sea etc.
(h)	Guarantee/ Warranty	<u>Guarantee / comprehensive warranty</u> including spares, maintenance etc. for a period of First Two (2) years from the installation.  <u>Free AMC:</u> The tenderer shall also commit to provide free AMC (Labour only) without any extra cost for the next 2 (Two) years thereafter. Only cost of spares parts required / found essential for functioning of item shall be paid by indenter during this period.
(i)	Fall clause	If any time during the execution of the contract, the contractor reduces the sale price to sell such stores, as are covered under this tender enquiry, to any organization (including the purchaser of any hospital/department of the Govt. of N. C. T. of Delhi) at a price lower than the price quoted under this contract he shall forthwith such reduction to the purchaser and the price payable under this tender for the stores supplied after the date of coming into force of such reduction, the price of equipment/ store shall stand correspondingly reduced.
(j)	E. M. D. (Refundable)	Rs. _____ (Rupees _____) only in the form of a demand draft/ pay order.)
(k)	Security Deposit (Refundable)	After receipt of the A/T, the tenderer shall have to deposit a security deposit of 10% of total value of the A/T including turn key value, if any) as security & acceptance of A/T (as required vide Rule 273, GFR, 1969). This security deposit has to be submitted before opening of L/C in case of imported items and immediately on receipt of A/T in case Indian items.

## III. PROCEDURE FOR SUBMITTING TENDERS (To be submitted in duplicate)

(a) PRE-QUALIFICATION BID (PQB)	Should be placed in separate, sealed cover/ envelopes for original & duplicate sets super scribing the wordings "PREQUALIFICATION BID". Tender enquiry No. Date of opening, Name of the item and Name of the tenderer. Covering letter, list of enclosures, <b>EMD</b> , Undertakings. Authorizations, contract copies etc are to be put in the PQB envelops.
(b) TECHNICAL BID (TB)	Should be covered in a separate sealed envelopes/covers for original & duplicate sets super scribing the wordings "TECHNICAL BID" Tender Enquiry No. Date of opening, Name of the items,

	Name of the tenderer.
	All the technical documents like literature, catalogues etc. are to be put in the same envelope.
<b>PLEASE NOTE THAT NO PRICES SHALL BE INDICATED IN THE PQB OR THE TECHNICAL BID OTHERWISE THE BID WILL BE REJECTED OUTRIGHT WITHOUT ANY FURTHER CORRESPONDENCE</b>	
(c) Price Bid (PB)	Should be placed in separate sealed envelopes/covers for original & duplicate sets super scribing the wordings "PRICE BID" Tender enquiry No. Date of opening, Name of the items, and Name of the tenderer.

- (d) Pre qualification Bid, technical Bid and price Bid envelopes/ covers prepared as above must be kept in a single sealed cover super scribed with tender enquiry No. Date of opening, Name of the item and name address of the tenderer.
- (e) Duplicate copy of the tender is to be prepared in a similar, as stated above.
- (f) Submit original as well as duplicate tenders, prepared as above in single sealed envelope super scribing the wordings, Tender No. Date of opening, Name of the item and Name & Address of the tenderer, in capital letters.

**IV. TECHNICAL BID:**

- I. Tenderers should furnish complete Technical details of the equipment offered binging out special features, if any, and furnish detailed Literature and Catalogue / leaf lens within the tender in duplicate. List of Accessories / spares/ consumables should be quoted separately with technical bid. The tender will be cancelled in case it is noticed during the technical evaluation that technical details are incomplete/ not in accordance with the catalogues/literature provided with the bid.
- II. Tenderers are required to submit the compliance statement in the prescribed format (Annexure-II) failing which the offers will be treated as incomplete and are liable to be ignored.
- III. Tenderers are required to quote strictly as per the specifications of the equipment. Deviations to the specifications, if any, must be brought out clearly giving a deviation statement.
- IV. The additional features, if any, should be listed separately in the offer.
- V. The Tenderers should give an undertaking (Annexure-III) that they have necessary infrastructure for the maintenance of the equipment for next years and will provide accessories/ spares as and when intender feel necessity thereof. The foreign Principal should confirm that in case of change of Indian Agent they would take care of the Guarantee/ Maintenance of the machine/ equipment. The facilities created by them for rendering effective after sales maintenance service in Delhi should be elaborated.
- VI. The firm should confirm that the equipment is brand new, is of latest technology and have facility for up gradation, if necessary.
- VII. In case of imported stores, tenderer should submit copy of agency agreement clearly stating the quantum of agency commission and elaborating on the responsibility of foreign supplies/ principals and services to be tendered by the Indian Agent giving details of services available in India.
- VIII. Tenderer should furnish a list of orders, installation executed by them for identical/ similar stores for any Govt. Hospital / Institutions in India with copies thereof in last three years.
- IX. Tenderer should furnish two copies of services manuals for the subjects' equipment.

**V. PRICE BID:** Price bids are to be submitted in the prescribed proforma (Annexure – 9)

**(a) For Indian Items:**

- (i) Tenderers should quote prices on FOR, New Delhi basis for Indian/ indigenous items.
- (ii) The prices quoted should be inclusive of all statutory taxes i.e. VAT etc.

**(b) For Imported Items:**

- (i) Tenderers should quote FOB (Ex-works) as well as CIF, New Delhi prices for imported items. Indian Agent Commission, Insurance & freight charges should be clearly indicated in the price bids.
- (ii) In case of Letter of Credit opened on FOB value, the Tenderer / Indian Agent will have to arrange for the insurance & freight of the stores ordered. However, the Indentor shall reimburse the insurance & freight charges on actuals basis.
- (iii) Tenderers should import the stores through the shortest route possible.
- (iv) For import of stores, tenderers should select the Air India/ Indian Airlines service, preferably.
- (v) Prices should be indicated in words and figures, without any overwriting / erasing.
- (vi) Tenderers are required to furnish the Principal/ foreign suppliers original preformed invoices in duplicate, clearly indicating the quantum of agency commission.
- (vii) Any special requirement/ condition any specific stores, if given in the detailed Technical Specification of the stores, shall be applicable in addition to the Terms & Conditions as given above.
- (viii) Turnkey installation, if specifically asked for in the Technical Specifications, should be quoted in details, separately after inspection of the proposed site.
- (ix) The purchaser reserves the option of giving purchase / price preference to the offers from Public Sector Undertakings in accordance with the policy of Govt. of India from time to time.
- (x) Please indicate / quote the running recurring cost of the quoted equipment or cost per procedure, per patient etc., if any.
- (xi) Tenderer should submit an International Price list wherein the price of the quoted equipment is listed.

**VI. (a) General Terms & Conditions:**

- (i) Tender forms are not transferable – original tender form must be submitted with the PQB.
- (ii) Tenderers should return all original tender documents duly filled in and signed and with full validity as per tender enquiry, failing which such tenders will be liable to be ignored.
- (iii) Covering letter should clearly indicate the list of enclosures.
- (iv) The tender should be typed and the price be quoted in words as well as in figures without any over writing or erasing cutting etc. Failing which such tenderer will be rejected.
- (v) Each page of the tender should be numbered and signed by the tenderer with the seal of the firm.
- (vi) Telegraphic/ Telex/ Fax and letterhead quotations are not acceptable and will be ignored.
- (vii) It shall be presumed that the terms & conditions mention in the tender have been duly accepted by bidder in the case he submits the tender. The tenderer shall have no right to modify/ alter/ amend/ delete any terms/ conditions mentioned in tender document.
- (viii) The purchaser has right to reject, withdraw/ revoke/ cancel whole or any part of tender at any stage without assigning any reason.
- (ix) Tenders should confirm that the equipment is covered under OGL category.
- (x) Tenders should not dispatch the stores without getting confirmation from; the hospital regarding availability of CDEC/NMIC etc. failing which the demurrage charge incurred in clearance of the consignment are to be borne by the tenderer.
- (xi) Tenderer should confirm to provide assistance to the consignee in clearance and delivery of stores at consignee's store/premises. The demurrage/storage charges, if any, payable due to non-receipt of required documents in time by the hospital are to be borne by the Tenderer/ Indian agent.
- (xii) **Correspondence:** No correspondence shall be entertained after opening of the Tenders.

