

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH & FAMILY WELFARE**

**Procurement of Medical Equipments & Surgical Instruments to
Nursing College at Lady Hardinge Medical College &
Associated Hospitals, New Delhi**

Volume - I

NATIONAL COMPETITIVE BIDDING

APRIL 2012

HSCC (INDIA) LTD.

(Consultants & Engineers for Mega Hospitals & Laboratories)
E - 6 (A), Sector - I, NOIDA (U.P.) - 201 301 (INDIA)

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IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

Date: 13.04.2012

FORWARDING LETTER

To,
(Prospective Bidder).....
.....
.....

Our Ref.: IFB No. HSCC/PMD/PG-I/154/Medical Eqpt./2012 Dated 13.04.2012.

Your ref: _____

SUBJECT: INVITATION FOR BIDS FOR PROCUREMENT OF MEDICAL EQUIPMENTS
& SURGICAL INSTRUMENTS FOR NURSING COLLEGE AT LADY HARDINGE
MEDICAL COLLEGE & ASSOCIATED HOSPITALS AT NEWDELHI

Sir

1. Enclosed please find bid document for various **Groups** of items.
2. The last date for the submission of Bid and opening will be as per IFB. However, in the event of the day of receipt of EMD, Bid Document Fee & opening of tender being declared a holiday, the due date of receipt of EMD, Bid Document Fee & opening of tender will be the following working day at the same time.
3. The bidder is eligible to quote for all the **Groups** for which the payment of Bid Document Fee is made as per the Clause 9[B] of Instructions to Bidders.

Kindly acknowledge the receipt of the Bid Document.

General Manager (PG-I.)

- Encl: 1. Annexure-A – Important Clauses in brief.
2. Invitation For Bid (IFB).
3. Invitation For Bids (IFB) – Details
4. Section-I - Instructions To Bidders (ITB)
5. Section-II - General Conditions Of Contract (GCC)
6. Section-III - Special Conditions Of Contract (SCC)
7. Formats
8. Technical Specifications

Important Clauses in Brief, For Quick Reference only, (BIDDER MUST REFER ALL TERMS & CONDITIONS ETC. ENCLOSED WITH THE BID DOCUMENT IN DETAILS)

Instruction to Bidders (ITB)

1. **Bid Security Amount** - As given in IFB Details.
2. **Price Bid** - Please refer Clause 6 of ITB. Bidders to quote rate which is inclusive of all charges such as Basic cost of the item and its taxes, duties, warranty, transportation, insurance, and other incidental charges for the purpose of price evaluation of bids.
3. **Optional Items** - As per Clause 6.5 of ITB. Bidder in their own interest may mention separately for any Optional Items in the Technical Specifications/Technical compliance format. In case any Optional item offered by the bidder with main item, the rate of Optional item should be included in the rate of the main item and accordingly price comparison shall be done. If the bidder quotes any rate for Optional item in addition to the rate for its main item, in that case the rate for main item shall be taken in account for evaluation. No benefit shall be considered for inclusion of Optional Items in the Tendered Item.
4. **Manufacturer's Authorization** - As per Clause 7.2 (a) of ITB. The Bidder should give Manufacturer's authorisation for main item from the Principals'/manufacturers' of his choice (indigenous/imported) as per the Tender format.
5. **Bid Document Fee** - See Clause 9 [B] of ITB.
6. **Bid Validity** - 150 days as per Clause 10.1 of ITB
7. **Amount of Performance Security-** 10% as per Clause 24 of ITB.
8. **Preliminary Examination** - As per Clause 17 of ITB, the Bid Form, signed by the Bidder which stipulates acceptance of all the terms & conditions of bid document shall supersede all other terms & conditions given by the bidder in their bid.

General Conditions of Contract (GCC)

9. **Delivery** - 45 days as per Clause No.9 of GCC.
11. **Insurance** - 110% of Order Value as per Clause No.10 of GCC.

12. **Payment Terms** - 70% & 30%, as per Clause No. 12 of GCC.
13. **Liquidated Damages** - 0.5% per week upto 10% as per Clause No.15 of GCC.
14. **Warranty** - As per Clause 26 of GCC.

Minimum Qualification Criteria as per Clause 4 of SCC

15. **Minimum Qualification Criteria** - As per Clause 4 of SCC. The Bidder should give Manufacturer's authorisation for item from the Principals'/manufacturers' of his choice (indigenous/imported) as per the Tender format.
16. **Minimum Qualification Criteria** - The experience of having successfully completed similar works during last 5 years ending last day of month previous to the one in which applications are invited should be either of the following: -
- Three similar completed works each costing not less than the amount equal to 40% of estimated cost.
 - Two similar completed works each costing not less than the amount equal to 60% of estimated cost.
 - One similar completed work costing not less than the amount equal to 80% of estimated cost.
- Similar work** here means supply and installation of surgical instruments to the hospital
Bidders shall furnish "End User Certificates/Client Certificates" indicating contact details i.e. name of person, phone/fax /mobile nos. etc. **End User Certificates/Client Certificates should be those only for which Order Copies are being submitted by the bidder.**
17. **Other eligibility requirements** - As per Clause 4 B of SCC. The Bidder should submit audited balance sheets and Profit & Loss Accounts along with audited reports for the last 3 years to enable the purchaser to assess the financial capability of the bidder or positive net worth of the bidder.
18. **Bid Form** - To be submitted as per Clause 6 of SCC in the given format. In case Bid Form is not submitted by the bidder, their bid will be liable for rejection.
19. **Items & Quantities** - All items and its respective quantities of all Groups must be quoted as per Clause 8 of SCC.

HSCC (India) Limited.

(Consultants & Engineers for Mega Hospitals & Laboratories)
Plot No.6(A), Block-E, Sector-1,NOIDA - 201301 (U.P.)

INVITATION FOR BIDS (IFB) – National Competitive Bidding

IFB No. HSCC/153/PM/ Medical- Eqpt/LHMC/2012

Dated : 13.04.2012

1. On behalf of Director Lady Hardinge Medical College & Associated Hospitals (LHMC), New Delhi, **HSCC (India) Ltd, HSCC (India) Ltd**, invites sealed tenders in two bid system from the Suppliers/contractors/manufacturers for the following works:

Sl. No.	Name of Work	Estimated Cost (Rs.)	Bid Security (Rs.)	Cost of document (Rs.)	Period of Completion
1	Procurement of Medical Equipments & Surgical Instruments for Nursing College at Lady Hardinge Medical College & Associated Hospitals, New Delhi.	13 Lakhs	26000/-	2500/-	55 Days

2. Applicants may obtain the tender documents on any working day between **10.00 AM** and **4.00 PM** from **16.04.2012 to 01.05.2012** on written request from HSCC at the above address against a non refundable fee as specified above for above stated works separately payable in cash or in the form of Demand Draft/ Banker's Cheque in favour of **HSCC (INDIA) Limited** from any nationalized bank/ scheduled bank payable at **NOIDA / DELHI**. The applicant may collect the documents in person with authorization letter or on request, HSCC will promptly dispatch the documents by courier on payment of an extra amount of **Rs. 500/-** over & above the said document fee as indicated above, but under no circumstances HSCC will be held responsible for late delivery or loss of the documents so mailed.
3. Tender complete in all respect must be submitted in sealed envelopes, which must be either delivered by hand or by registered mail to **HSCC** at the above address so as to reach not later than **15.00 hours on 02.05.2012**. (Under no circumstances HSCC will be held responsible for late delivery or loss of the documents so mailed).Tender shall be opened on **02.05.2012 at 15.30 hours**.
4. LHMC/HSCC reserves the right to accept or reject any/all bids without assigning any reason.
5. Copy of tender document is available for viewing on our website, www.hsccltd.co.in or www.eprocure.gov.in. Applicants are also advised to keep checking the website regularly for any amendments/clarifications if any

General Manager (PG-1)

SECTION-I

INSTRUCTIONS TO BIDDERS (ITB)

This bid document should be read in conjunction with the Press Tender Notice/IFB, Ref. No. HSCC/153/PM/ Medical- Eqpt/LHMC/2012; Dated : 00.00.2012, a copy of which is enclosed in this document and all clauses to be read in conjunction with any other instruction given elsewhere, in this document, on the same subject matter of the clause.