**(b) Earnest Money Deposit (EMD-Refundable, as per Annexure-5)**

- (i) Each tender must be accompanied by a DD/Pay Order for EMD payable at New Delhi in the name of "Project Director, ILBS" for Rs. .... (Rupees.....)
- (ii) The DD shall be valid and remain deposited with the purchaser for a period of six months from the date of opening of Tenders.

- (iii) No interest shall be payable by the purchaser on the Earnest Money Deposit.
- (iv) Exemption: Firms may be exempted for payment of EMD, who registered with NSIC and Govt. of India/ State Government Undertakings subject to submission of such certificate.
- (v) EMD is refundable after the acceptance of tender and furnishing of Security Deposit.
- (vi) The Tenders shall send a pre-revised receipts along with the pre-qualification bid so that the refund of Earnest Money (incase the bid has not been accepted) is made within a stipulated period.
- (vii) The EMD is liable to be I forfeited if the tenderer withdraws or awards or impairs or derogate the bid in any respect within the period of validity of this offer.
- (viii) If the successful tender fails to furnish the security deposit as required wide rule 273 of General Financial Rule 1989 then the earnest money shall be liable to be forfeited.

**(a) Security Deposit: & Performance Guarantee: -**

- (i) The tenderer shall have to submit a security Deposit of 10% of the total value of the stores on receipt of the A.T as a Guarantee for execution of the contract (in case of Indian items)/ against Letter of Credit (incase of imported items).
  - (ii) This security deposit shall be returned back once the equipment is installed and commissioned successfully and performance guarantee is furnished.
  - (iii) The Tenderer will have an option to extend the above security deposit as performance guarantee valid for the period of warranty stipulated in the A/T.
  - (iv) **Performance Guarantee:** The tenderer shall have to submit a performance guarantee as per clause no. VII of this tender enquiry.
  - (v) The performance guarantee shall be released after the expiry of warranty period.
- (d) Income Tax Return (as per Annexure -6):** The Tenders must attach an attested photocopy of latest Income Tax Return (ITR) and PAN number, issued in the name of the firm along with the Pre-qualification bid. Failure of submit the same shall render the tender invalid automatically. The Govt. of India/ State Government undertakings is exempted from submitting the Income Tax Clearance certificate. Failure to submit the same shall render invalid automatically.
- (e) Undertaking (as per Annexure- 8):** The undertaking (Annexure – 8) on Rs. 50/- stamp paper, duly signed by the tenderers must be enclosed with the tender form, failing which such tenders shall not be considered.
- (f) Warranty/ Guaranty undertaking (as per Annexure – 7):** The warranty/ guaranty undertaking on Rs. 50/- stamp paper, duly signed by the tenderer must be enclosed with tender form (PQB) failing which the tenders shall be out rightly rejected.

**VII. GUARANTEE/ WARRANTY:** The following comprehensive Guarantee/ Warranty and AMC clause shall be applicable on binding on successful tenders.

- (a) Comprehensive Warranty (Initial 2 years):** The seller shall declares/ certify that the goods/ stores/ articles sold/ supplied to the purchaser under this contract shall be new in all respect of the best quality, workmanship and shall be strictly in accordance with the specification and particulars contained/ mentioned in the contract. The contractor/ seller shall further guarantees that the said goods/stores would continue to confirm to the given description and quality aforesaid, for a period of 24 months from the date of commissioning of the said stores/ articles in the premises of the purchaser. The above guarantee/warrantee is not with standing to the fact that the purchaser may have inspected the store/ article and/ or not within a period of 24 months or not. In case said goods/ stores/ articles is discovered not to confirm to the description and quality aforesaid or not giving satisfactory performance or have deteriorated at subsequent stage, the purchaser may take such action or issue such directions as deems fit to tenderer to bring the machine in conformity with prescribed specification/ to make it operational; and which shall be final and binding on the contractor/ seller. The purchaser is entitled to call upon the contractor to rectify the goods/ stores/ articles or such portion of store as found to be defective by the purchaser within a reasonable period/ or such specified period as may be allowed to the contractor failing which the losses, compensations, damages etc. including the cost of repairing of such store, if the Store/items/machine in repaired from open market or such damages as assessed by purchase, which intender would suffer due to non operation of said article/instrument shall be recovered from tender and the firms/ tender shall be blacklisted for breach of warranty.

- (b) Free Annual Maintenance Contract – AMC (Next 2 years):** The tenderer shall further commit to provide unconditional full Labour maintenance & support **without any extra costs for the next two years** after the completion of comprehensive warranty of 24 months to ensure satisfactory/ flawless functioning of the stores to give the desired results. The indenter shall bear **only** the costs of spares at the prescribed prices, in case required as necessary/ essential, to keep the above store functional.
- (c) The tenderer shall submit a list of most commonly required commonly required components/ spares of the equipment along with their prevailing rates.
- (d) Uptime Guaranty:** During the Warranty/ Guaranty period, you shall maintain the equipment with 95% uptime. You shall give a written commitment for 95% uptime of the equipment, calculated on annual basis, with penalty equivalent to double the amount of daily cost (on total loss of revenue per day running cost per day basis) of the unit for each day's delay in proper functioning of the unit beyond 5% down time per annum.
- (e) Please submit an Undertaking (Annexure-7)** to the effect that you agree for/ accept the tender warranty/ Guarantee clause and Uptime guaranty as mentioned above along with the Pre-Qualification Bid (PQB).

#### **VII. Payment Terms and Conditions:**

(a) **For Indigenous/ Indian stores on FOR basis:** - 80% of the total payment shall be released on submission of proof of delivery of complete stores (stores/ consignee receipt), inspection & installation of the equipment. Balance 20% payment shall be released after successful commissioning, take over of the equipment by the consignee, after submission of 10% performance bank guarantee.

**(b) For Imported stores:** -

- (i) For Foreign/Principal supplies: payment shall be made through Letter of Credit (L/C), An irrevocable letter of credit for net CIF/FOB value (100% value) shall be opened and payment shall be released as per details below:  
80% Net C/F priced will be paid against inspection certificate (where applicable) and shipping documents. Balance 20% within 30 days on due certification by the indenter of the successful completion of providing test in; which the machine's performance would have been demonstrated for the supplier or his agent, after commissioning at the consignee's premises and submission of a performance Bank Guarantee for 10% of total value of the contract indemnifying the purchaser against all losses in case incurred by the purchaser during the Guarantee period as stipulated in the warranty clause.
- (ii) **For Indian Agent:** Indian Agency commission, if any, as quoted in the price bid, shall be paid in Indian Rupees. 50% commission shall be paid to the Indian Agent on successful installation/ and commissioning and balance 50% shall be released after two months from the date of commissioning and take over by the consignee.

**(iii) Please note that no Indian Agent Commission shall be payable, if the same is not indicated in the Price Bid.**

#### **IX. Delivery of Stores & Penalty Clause**

- (a) The date of delivery of stores stipulated in the A/T shall be deemed to be the essence of the contract and delivery must be completed not later than the date as specified in the A/T.
- (i) For Indian Items:** Complete stores should be delivered within 45 days of receipt of A/T
- (ii) For Imported Items:** Complete stores should be delivered within 90 days of opening of L/C and within 120 days after receipt of A/T.
- (b) The tenderer will be bound to supply the items within the stipulated period as mentioned in the A/T failing which the following penalty will be levied on the tenderer (deductible from the EMD/Security deposit)

(i) **For delayed supply** – A penalty of 1% of the total value of A/T per week will be imposed subject to a maximum of 5 % of the total value of A/T.

(ii) **For Non-Supply:** Security Deposit of the firm shall be forfeited.

**X. Risk Purchase:**

(a) The time period for making RISK PURCHASE shall be 4 months.