1. THE BIDDING DOCUMENTS:

CONTENT OF BIDDING DOCUMENTS:

1.1 The Goods required, bidding procedures and tender & contract terms are prescribed in this Bidding Document and includes (i) IFB, (ii) IFB (Details), (iii) Section I (ITB), (iv) Section II (GCC), (v) Section III (SCC), (vi) Annexure-1 (Description & Specifications), (vii) Formats for Bid form, General Information, Structure & Organisation, Financial Capability, Performance Statement Proforma, Manufacturer's Self Authorisation form & Manufacturer's Authorization form, Commercial Compliance, Technical Compliance, Consignee receipt, Bid Security, Contract Form, Performance Security, Check List & ECS.

1.2 The Bidders are expected to examine all instructions, terms, specifications etc. in the Bidding Documents. Failure to furnish information required by Bidding Documents or submission of a Bid not in compliance to the Bidding Documents will be at the Bidder's risk and may result in rejection of its Bid.

1.3 COST OF BIDDING:

The Bidder shall bear all costs associated with the preparation and submission of its Bid, and LHMC acting through their Consultants, M/s HSCC (I) Ltd., hereinafter referred to, as "The Purchaser" will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

2. CLARIFICATION IN BIDDING DOCUMENTS:

A prospective Bidder requiring any legitimate clarification of the Bidding Documents may notify the Purchaser in writing at the Consultant's mailing address indicated in the Invitation for Bids within 7 days from the date of publication. The Purchaser will respond in writing to any request for clarification of the Bidding Documents that it receives. Purchaser's response (including explanation of the query but without identifying the source of inquiry) will be displayed on the website <http://www.hsccltd.co.in> & www.eprocure.gov.in. by the date mentioned in the Forwarding Letter.

3. **AMENDMENT OF BIDDING DOCUMENTS :**

- 3.1 At any time prior to the deadline for submission of Bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder modify the Bidding Documents by amendment.
- 3.2 The amendment will be notified on the web-site <http://www.hsccltd.co.in> & www.eprocure.gov.in.
- 3.3 In order to afford prospective Bidders reasonable time to take the amendment into account in preparing their Bids, the purchaser may, at its discretion, extend the deadline for the submission of Bids.

4. **LANGUAGE OF BID :**

- 4.1 The Bid prepared by the Bidder and all correspondence and documents relating to the Bid exchanged by the Bidder and the purchaser, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as it is accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Bid, the English translation shall govern.

5. **DOCUMENTS COMPRISING THE BID :**

The two-part Bid, that is, Techno-commercial bid and Price bid prepared by the Bidder shall comprise the following:

- a) Techno-commercial Bid (un-priced bid): This should interalia include the following:
- i) Bid Security furnished in accordance with Clause 9 [A].
 - ii) Detailed technical specifications of each item of Groups quoted and if applicable, along with Catalogue / Literature fabrication drawings of the goods offered (without indicating the prices).
 - iii) Statement of parameter-wise Compliance from Tendered Commercial conditions.
 - iv) Statement of parameter-wise Compliance & Deviations from tendered Technical specifications.
 - v) Authority Letter from manufacturer in case Bid is submitted by Agents;
 - vi) Last 3 years audited balance sheets duly stamped & signed by Chartered Accountant with Membership No.

- vii) Documentary evidence established in accordance with Clause 7 that the Bidder is qualified to perform the contract if its Bid is accepted.
 - viii) Documentary evidence established in accordance with Clause 8 that the Goods and Ancillary to be supplied by the Bidder are eligible Goods and Services and conform to the Bidding Documents;
 - ix) Proof of payment/furnished payment for Bid Document Fee as per clause 9[B].
- b) Price Bid: The rates of all items of all Groups in the Bill of Quantities (BOQ) should be neatly hand written. The rates shall be inclusive of all charges as per description given at Clause No. 6.

6. **BID PRICE :**

- 6.1 (a) The Price bid for all items to commensurate with scope of supply indicated against all Groups and should indicate rate for each item comprising cost of the items, freight, insurance, transit insurance, packing forwarding, VAT, Excise duty, Custom Duty, Inspection charges, road permit costs etc. and including charges whatsoever applicable, for equipment/instruments installation and commissioning with all the men and material required for the same and including charges, for **one year warranty** service with free labour and spares with downtime 2% during warranty period.