(b) In case the successful Tenderer fails to supply the ordered stores and dishonors the A/T the department shall procure the stores on Risk Purchase basis and security deposit of the tenderer shall be forfeited. The department may also impose a penalty and / or blacklist the tenderer, depending upon the urgency of requirement as well as the loss of revenue due to non-availability of such equipment.

**XI. Disputes**

Judicial jurisdiction for all disputes arising out of this tender / contract shall be Delhi courts only.

**XII. Exclusive Right of Project Director, ILBS, GNCT of Delhi**

Project Director, Institute of Liver & Biliary Sciences (ILBS), has the full and exclusive right to accept or reject any tender and / or withdraw the A/T, without assigning any reasons whatsoever.

**DY. HEAD OPERATION (MEDICAL)-II  
ILBS, NEW DELHI**

Dated:

Signature of the Tenderer\_\_\_\_\_

Witness:

(1)\_\_\_\_\_ (2)\_\_\_\_\_

\_\_\_\_\_

**Annexure-1**

**Additional Information**

**Tender Enquiry No.** \_\_\_\_\_ **Due for Opening on** \_\_\_\_\_

1. Tender Enquiry No. \_\_\_\_\_ Due for opening on \_\_\_\_\_
2. Brand of stores offered:
3. Name & Address of the Manufacturer
4. Station of Manufacturing
5. Gross weight of the offered consignment (Kgs)
6. Name & Address of Tenderer/ Indian Agent
7. Name & Address of Local Service Station /  
Maintenance branch of the Tenderer/ India Agent:
8. What is your permanent Income Tax A/c No.
9. **Status:**
  - i) Indicate whether you are LSU or SSI
  - ii) If you are a small scale unit registered with NSIC under single point Registration Scheme, whether there is any monetary limit?
  - iii) In case you are registered with NSIC, Whether you have attached a photocopy of the Registration Certificate?

10. **Please indicate**

- Name & Address of your Banker
11. Please furnish details of Equipment Quality Control (QC Test report etc.)
  12. Business Name and constitution of the firm. Is the firm registered under
    - i) The Indian Companies Act, 1956
    - ii) The Indian Partnership Act, 1932
    - iii) Any act, if not, who are the owners.  
(Please give full Names and Address)
  13. Whether the tendering firm is/ are
    - iv) Manufacturer
    - v) Manufacturers Authorized agent

**Note:** If you are a Manufacturer's Agent, please enclose a copy of Manufacturers Authorization along with the Tender.

14. If stores offered are manufactured in India, please state whether all the Raw Materials, components etc. used in their manufacturer are also produced in India. If not, give details of materials, components etc. that are imported. A break up of the indigenous and imported components together with their value and proportion it bears to the total value of the stores should also be give.
15. Please indicate the stock in hand at present time
  - (a) Held by you against this enquiry: \_\_\_\_\_
  - (b) Hold by M/s \_\_\_\_\_ over which you have a pre-tender agreement

16. Do you agree to sole arbitration by an officer in the department of Law to be appointed as Arbitrator by the Secretary (Health & Family Welfare)? (It should be noted that omission to answer the above question will be deemed as an acceptance of the clause)
17. For partnership firms state whether they are registered or not registered under Indian Partnership Act. 1932. Should the answer to this question by a partnership firm be in the affirmative please state further:
- (i) Whether by the partnership agreement authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the Partner who has signed the tender.
  - (ii) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer dispute concerning business of the partnership to arbitration.
  - (iii) Whether you possess the requisite license for manufacturer of the stores and/ or for the procurement for raw materials belonging to any controlled category required for the manufacturer of the stores? [ In the absence of any reply it would be assumed that if license is required for the purpose raw materials and for that you possess the required license]
18. State whether business dealing with you has been banned by any Central/ State Government Organization?

**Signature of witness**

Full Name and Address of Witness

**Signature of Tenderer**

1. Full name & address of the Person signing  
(In BLOCK LETTER)
2. Whether signing as Proprietor/ Partner  
/ Constituted Attomey / duly authorized  
by company.

Annexure-2

Specifications

Tender Item No. ILBS/3/ /2009

Due for opening on: \_\_\_\_\_

Name of the equipment \_\_\_\_\_

Qty: - \_\_\_\_\_

SPECIFICATIONS OF 3/2009

<b>3/1 PFT SYSTEM WITH DIFFUSION STUDY</b>
1. The system should be lightweight, compact lung function measuring system for the determination of the static and dynamic lung volumes using the classical FRC – Helium rebreathing and the Diffusion Capacity by using the single Breath technique. It should be operable on 220 volt AC mains. It should also be possible to measure Diffusion Capacity (DLCO) for patients with distribution impairments of the lungs with minimized patient co-operation.
2. It should come with an incentive display for cooperation free lung testing.
3. It should be built on an expandable platform for future up-gradation.
4. The system should measure the following: <ul style="list-style-type: none"><li>• Slow and forced Spirometry &amp; Flow Volume Parameters – inspiratory &amp; expiratory flow volume curve.</li><li>• Lung subvolumes – FRC, RV TLC by FRC-Helium multiple breath technique</li><li>• Diffusion Capacity (DLCO-He) by single breath technique</li><li>• The system should measure FRC, RV, TLC &amp; DLCO in one man oeuvre.</li><li>• The system should measure following parameters: VT, BF, MKV, ERV, FVC, FEV1, VCin, VCex, MEF 50, MEF 75, PEF, MVV, MIP/MEP.</li><li>• Pre &amp; Post Bronchodilator comparison.</li></ul>
5. The system should incorporate lightweight, precision heated Pneumotach with following specifications <ul style="list-style-type: none"><li>• Range : 0-15L/sec.</li><li>• Resistance : &lt; 0.05kpa/L/Sec.</li><li>• Accuracy : +/- 3%</li><li>• Free of any kind of frictional inefficiencies.</li><li>• Absolutely insensitive to moisture.</li></ul>
6. The system should meet Criteria for ATS/ERS Standards.
7. Should have Precision Analyzers for : <ul style="list-style-type: none"><li>• Helium</li><li>• Carbon Monoxide</li><li>• Oxygen</li></ul>
8. The system should have fully computerized calibration procedure for flow sensor and gas analyzers. The System should have a check procedure during startup.
9. System should incorporate easily removable Mouthpiece assembly for rapid cleaning & Sterilization.
10. The software for diffusion must have program for patient training of DLCO test without gas.
11. The software must be able to set values for discard volumes, alveolar time, & other parameters according to user requirement.

12. The system should be HL7 compliant. It should be possible to integrate the system in a LAN.
13. The system should have ISO 9000/ CE quality certification.
14. The computer system should have following specifications: <ul style="list-style-type: none"> <li>• CPU – Pentium IV Core 2 Duo Processor,</li> <li>• RAM – 1 GB, At least 40GB HDD</li> <li>• At least 14” TFT Colour Monitor</li> <li>• DVD R/W Drive, Keyboard, Mouse</li> <li>• Serial/ parallel interface PCI SLOT</li> <li>• Windows XP/ Vista</li> <li>• Inkjet Printer, UPS 1KVA</li> </ul>
15. The user instruction manual, software for the system & other standard accessories to be provided.
16. The system should be quoted with <ul style="list-style-type: none"> <li>• Cables, Mobile Trolley for the unit along with space for printer, UPS</li> <li>• Two sets of each type of gas cylinder with cylinder trolley required for operation.</li> <li>• Manual, Calibration Syringe, Gas Mixture Cylinder and Standard Accessories.</li> <li>• Pulmonary Filters (100 nos) ; Pneumotach Screens (10 nos), Mouth pieces (100 nos), Reservoir bag (If applicable, 10 nos).</li> </ul>
16.A. Predicted normal value for Indian population should be incorporated in the software.
17. <b>GUARANTEE/ WARRANTY:</b> The following comprehensive Guarantee/ Warrantee and AMC clause shall be applicable on binding on successful tenders. <ul style="list-style-type: none"> <li>• Comprehensive Warranty against manufacturing defects and accidental damages (INITIAL 5 YEARS):</li> <li>• Free Annual Maintenance Contract- AMC (Next 5years): The tenderer shall further commit to provide unconditional <b>free AMC (Labour only) for the next 60 months (Five years)</b> after the completion of Comprehensive Warranty of sixty months (5 years) to ensure satisfactory/ flawless functioning of the stores to give the desired results. The indenter shall bear only the costs of spares at the prescribed prices, in case required as necessary/ essential to keep the above equipment functional.</li> <li>• The firm to give guarantee of complete up gradation of software for the duration of ten years from installation/ commissioning.</li> <li>• The firm to undertake availability of spares for ten years from the date of installation/ commissioning.</li> </ul>

<b>3/2 TRANSCRANIAL DOPPLER MONITOR</b>	
1.	The system should be portable Transcranial doppler monitor for noninvasive extracranial & intracranial studies in ICU patients.
2.	The system should be two channel digital system. High resolution of minimum of 200 gates digitally M mode color display in color, with maximum depth of 150mm from each side, display of various indexes
3.	The system should have ability to display parameters like peak velocity, mean velocity, diastolic velocity, pulsatility index, resistivity index, standard deviation, heart rate, depth, power, SYS.
4.	The system should have frequency range
	a. Pulsed wave: 2-24 KHZ for 2 MHZ probe
	b. Continuous wave: 2-32KHZ
5.	The system should have multi-frequency operation.
6.	The system should have specialty test CO <sub>2</sub> reactivity and breath hold option.
7.	The system should have user definable defaults for individual blood vessels.
8.	The system should have user definable alarms.
9.	The system should have a summary screen which displays all studies performed on a patient on a single screen.
10.	The system should have long term monitoring with trending of selected parameters.
11.	The system should have manual control of gain.
12.	The system should have FFT size adjustable from 64 points to 256 points.
13.	The system should have ability to change spectrum display size from 2.5 sec to 1 min.
14.	The system should have provision of two vertical & two horizontal cursors for measuring the values manually.
15.	The system should have 16 color spectrums display and able to display upto 8 spectrum with color M Mode feature.
16.	The system should have facility for storing the waveforms of complete spectrum of TCD with audio digitally and replaying with audio complete study as recorded. The store and replay of at least up to 120 sec of data of each Doppler spectral snapshot.
17.	The system should have remote control operation.
18.	It should be one integrated system with in built Pentium processor, at least 512MB RAM, at least 15" LCD display and medical grade computer, at least 60GB HDD, Windows Vista/ XP operating system, alphanumeric keyboard (virtual or real), with optical mouse and with DVD-writer drive for backup.
19.	The system should have facility to integrate upto 8 external monitors, within the trending windows, and alarms for the displayed parameters.
20.	The system should be networking compatible.
21.	The price should be quoted with
	2 pcs 2 MHz PW monitoring probes with long wires upto 3 meters. 2 separate reusable head probe holders/ bands of medical grade for each probe. One 4 MHz PW/CW extracranial probe. Stereo head phones. UPS for 20 min of battery backup. Color Deskjet printer. Trolley should be included with space for printer. Conductive gel (50 tubes)
22.	<b><u>GUARANTEE/ WARRANTY:</u></b> The following comprehensive Guarantee/ Warrantee and AMC clause shall be applicable on binding on successful tenders.

<p>a. <b>Comprehensive Warranty against manufacturing defects and accidental damages (INITIAL 5 YEARS):</b></p>
<p>b. <b>Free Annual Maintenance Contract- AMC (Next 5 years):</b> The tenderer shall further commit to provide unconditional <b>free AMC (Labour only) for the next 60 months (Five years)</b> after the completion of Comprehensive Warranty of sixty months (5Years) to ensure satisfactory / flawless functioning of the stores to give the desired results. The indenter shall bear only the costs of spares at the prescribed prices, in case required as necessary / essential to keep the above equipment functional.</p>
<p>c. The firm to give guarantee of complete up gradation of hardware &amp; software for the duration of ten years from installation/ commissioning.</p>
<p>d. The firm to undertake availability of spares for ten years from the date of installation/ commissioning.</p>

**3/3      AMBULATORY PCA PUMPS**

1. Should be light weight, not more than 500 gms; ambulatory & nondisposable
2. Should be compatible for use by intravenous, epidural, intrathecal and intra thecal and intra peritoneal routes.
3. Should have a well lit backscreen.
4. Should have battery back up of 24 hours.
5. Should be easily programmable, with soft ware locking system
6. Shoul be able to operate on-demand, continuous infusion mode as well on bolus plus continuous background infusion (CBI)
7. Bolus should be in the range of 1-6ml, 1-10/hr; while CBI should be in the range of 1-20ml/hr.
8. Should be provided with the facility of lockout interval of 1 minute of 8 hours.
9. With safety keyed antisiphon and back flow valve.
10. Should have comprehensive alarm package including Occulusion pressure pre-alarm & alarm, End of infusion pre-alarm and alarm, Volume limit pre-alarm & alarm, Low battery pre-alarm and alarm, Line disconnection alarm, KVO rate, maintenance reminder alarm, alarm for pump, microprocessor malfunction, air bubble and disconnection alarm.
11. Patient activator button must be safe, sturdy and simple to use.
12. Should be provided with a memory of at least 8 hours.
13. Should be compatible with medication cartridge of 50ml, 100ml or 250ml.
14. Also required: cover, carrying pouch, remote dose cord and cartridge of 250ml.

<b>3/4 PATIENT CONTROLLED AMBULATORY PCA PUMPS</b>
1. Should be compatible for use by intravenous, epidural, intrathecal and intra peritoneal routes.
2. Should have a large LCD screen for display of menu & Protocols.
3. The delivery system should be compatible with standard tubings, syringes of different sizes and brands, and commonly used drugs in anesthesia & intensive care.
4. Should display drug names, with a provision of memorizing 10 ~ 15 names by the operator shall be preferred.
5. Automatic detection of syringe size & proper syringe fixing. Must provide alarm for wrong loading of syringe (flanges out of slot; disengaged plunger etc.).
6. Should operate on alternating current with rechargeable battery.
7. Should have battery back up of atleast 8 hour at 5ml/hr for 50ml syringes with a provision to display residual battery life in hour and minutes.
8. Should be easily programmable, with soft ware locking system.
9. Should be able to operate on-demand, continuous infusion mode as well on bolus plus continuous background infusion (CBI)
10. Bolus should be in the range of 1-6ml, atleast 10/hr; while CBI should be in the range of 1-20 ml/hr.
11. Should be provided with the facility of locking interval.
12. Pump must display monitoring pumping pressure digitally as well as graphically (dial gauge) for instant & easy to read pumping pressure in syringe system.
13. Selectable occlusion pressure trigger levels from 100 mmHg to 900 mmHg.
14. With safety keyed antisiphon and back flow valve. Anti bolus system to reduce pressure on sudden release of bolus
15. Patient activator button must be safe, sturdy and simple to use.
16. Should be provided with a memory of at least 8 hours.
17. Should have comprehensive alarm package including Occlusion pressure pre-alarm & alarm, End of infusion pre-alarm and alarm, Volume limit pre-alarm & alarm, KVO check, Plunger detection, maintenance reminder alarm etc.

<b>3/5 L. C. D. TV</b>
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|---------------------|
| 1. 32 Inches Screen |
| 2. 50 Inches Screen |

<b>3/6 HEAD LIGHT MOUNTED CAMERA SYSTEM</b>
1. Should be a high resolution (at least 450 lines) video camera.
2. Should be light weight (not more than 50 gm) and comfortable to use.
3. Should provide an unobstructed view.
4. Should have adjustable focal length and illumination area.
5. Should have low light requirement (3-5 lux).
6. Should have automatic adjustment of sensitivity, gain and colour balance.
7. Wide and narrow field lenses should be available for low and high magnification procedures.
8. Should have hands free auto focus.
9. Should be compatible with the commonly used brands of OT headlights.
10. A three-year warranty period followed by 2 year AMC rates should be quoted.