No other charges in addition will be payable on any account over and above price quoted. The rate should be given both in figures and words. **Offers with the rates quoted in ambiguous terms such as “freight on actual basis” or “taxes as applicable extra” or “packing forwarding extra” will render the bid liable for rejection.**

The bidder should quote all items of all Groups in the Bill of Quantity (BOQ) of the Price Bid and the bid shall be rejected in case any item/Group is left unquoted in the BOQ of Price Bid.

The prices are to be kept valid for acceptance up to 150 days from the date of the opening of bids.

Bidders in their own interest shall ascertain the eligibility of whatsoever concessions and exemptions eligible and applicable and shall advice the purchaser and quote accordingly.

6.1(b) **Offer for Import Origin Goods**

Offers for Import origin goods shall be quoted in INR in the same format of BOQ of the Price Bid.

- 6.1 (c) The rate of imported supplies in the BOQ of Price Bid should include all charges.

6.2 **Purchaser will evaluate the bids on the basis of rates quoted for all items for all Groups.**

- 6.3 **The Statutory Levies / Taxes/ Duties/ Cess or any new Levies/ Taxes/ Duties/ Cess on end product shall not be payable further.**
- 6.4 The bidder shall bear all taxes, duties, transportation, insurance and other incidental charges for the parts replaced or supplied during the Warranty period.
- 6.5 In case any Optional item offered by the bidder with main item, the rate of Optional item should be included in the rate of the main item. If the bidder quotes any rate for Optional item separately, in that case the rate for main item shall be taken in account for evaluation and supply of Optional item. No benefit shall be considered for inclusion of Optional Items in the Tendered Item.

7. **DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION:**

- 7.1 The Bidder shall, furnish, as part of its Bid, documents establishing the Bidder's qualifications to perform the contract if its Bid is accepted.
- 7.2 The documentary evidence of the Bidder's qualifications to perform the contract if its Bid is accepted, shall establish to the Purchaser's satisfaction:

- a) that, in the case of a Bidder offering to supply Goods of indigenous/ import under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorised by the Goods manufacturer or producer to supply the Goods. In this regard, the Bidder should submit an Authority Letter from their manufacturers.

In case of an item comprising group of sub-items, then Bidder may give Manufacturer's authorisation for main item from the Principals and other sub-items from other manufacturer's of his choice (indigenous/ imported) for which Bidder need not to submit Manufacturer's Authorization as per the Tender format.

- b) The Purchaser will determine to his satisfaction whether the Bidder selected is qualified as per requirement of minimum qualifying criteria to satisfactorily perform the contract;
- c) The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder as well as such other information as the Purchaser deems necessary and appropriate;

Notwithstanding anything stated above, the Purchaser reserves the right to assess the capability and capacity of the Bidder to perform the contract, should the circumstances warrant such as assessment in the overall interest of the Purchaser.

8. **DOCUMENT ESTABLISHING GOODS' ELIGIBILITY AND CONFORMITY TO BIDDING DOCUMENTS:**

- 8.1 The Bidder shall furnish, as part of its Bid, documents establishing the eligibility and conformity to the Bidding Documents of all Goods and services that the Bidder proposes to supply under the contract.
- 8.2 The documentary evidence of the Goods' and Services' conforming to the Bidding Documents may be in the form of literature, drawings and data, and shall comprise of:
- a) a detailed description of the Goods essential technical and performance characteristics;
 - b) **a clause-by-clause commentary on the Purchaser's technical specifications demonstrating the Goods and Services substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.**
- 8.3 For purpose of the commentary to be furnished pursuant to clause 8.2(b) above, the Bidder shall note that standards for workmanship, material and item, and reference to brand names or equipment, and reference to brand names or catalogue numbers designated by the Purchaser in its Technical Specification are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in its Bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions are substantially equivalent or superior to those desired & designated in the Technical Specification.

9.

[A] **BID SECURITY/EMD**

- 9.1 **The Bidder shall furnish, as part of its Bid, Security as indicated in Invitation for Bids (IFB)/ Press Tender Notice, in a separate single sealed envelope and shall be marked as given under clause 12.0 of this ITB. The Bid Security shall reach as per IFB.**
- 9.2 The Bid Security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture, pursuant to para 9.7.
- 9.3 **The Bid Security shall be in the form of Demand Draft/Banker's Cheque/Bank Guarantee/Fixed Deposit Receipt in favour of M/s HSCC (India) Limited, payable at Noida or New Delhi from a Nationalised/ Scheduled bank and it must be submitted by hand/post/courier in the office of GM (PG-I), HSCC (India) Ltd., E-6A, Sect-1, Noida-201301 (U.P.), on or before the due date & time of submission of bids. HSCC shall not be responsible for any delay in submission of Bid Security. Bid Security/EMD submitted in the form of Bank Guarantee to remain valid for a period of 45 days beyond the bid validity period (i.e. up to 165 days from the date of bid opening).**

Any bid received without Bid Security and with short of validity period as per tender requirements shall be rejected and shall not be considered for bid opening.

- 9.4 Any Bid not secured in accordance with paras 9.1 to 9.3 will be rejected by the purchaser as non-responsive pursuant to Clause 17 and following which both the techno-commercial & price bid will be treated as invalid.
- 9.5 Unsuccessful Bidder's Bid Security will be discharged/returned as promptly as possible but not later than 30 days after the expiration of the period of Bid Validity prescribed by, clause 10.
- 9.6 The successful Bidder's Bid Security will be discharged upon the Bidders furnishing the performance Security, pursuant to Clause 23 & 24.
- 9.7 The Bid Security may be forfeited:
- a) if a Bidder withdraws or modifies its Bid during the period of Bid validity; or
 - b) in the case of a successful Bidder, if the Bidder fails:
 - i) to sign the contract in accordance with Clause 23 ;
 - ii) to furnish Performance Security in accordance with Clause 24.
 - iii) if the bidder does not accept an error correction pursuant to clause 17.2
- 9.8 No interest will be payable by the Purchaser on the Bid Security.

9

[B] **Bid Document Fee:**

Bid Document Fee is Rs.2500/-. Bid Document Fee paid is non-refundable and the Bid Documents are non-transferable. Bidders will deposit the Bid Document Fee at HSCC office at Noida or attach along with Bid security of techno-commercial bid in case of downloading of tender document from website.. Bid document Fee should be either in Cash or through crossed account payee Demand Draft drawn in favour of HSCC (I) Ltd. drawn on any nationalized/Scheduled bank payable at NOIDA/New Delhi.

Any bid received without Bid Document Fee shall be rejected and shall not be considered for bid opening.

The bidder can contact HSCC, for any clarification in the matter.

10. **PERIOD OF VALIDITY OF BIDS:**

- 10.1 **Bids shall remain valid for 150 days after the date of Bid opening prescribed by the Purchaser, pursuant to Clause 13. A Bid expressed to be valid for a shorter period may be rejected by the Purchaser as non-responsive.**

- 10.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing or by cable. The Bid Security provided under Clause 9[A] shall also be extended suitably. A Bidder may refuse the request without forfeiting its Bid Security.

A bidder granting the request will not be required nor permitted to modify its bid.

11. **PREPARATION AND SIGNING OF BID:**

- 11.1 The Bidder shall prepare single stage Two part bids, i.e. Techno Commercial Bid (un-priced) and Price Bid. All Techno-commercial & Price Bid Formats of the bid document should be duly filled by the Bidders.
- 11.2 Unless otherwise mentioned, the bid shall contain all the documents including technical literature, catalogues, order copies, clients/end-user certificates for satisfactory performance of the goods offered, balance sheets etc. as per the requirement of Tender. The Bid shall be typed or written in indelible ink and shall be signed by the Bidder or persons duly authorised to bind the Bidder to the contract. **The authorisation shall be indicated by written power-of-attorney accompanying the Bid. All pages of the Bid, except for un-amended printed literature, shall be initialled and stamped by the person or persons signing the Bid.**
- 11.3 The Bid shall contain no inter-lineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the Bid.

12. **SUBMISSION OF BIDS:**

12.1 SEALING AND MARKING OF BIDS:

The Bidders shall seal the Bid in an inner and an outer envelope duly marking the envelopes, separately as “Techno-commercial Bid (un-priced)”, “Price Bid” and “Bid Security & Proof of payment of Bidding Document Fee” in a third envelope and all these three envelopes enclosed in another sealed envelope duly marked.