<b>3/7 MULTIPLE PURPOSE CONTAINER HOLDER WITH CONTAINERS</b>
1. Should be multiple purpose holders for various OT/ICU.
2. Should be made of Cr-Ni steel.
3. Rail length: 600mm (overall dimensions: 600x110x180mm).
<b>MULTIPLE PURPOSE PLASTIC</b>
1. Plastic containers: green for sterilized items; blue for non sterile items.
2. Should be available in 3 sizes:
350x210x200mm
230x150x125mm
170x100x75

<b>3/8      LIGHTED PROCTOSCOPE</b>
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| 1. 20mm X 10cm in dimensions.  |
| 2. 45 degree bevel at distal end.  |
| 3. Should have a smoothly fitting obturator.   |
| 4. The proximal end should be compatible for fitting of the light source.                      |
| 5. The light source assembly should have a 6 V halogen lamp.                                   |
| 6. The light source assembly should have a long high quality lead.                             |
| 7. The light source assembly should be compatible for fitting to disposable proctoscopes also. |
| 8. At least 1 year comprehensive warranty period should be quoted.                             |

<b>3/9      BASIN STAND WITH HEATER</b>
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|---|
| 1. Should be made of stainless steel  |
| 2. Should be manoeuvrable and with brakes                                     |
| 3. Should have the basin of 5 lt capacity                                     |
| 4. Should have a clamp ring to hold sterile cover                             |
| 5. Should have control panel with LED indicator showing the temperatures      |
| 6. Should have a facility to set temperature between 35 - 60°C                |
| 7. Should have facility to measure the quantity of fluid in the bowl          |
| 8. Should have automatic switch off facility if there is no fluid in the bowl |
| 9. A one year comprehensive warranty should be quoted.                        |

<b>3/10      PATIENT HEATING PAD</b>
1. Should be full length (1500mm X 200mm)
2. Should be thin.
3. Should be X-ray translucent.
4. Should be washable.
5. Should have a microprocessor based control unit.
6. Should not get over heated.
7. The control unit should have a temperature display.
8. The heating elements should be changeable.
9. Should have the facility for use with anti-pressure get pads.
10. A two year warranty should be quoted.

<b>3/11 ANTI-PRESSURE GEL PADS FOR OT TABLE</b>
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| 1. Should be large size fitting to the length and wide of operation table.           |
| 2. Should have Velcro straps   |
| 3. Should be latex free and silicon free.  |
| 4. Should be antibacterial and antimicrobial   |
| 5. Gel should not leak, ooze or evaporate.   |
| 6. Should be re-Usable.  |
| 7. Should be repairable.   |
| 8. Should have the ability to get heated.  |
| 9. Should be able to withstand heating to 40 degree C.                               |
| 10. Should not get overheated.   |
| 11. Should be X-ray translucent.   |
| 12. Gel pads for pressure points (occiput, elbow, heel) should be a part of the set. |
| 13. A one year warranty period should be quoted.                                     |

<b>3/12      MAYO INSTRUMENT TROLLEY</b>
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| 1. Should be made of 304 grade Cr-Ni steel with burr free finish.  |
| 2. Should have manual height adjustment from 88-1200mm.            |
| 3. The tray dimensions should be 600x400mm                         |
| 4. Should have 4 heavy duty 75mm castors, 2 with brakes.           |
| 5. Should be maneuverable but not pivotable.                       |
| 6. Weight bearing capacity should be at least 30kg.                |
| 7. At least 1 year comprehensive warranty period should be quoted. |

<b>3/13      BOOKWALTER RETRACTOR</b>
- Operating table mounted fixed abdominal retractor with single post fixation, choice of ring configuration, retractor blade options, quick release ratchet mechanism, and choice of horizontal bar or horizontal flex bar combine to provide best possible exposure through any given incision for various abdominal procedures & liver transplantation.
- Should have -
Table post
Horizontal Bar
1" Post Coupling
2" x 6" Malleable Retractors (2 each) – 51mm x 152mm
2" x 3" Kelly Retractors (2 each) –51mm x 76mm
2" x 4" Kelly Retractor – 51mm x 101mm
Balfour Retractor –60-70mm width / 70 – 80mm depth –4 Pieces
Ratchet Mechanisms (2 each)
Tilt Ratchet Mechanisms (6 each)
Round ring segments with –a-10 inch inner diameter b-8 inch inner diameter
1 1 / 2" x 6" Malleable Retractor – 38mm x 152mm
3" x 6" Malleable Retractor 76mm x 152mm
2" x 5" Kelly Retractor- 51mm x 127mm
2" x 6" Kelly Retractor- 51mm x 152mm
Harrington Retractor blade
Gelpi Retractor
- Should be provided with separate case for – Table post & ring - Blades & accessories
- Should be quoted with 1 year warranty.

<b>3/14 THOMPSON ABDOMINAL RETRACTOR</b>
- Table mounted self retaining system for major HPB surgery & liver transplantation
- Should have wide cross bar which gives multiples plane exposure
- Should have independent lateral arms
- Components should be one piece for easy cleaning & sterilization
- Should have
<ul style="list-style-type: none"> <li>- Thompson quick frame / bilateral frame</li> <li>- Malleable retractors of different sizes</li> <li>- Kelly retractor of diff sizes</li> <li>- Fence retractor</li> <li>- Balfour retractor</li> <li>- Richardson retractor</li> <li>- Harrington retractor</li> <li>- Deavers retractor</li> <li>- Crank retractor handle</li> </ul>
- Should be quoted with one year warranty

<b>3/15 ORGAN TRANSPORT BOX</b>
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| 1. Should have a storage capacity of at least 25 litres.              |
| 2. Should be mobile like a strolley (should have heavy duty castors). |
| 3. The body of the box should be light but strong.                    |
| 4. Should have a digital temperature display unit.                    |
| 5. Should have a temperature range of -20 to +10 degrees C.           |
| 6. Should have a hermetically sealed compressor unit.                 |
| 7. Should work on both A/C and D/C.                                   |
| 8. Should have a battery backup of upto 10 hours.                     |

**3/16 SWIVEL STOOL WITHOUT BACKREST**

1. Should have a wide five leg caster base.
2. The casters should be 75mm in diameter heavy duty dual wheel and hooded.
3. Seat surface should be 300-350mm in diameter.
4. Should be able to carry a load of at least 200kg
5. Should have roud pad seat with a padding thickness of at least 70mm of dense foam. There should be beadless upholstery seam.
6. Should have selectable coloured seat covers of soft leather/rexin.
7. Should not be electrically conductive.
8. Seat height should be adjustable from 400 to 600mm.
9. Height adjustment should be based on <b>air cylinder (pneumatic) mechanism.</b>
10. The height control should be by a foot lever.
11. At least 2 year comprehensive warranty period should be quoted.

<b>3/17 SWIVEL STOOL WITH BACKREST</b>
1. Should have a wide five leg caster base.
2. The casters should be 75mm in diameter heavy duty dual wheel and hooded.
3. Seat surface should be 300-350mm in diameter.
4. Should be able to carry a load of at least 200kg
5. Should have roud pad seat with a padding thickness of at least 70mm of dense foam. There should be beadless upholstery seam.
6. Should have selectable coloured seat covers of soft leather/rexin.
7. Should not be electrically conductive.
8. Seat height should be adjustable from 400 to 600mm.
9. Height adjustment should be based on <b>air cylinder (pneumatic) mechanism.</b>
10. The height control should be by a foot lever.
11. Should have adjustable backrests covered with 70mm dense foam padding.
12. At least 2 year comprehensive warranty period should be quoted.