12.2 The inner and outer envelopes shall be:

- (a) Addressed to General Manager (PG-I), HSCC (I) Ltd., Plot No. E-6 (A), Sector - 1, NOIDA – 201 301 as indicated in IFB:
- (b) bear (the Project name), the Press Tender Notice reference, and the words "DO NOT OPEN BEFORE.....(the bidder has to put the date and the time of bid opening)

12.3 The inner envelope shall indicate the name and address of the Bidder.

12.4 If the outer envelopes is not sealed and marked as required in Para 12.2, the Purchaser will assume no responsibility for the Bid's misplacement or premature opening.

It is responsibility of the bidder to ensure that Bid along with EMD & Bid Document Fee whether sent by post or by person must reach to the office of Chief General Manager (FA & Proc.), HSCC (India) Ltd., E-6 (A), Sect-1, Noida-201301 (U.P.) by the specified submission date & time as per the bid document.

The Bid Security & Bid Document Fee should be in the form of Demand Draft in favour of HSCC (India) Ltd., drawn on any Nationalized/Scheduled Bank, payable at Delhi/Noida and must reach the office of General Manager (PG-I), HSCC (India) Ltd., E-6A, Sect-1, Noida-201301 (U.P.) by the specified submission date & time as per the bid document.

13. **DEADLINE FOR SUBMISSION OF BIDS i.e. TECHNOCOMMERCIAL BID (UNPRICED) AND PRICE BID INCLUDING BID SECURITY**

13.1 As indicated in the Press Tender Notice/IFB.

13.2 Bids must be received by the Purchaser on the specified date and time as mentioned in the bid document. In the event of due date being declared a closed holiday then the due date for submission of Bids and the opening of Bids will be the following working day at the appointed time.

A bid which is received after the specified date & time for receipt of the bids will be treated as late bid & will be ignored.

13.3 The Purchaser may at its discretion extend this deadline for the submission of Bids by amending the Bidding Documents in accordance with clause 3, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14. **LATE BIDS & MODIFICATIONS/WITHDRAWAL OF BIDS**

14.1 Any Bid received by the Purchaser after the deadline for submission of Bids prescribed by the purchaser, pursuant to clause 13 will be rejected.

14.2 The Bidder may modify or withdraw its bid after the bid's submission provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.

14.3 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of ITB Clause 12. A withdrawal (but not modification) notice may also be sent by cable or fax but followed by a signed confirmation copy, post marked not later than the deadline for submission of bids.

14.4 No bid may be modified subsequent to the deadline for submission of bids.

14.5 No bid may be withdrawn or modified in the interval between the deadline for submission of bids and the expiry of the period of bid validity withdrawal or modification of a bid during this interval may result in the Bidder's forfeiture of its security, pursuant to ITB Clause 9.7.

15. **OPENING OF BIDS BY PURCHASER:**

- 15.1 The Purchaser will open the Techno-commercial bid only, in the presence of Bidder's representatives who choose to attend, in the HSCC office, on the due date and time as mentioned in the IFB. The Bidder's representatives who are present shall, sign a register evidencing their attendance. The Bidders' representatives shall furnish letter of Authority as per bidding document format from their principals to attend the Bid opening.
- 15.2 The Bidders' names, the presence or absence of the requisite Bid Security, Document fee and such other details in brief as the Purchaser, at its discretion, may consider appropriate will be announced at the bid opening.
- 15.3 Price Bid of bidders whose offers (Techno-commercial bid) are found technically and commercially suitable and comply with the Bid will only be opened on a date to be intimated later to these bidders.
- 15.4 Bids that are not opened at bid opening shall not be considered further for evaluation irrespective of the circumstances. Withdrawn bids shall not be considered and returned unopened to the bidders.
- 15.5 Non-submission of Bid Security & Bid document fee by any bidder will render the bidder invalid and such bidder's bid will not be considered.

16. **CLARIFICATION OF BIDS:**

- 16.1 To assist in the examination, evaluation and comparison of Bids the Purchaser may, at its discretion, ask the Bidder for a clarification of its Bid.
- 16.2 Clarifications sought & reply received to be all in writing, no change in price or substance of Bid permitted.