<b>3/18 MOBILE ONE SIDED SHELF RACKS WITH BASKETS</b>
1. Should be made of burr-free finish Cr-Ni stainless steel
2. Height should be 1500mm, with seamless welded construction.
3. Should be mounted on 4 double swivel 75mm diameter heavy duty castors, 2 with brakes, electrically conductive, wear resistant and cover plate protected.
4. Should be capable of bearing a load of at least 300kg.
5. Should have 3 pairs of hooks (one sided)
6. Load capacity per pair of hooks should be at least 100kg.
7. Each pair of hooks should hold a sterile goods basket made of Cr-Ni stainless steel.
8. At least 1 year comprehensive warranty period should be quoted.
<b>BASKETS</b>
1. Baskets should be made of Cr-Ni stainless steel with burr free finish, closed wire loops axially welded under the top frame, bottom frame constructed for stacking.
2. Each basket should have a front access slit and side catch opening.
3. The basket should be detachable from the rack hooks.
4. Baskets should be available in the following sizes:
a) 550 (L)x250 (W)x250 (H)mm.
b) 550 (L)x250 (W)x150 (H)mm.
5. At least 1 year comprehensive warranty period should be quoted.

**3/19 SURGICAL PATIENT POSITIONING SYSTEM**

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|---|
| 1. Should consist of soft vacuum pads made of soft latex free PVC fabric.   |
| 2. Should be supplied complete with pads of different sizes for head immobilization, full body support, Thyroid position, kidney position, lithotomy position, neck support, shoulder access, lateral position, esophagectomy position. |
| 3. Should be compatible with all types of vacuum sources including wall suction, aspirator pumps  |
| 4. Should be radiolucent and washable.  |
| 5. Should provide quick, stable and comfortable patient position during all kinds of surgeries.   |
| 6. Should facilitate maneuvering patients limbs without needing to change the position of the system.   |
| 7. Should be compatible for disinfection with the common liquid disinfectants.  |
| 8. Should be re-usable.   |
| 9. A minimum of 2 year warranty should be quoted.   |

<b>3/20      ADJUSTABLE MOBILE DRIP STAND WITH 4 HOOKS</b>
1. All Cr-Ni stainless steel construction with ultra-smooth satin finish.
2. Four Hooks with load capacity of at least 2kg per hook.
3. 4 heavy duty castors (75mm diameter) with brakes
4. Fully adjustable from 1330 - 2000mm (52" - 78").
5. Should have plastic drip cup with holder.
6. At least 1 year comprehensive warranty period should be quoted.

<b>3/21 OT INSTRUMENT TROLLEY</b>
• Should have fixed down turned shelves.
• Should be made of British standard 304 gauge stainless steel.
• Shelves should be 2 mm thick with a 240 silicon grain ultra smooth satin finish.
• Should have 75mm twin wheel braking castors.
• Should be available in 2 different sizes as mentioned below-
• Size- 900 x 450 x 850mm
1200 x 450 x 850mm
• At least 1 year comprehensive warranty period should be quoted.

<b>3/22      TWO STEP STOOL FOR OT</b>
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|---|
| 1. Should be a two step stool of size 600x650x220/440                             |
| 2. Surface should be ridged, slip-proof, removable made of Cr-Ni stainless steel. |
| 3. Should have electrically conductive rubber feet.                               |
| 4. Minimum load capacity should be 150 kg.  |
| 5. At least 1 year comprehensive warranty period should be quoted.                |

<b>3/23      MAYO TROLLEY OVER OT TABLE</b>
1. Double ended Mayo trolley
2. Should be made of Ni-Cr stainless steel seamless frame & tray with burr free finish
3. Approx Tray Size: 110 x80 cm
4. Frame work should be mounted on antistatic 10cm diameter, wear resistant castors with brakes.
5. Should be Height adjustable (by gear handle) from 900 mm to 1500mm.
6. The tray should be detachable from the horizontal tray frame for cleaning and washing purposes.
7. The tray should have raised sides (about 1-1.5inches) for fitting into the tray frame.
8. At least 1 year comprehensive warranty period should be quoted.

<b>3/24          SINGLE STEP STOOL FOR OT</b>
1. Should be a single step stool of size 600x350x150mm.
2. Surface should be ridged, slip-proof and removable made of Cr-Ni stainless steel.
3. Should have electrically conductive rubber feet.
4. Minimum load capacity should be at least 150 kg.
5. At least 1 year comprehensive warranty period should be quoted.

<b>3/25</b>	<b>LAPROSCOPIC BIPOLAR FORCEPS WITH MATCHING CABLE (SIZE 250m, 350m, 450m)</b>
1.	Fenestraed bipolar forceps inserts with tube 350mm (one unit), 250mm (one unit), 450mm (one unit) .
2.	To be introduced through 5mm cannulae
3.	Inserts should be Non Insulated
4.	Bipolar Angled Handle (one with each forceps, total 3 handles)
5.	Handle should be freely rotating (360degrees).
6.	4.5mm bipolar cable compatible with Martin-Berchtold-Aeculap should be supplied along with the Laparoscopic instruments.
7.	Minimum 2 year warranty with AMC rates for next 3 years should be quoted.

<b>3/26</b>	<b>LAPROSCOPIC BIPOLAR FORCEPS WITH AXIAL HANDLE</b>
1.	Fenestrated bipolar forceps insert 350mm
2.	To be introduced through 5mm cannulae
3.	Inserts should be non insulated
4.	Should be provided with a non rotating axial handle.
5.	4.5mm bipolar cable compatible with Martin-Berchtold-Aeculap should be supplied along with the Laparoscopic instruments.
6.	Minimum 2 year warranty with AMC rates for next 3 years should be quoted

<b>3/27 BIPOLAR IRRIGATION FORCEPS FOR OPEN SURGERY</b>
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|---|
| 1. Bipolar irrigation forceps 240mm (one unit) and 200 mm (one unit).   |
| 2. Configuration should be similar to the Gayet and/or Partenski modification.  |
| 3. 4.5mm bipolar cable compatible with Martin-Berchtold-Aeculap should be supplied along with the Laparoscopic instruments. |
| 4. Minimum 2-year warranty with AMC rates for next 3 years should be quoted.  |

**3/28 EXAMINATION LIGHT**

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|---|
| 1. Should have 50 watt halogen lamp.  |
| 2. Should deliver a bright white light.   |
| 3. Should have facility for adjusting light intensity.  |
| 4. Light head should not conduct heat so that the luminaire does not get heated up even after multiple examinations.  |
| 5. Should provide at least 6" homogenous spot of light with greater depth than the traditional gooseneck lights.  |
| 6. Should have a long flexible arm (each arm at least 24"), with ability for extension and rotation in different planes. (Single long flexible arm with a fiber-optic option is also acceptable). |
| 7. The lamp should be offset at an angle of 12 degree relative to the luminaire housing to provide an unobstructed view.  |
| 8. Multiple installation options such as wall mounted, mobile on a stand with high quality castors, desk mounted should be available.   |
| 9. A three year warranty period followed by two year AMC should be quoted.  |

<b>3/29 FLUID AND BLANKET WARMING CABINET</b>
1. Should be specific for warming intravenous/irrigation fluids and blankets.
2. Should be a complete stainless steel body.
3. Should have separate compartments with separate temperature controls for fluids and blankets.
4. Should have epoxy coated baskets with capacity of 12-15 litres for fluid storage.
5. Should have 3 compartments in the fluid compartment and 2 in the blanket compartment.
6. Should have individual temperature control for intravenous fluids and irrigation fluids.
7. There should be a 4-digit LED display for temperature.
8. There should be a safety alarm set to go off at a temperature 5 degree above set-point temperature.
9. There should be a built in lock to prevent inadvertent altering of temperature.
10. Should have auto time programming for auto on-off at selected times.
11. There should be glass window doors and interior lighting for easy visualization of contents.
12. Should have offset door handles.
13. The cabinet should be mounted on heavy duty castors with locking brakes.
14. Should have heat indicator light.
15. A warranty period of 2 years followed by 3 year AMC contract should be quoted.

<b>3/30 OPERATING MICROSCOPE</b>
1. Should have motorized zoom system ratio 1:6 adjustable via handgrip.
2. Should have multifocal objective lenses with continuously variable working distance between 200 mm and 450 mm and autofocus facility.
3. Should have motorized as well as manual focusing and magnification controls
4. Should have manual override and integrated continuously variable illumination field spot sizes.
5. Should have 10X widefield eyepieces with magnetic locks which can also be used by spectacle wearers.
6. Should have 12X magnification.
7. Should have continuously variable magnification changer
8. Should have large depth of field and 3D effect.
9. Should have auto adjustment of field of vision with magnification.
10. Should have auto-adjustment of light intensity with distance from tissues so that the tissues are protected from thermal injury.
11. Should have binocular eyepiece tubes with a 0-180 <sup>0</sup> angle of observation for main Surgeon (including all joints.) with interpupillary distance adjustable from 55mm to 75mm.
12. Should have symmetrical stereo bridge with inclinable binocular tubes and rotatable tube adaptors.
13. Should have controls of focusing and zooming via a foot switch and handgrip and also by a unit easily accessible on the microscope (hand and mouth)
14. Should have upto 9 user specific configurations with built-in auto-diagnostic system
15. Should have graphical LCD touch-screen that brings together display and control of all system functions into a single interface.
16. Should have built in Co-axial illumination from a high performance 180 W daylight color temperature Xenon lamps as well as a Xenon lamp as backup.
17. Maximum light intensity to the surgical field at 200mm working distance should not be less than 1000 KLx.
18. Should be mounted on a stable stand which is compact without any external weights should use contraves technology.
19. Should have a high overhead clearance.
20. The suspension system should have magnetic brakes that can be entirely or selectively released.
21. Should be mounted on 4 rotatable castors for optimum positioning over short and long distances.
22. Should have a wrap-around handle so that suspension system can be moved with utmost precision.
23. Should be able to balance Cantilever of atleast 140 cms automatically and quickly
24. Should have automatic balancing for swing arm and should be ergonomically designed to allow movement in all axis and over large ranges
25. Should have electromagnetic coupling with a single button release of all movements
26. Should have stereo bridge with integrated two additional output ports for connection of co observation device to enable face to face surgery
27. Should have provision and supplied with selection of different binoculars and co-observation tubes
28. Should have a stereo attachment for observer-positionable as desired in all three axes
29. Should have an integrated 3 CCD digital video camera with online digital medical grade video recording.

30. Should have facility with photo/TV dual attachment and optional still digital camera.
31. Should be accompanied by a high quality color photo printer.
32. Should have synchronized camera flash system activated via handgrips with 2 seconds repetition interval.
33. Should have 17" TFT monitor so that all OR staff can follow the procedure.
34. Should have provision of asepsis for all controls and special objective protective glass.
35. Should be operational between 170-260 V AC, 50 Hz and not require stabilizer.
36. Should have automatic circuit breaker.
37. All the cables should be integrated in the stand for protection.
38. Should be supplied with 2 Xenon bulbs and 1 fibre optic cable.
39. A warranty period of 5 years followed by 3 years AMC rates should be quoted.

<b>3/31      Arterial Line Contnous Cardiac Output Monitor</b>
For continuous monitoring of cardiac output, cardiac index, systemic vascular resistance, systemic vascular resistance index, stroke volume, stroke volume index, stroke volume variance through arterial line and central venous oxygen saturation, mixed venous oxygen saturation through central line. 220V, 50 Hz AC operation.
Monitor should be compatible with arterial line continuous cardiac output sensor and central venous catheter, which should give continuous ScVO <sub>2</sub> .
<b>DISPOSABLE TRANSDUCER</b>
For connections with arterial line and monitor for the measurement of continuous invasive blood pressure, cardiac output, cardiac index, systemic vascular resistance, systemic vascular resistance index, stroke volume, stroke volume index, stroke volume variance; for critically ill patients in shock; compatible with arterial line CCO monitor.
<b>CENTRAL VENOUS OXIMETRY CATHETER</b>
Central venous oximetry catheter with three lumens of 15, 18 & 18 G; 20 cm length; heparin & benzalconium coated, for monitoring continuous central venous oxygen saturation and mixed venous oxygen saturation; compatible with arterial line CCO monitor.

<b>3/32</b>		<b>MORTUARY CABINET</b>
1. Capacity	: -	2 body
2. Interior Finish	: -	Pre Painted / Stainless Steel
3. Exterior Finish	: -	Pre Painted / Stainless Steel
4. Front Finish & Trims	: -	Stainless Steel
5. Foamed Panels	: -	
Insulation Thickness	: -	80mm – 100mm
Insulation Material	: -	Rigid Polyurethane Foam (CFC Free), Density 40 kg/m <sup>3</sup>
Locking Mechanism	: -	Cam- Locks systems
6. Standard Accessories	: -	
Lamp	: -	Vapour Proof incandescent lamp, 40W
Temperature indicator		
Cum Controller	: -	Electronic with Digital display with or without audible Alarm
Carriage Assembly	: -	Three piece, Telescopic action, GI powder coated
Mortuary Tray	: -	One-piece stainless steel tray with tubular edge and handles. Railing for easy movement of stainless steel tray.
7. Doors	: -	Standard hinged door with easy grip handle & standard key lock
8. Refrigerating System (Roof Top Mounting Unitary): -		
Capacity (BTU/H)	: -	6,000 approx.
Power Supply	: -	230 V / 1 HP / 50 HZ
Compressor Power	: -	Heavy duty air cooler compressor
Operating conditions	: -	+2 to +8°C Ambient 4C
Refrigerant	: -	Environment friendly (CFC Free)

3/33	INSTRUMENT WASHER DISINFECTOR (FRONT LOADING, TABLE TOP & SINGLE DOOR)
Required instrument Washer Disinfector to automatically wash, disinfect & dry surgical & MIS instrument	
1. Should be CE certified equipment.	
2. Should have front loading bottom-hinged door (with glass window), completely in stainless steel AISI 304 and could be placed on table top.	
3. Should have 2 independent industrial grade microprocessor control with full text display and key pad; 2 standard programs and various freely programmable programs for thermal and chemical disinfection	
4. Should be fully constructed of good quality stainless steel with chamber & internal circuit realized in 304 L grade and exterior panels and frame also of 304 grade stainless steel. External dimensions should not exceed 700 x 600x 900 mm. (W x D x H)	
5. Integrated water softener with salt reservoir.	
6. Washer chamber should have two rotating spray arms, one fixed in the ceiling and one at the bottom of the chamber and there should be steel filter at the base of chamber	
7. Should have wash chamber capacity atleast 100 litre, with wash chamber approx 350 x 600 x 500mm (W x D x H)	
8. Priming cycle to be provided for automatic priming of chemical pump(s) on initial set up of the equipment or as needed.	
9. That standard disinfection programs shall have temperature ranges from 90-93 deg. C	
10. Should have 2 volumetric dosing pumps for liquid chemicals, including 2 high precision dosing controls (flow meters) for monitoring of dosing. 2 safety level controls for 5/10 ltr container	
11. Should have wash pump with capacity of 140 L/min, tank heating 2.5 kW for the supply to the rotating arms & the racks.	
12. Should have efficient hot air drying 80m <sup>3</sup> /h directly through the wash jet system for the drying in and outside.	
13. Should have fine filter for water for dirt protection and exhaust condenser to protect environment.	
14. Should have Water level sensors to monitor water level of the chamber sump line.	
15. Should have wash rack to Rack for 3 DIN-instrument trays in 3 levels.	
16. Should have wash rack to process rigid endoscopes, rack for kidney bowls and rack for instruments for minimal invasive surgery including 2 trays with plastic supports, 20 luer-lock connectors, 2x nozzle 3x50mm, 1x nozzle 4x120mm, 1x nozzle 6x250mm, 1x nozzle 8x 300mm, 10 x grommet nozzles with hose, luer-lock connector, Storz d = 5mm	
17. The unit should include various safety features indicating that the door is unlocked, the chamber temperature is below the set point or that hot water is present in the chamber when it should have been drained.	
18. Electrical installation: 230 V, 50 Hz	
19. The manufacturer should be an ISO 9001-2000 and ISO 13485:2003 certified company.	
20. Should be offered with at least 2 year of warranty.	

1. The instrument should be fully automated 3-part differential 18 parameter hematology analyzer offering automatic start-up, shutdown and sample-analysis.
2. The instrument should be able to report following 18 PARAMETERS: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW – SD OR CV, PLT, NEUT%, LYMPH%, MIX%, NEUT#, LYMPH#, MIX#, PDW, MPV, P-LCR. The 3-part diff should be classified into Lymphocytes, Mixed & Neutrophils by the instrument.
3. The instrument should have throughput of 60 samples per hour.
4. The instrument should be capable of sampling both open tubes and cap-piercing for vacutainer.
5. The equipment should have a small sample requirement preferably 20-25µL in predilute mode.
6. The instrument should have sample rotary valve for sampling for better accuracy and precision.
7. The instrument should employ time & volume count for better results.
8. The instrument should have MULTI-CHANNEL ANALYSIS FOR BETTER RESOLUTION
9. The instrument should have impedance method for RBC/Plt/WBC counting.
10. The instrument should Cyanide free –colorimetric method for the hemoglobin
11. The instrument should have facility to be connected to LAN and also host computer, also should have the facility of inbuilt printer measurement
12. Should have low sample running cost. Cost of reagents and per sample cost with 30 sample per day should be specified in the tender
13. The company supplying the instrument should have a good track record and service and distributor network all over India.
14. Demonstration of the equipment is required.
15. 5 Years CMC and 5 Years AMC
16. Zero down time. Immediate replacement equipment until repair.

**Annexure-3**

**Compliance Statement**

Tender item No. \_\_\_\_\_

Due for opening on: \_\_\_\_\_

Name of the equipment \_\_\_\_\_

<b>Specifications</b>	<b>Specifications of the offered Equipment</b>	<b>Compliance (Yes or No)</b>	<b>Deviations (In Unambiguous Tender)</b>

**Signature of the Tenderer**

**Name and Address with seal**

**Annexure-4**

**Pre-Qualification Bid Check List**

Tender Enquiry No. \_\_\_\_\_ Due for Opening on \_\_\_\_\_

Note: Tenderers must ensure that the following lists of documents are submitted along with Pre Qualification Bid Failure to submit any one of the following documents shall render the bid disqualified:

<b>Annexure No.</b>	<b>Documents</b>	<b>Yes</b>	<b>No</b>
5	EMD (in the form of Demand Draft/ Pay Order)		
6	IT Return & PAN number		
7	Acceptance for Warranty / Guaranty (2 years Comprehensive Warranty followed by 2 years free AMC (Labour only) on Rs. 50/- Stamp Paper		
8	Undertaking on Rs.50/- Stamp Paper		

**Signature of the Tenderer**  
**Name & Address with Stamp**

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(For official use only)

**Tender (PQB) Accepted/Rejected for further processing.**

**\* Tender rejected (Reasons for rejection.....)**

**Dated:**

**Signature**

**ANNEXURE-5**

**Earnest Money Deposit**

Tender Item No. \_\_\_\_\_ Due for opening on: \_\_\_\_\_  
Name of the equipment \_\_\_\_\_

EMD as required by this Tender Enquiry (T/E No. \_\_\_\_\_) is being submitted in the form of Demand Draft favoring PHC/Additional Secretary (Health) and duly discharged in his favour in advance.

Details of Demand Draft attached:

DD.No. \_\_\_\_\_ Dated \_\_\_\_\_

Drawn on (Bank) \_\_\_\_\_

Amount \_\_\_\_\_

**Signature of the Tenderer**  
**Name & Address with stamp**

**ANNEXURE-6**

**Income Tax return & PAN Number**

**Tender Item No.**\_\_\_\_\_ **Due for opening on:**\_\_\_\_\_

**Name of the equipment**\_\_\_\_\_

IT Return & PAN Number, as required by this Tender Enquiry (T/E No.\_\_\_\_\_) is being submitted along with this tender.

Details of IT Return & PAN number attached:

**Signature of the Tenderer**  
**Name & Address with stamp**

**Annexure-7**

**Warranty / Guaranty undertaking**

**Tender Item No.** \_\_\_\_\_

**Due for opening on:** \_\_\_\_\_

**Name of the equipment** \_\_\_\_\_

I/ we M/s \_\_\_\_\_ hereby declare that:

1. I/ We do Accept/ Agree for the Warranty / Guaranty (2 years Comprehensive Warranty followed by 2 years free AMC-Labour only) as per this tender Clause no. VII.
2. I/We do not charge/quote any extra price on account of the above said Warranty/ Guaranty.
3. I/ We do accept/ agree to provide Uptime Guaranty of 95% as per this tender clause no. VII (ii)

**Signature of the Tenderer**

**Name & Address with stamp**

**Annexure-8**

**UNDERTAKING**

**(To be submitted on Rs.50/- Stamp paper)**

**Tender Enquiry No.** \_\_\_\_\_ **Due for Opening on** \_\_\_\_\_

**Sir,**

I/ we \_\_\_\_\_ hereby declare that:

1. I/ we am/are the Manufacturers / Authorized Agents / Distributors of \_\_\_\_\_
2. I/ we do hereby offer to supply the stores at the prices and rates mentioned in the price bid.
3. I/ we agree to abide by my/our offer for a period of 180 days from the date of opening of the tender.
4. I/we agree for the all clause and payment terms and conditions of this tender enquiry.
5. I/ we have necessary infrastructure for the Maintenance of the Equipment bid and will provide all accessories / spares as and when required.
6. I/ we also declare that in case of change of Indian Agent or for any other change, merger, dissolution, solvency etc. in the organization of our Foreign Principals, we would take care of the Guarantee/ Warranty / Maintenance of the machinery / Equipment and have provided written confirmation for the same.
7. I/ we shall not dispatch the stores without confirmation from the hospital regarding the availability of CDEC/ NMIC etc. falling which the demurrage charges incurred in clearance of the consignment shall be borne by me/ us.
8. I/ we shall provide assistance to the consignee in clearance and delivery of stores at consignee's stores/ promises.
9. The demurrage/ storage charges, if any, payable due to non-receipt of required documents in time by the hospital/ delay due to incorrect entries, mistakes in the documents etc. shall be borne by me/us.
10. I/ we have carefully read and understood all the Terms and Conditions of the Tender and shall abide by them.
11. I/ we undertake to get the Equipments repaired within 48 hours of the receiving of the complaint from the Indenting Hospital failing which a penalty of @ 1% of the cost may be recovered from the Bank Guarantee before releasing the same to us after 2 years.

**Signature of the witness**

**Name & Address of witnesses**

**Signature of the tenderer**

**Name & Address of the Tenderer with seal**

**ANNEXURE-9**

**Price Bid**

Tender Enquiry No. \_\_\_\_\_

Due for Opening on \_\_\_\_\_

Name of Item \_\_\_\_\_

Item No. \_\_\_\_\_

<b>Sr. No</b>	<b>Item</b>	<b>Unit Cost</b>	<b>Total Cost</b>
A.	Main Equipment		
B.	Standard Accessories		
C.	Optional Accessories		
D.	Total Price (*FOB/FOR)		
E.	* Indian Agent Commission		
F.	* Total CIF Price		
G.	* Insurance & Freight Charges		
H.	Total effective price per Unit		

**Recurring/ Operating/ Running Costs/ Cost per Patient (Cost of consumables etc.)**

<b>Sl.No</b>	<b>Item</b>	<b>Unit Cost</b>	<b>Total Cost</b>
A.	Main Equipment		

**Signature of the Tenderer**  
**Name & Address with Seal**

**Seal of the firm**