17. **PRELIMINARY EXAMINATION:**

- 17.1 The Purchaser will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, stamped and whether the Bids are generally in order.
- 17.2 Arithmetical errors will be rectified on the following basis: - If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected (unless in the opinion of the purchaser there is an obvious error in the unit rate, in which case the total price against item would prevail and unit rate shall be corrected accordingly). If the supplier does not accept the correction of the errors, its Bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

- 17.3 The Purchaser may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such a waiver does not prejudice or offers the relative ranking of any Bidder.
- 17.4 Prior to the detailed evaluation, pursuant to ITB Clause 18, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Without prejudice to the generality of the foregoing deviations from or objections or reservations to critical provisions such as those concerning **Performance Security (GCC Clause 6) Warranty (GCC Clause 26). Force Majeure (GCC Clause 17), Applicable law (GCC Clause 22) and Bid Form (SCC Clause 6)** will be deemed to be a material deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- In case of any deviation to the Warranty (GCC Clause 26), Force Majeure (GCC Clause 17) and Applicable law (GCC Clause 22) in the Techno-commercial/ Price Bid, the Bid Form, signed and accepted by the Bidder, which stipulates acceptance of all the terms & conditions of tender document, shall super cede all other terms & conditions given in the tender by the Bidder.**
- 17.5 In normal circumstances if a bid is not substantially responsive, it will be rejected by the purchaser.
18. **EVALUATION AND COMPARISON OF BIDS:**
- 18.1 The Purchaser will evaluate and compare the Bids on the basis of techno-commercial evaluations followed by price bid evaluation.
19. **CONTACTING THE PURCHASER:**
- 19.1 Subject to Clause 16, no Bidder shall contact the Purchaser on any matter relating to its Bid from the time of the Bid opening to the time the contract is awarded.
- 19.2 Any effort by a Bidder to influence the Purchaser in the Purchaser's bid evaluation, Bid comparison or contract award decisions may result in the rejection of the Bidder's Bid.
20. **AWARD OF CONTRACT:**
- 20.1 **AWARD CRITERIA:**
- Subject to Clause 22, the Purchaser will award the contract to the successful Bidder whose Bid has been determined to be techno commercially acceptable and lowest, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

21. **PURCHASER'S RIGHT TO VARY QUANTITIES AT TIME OF AWARD:**

The Purchaser reserves the right at the time of award of contract to increase/decrease the total quantity of Goods and services for which bids have been invited by up to 25% of their value.

22. **PURCHASER'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS:**

The Purchaser reserves the right to accept or reject any Bid and annul the Bidding process and reject all Bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds of the purchaser's action. The purchaser is not bound to accept the lowest or any bid.

23. **NOTIFICATION OF AWARD AND SIGNING OF CONTRACT:**

23.1 Prior to the expiry of the period of Bid validity, the Purchaser will notify the successful Bidder by registered post/fax that its Bid has been accepted by enclosing detailed order copy in duplicate. This will constitute the formation of the contract and date of the contract shall be the date of each notification.

23.2 Upon the successful Bidder's returning back one copy of the order within 3 days duly stamped and signed as token of acceptance of the order on the said laid out terms and conditions and also furnishing to Performance Security i.e. Security Deposit pursuant to Clause 24, the Purchaser will promptly discharge Bid Security of successful bidder, pursuant to Clause 9[A], and also discharge Bid Security of unsuccessful bidders, pursuant to clauses 9.5.

24. **PERFORMANCE SECURITY:**

24.1 Within 10 days of the date of notification under Clause 23.1 the Successful Bidder shall furnish the Performance Security/Security Deposit for 10% of the contract price in the form of a Demand Draft/Bank Guarantee valid during the warranty period of 1 year from installation & commissioning of item, drawn in favour of HSCC (INDIA) Limited payable at Noida from a Nationalised/Scheduled 1st Class bank.

24.2 Failure of the successful Bidder to comply with the requirement of Clause 23 and Clause 24 shall constitute sufficient grounds for the annulment of the award and the Contract and forfeiture of the Bid Security, in which event the Purchaser may go for fresh tendering.

25. **LOCAL CONDITIONS:**

It will be imperative on each Bidder to fully acquaint himself of all the local conditions and factors that would have any effect on the performance of the contract and cost of the Goods. The Purchaser shall not entertain any request for clarifications from the Bidder regarding such local conditions. No request for the change of price, or time schedule of delivery of Goods shall be entertained after the Purchaser accepts the Bid.

General Manager (PG-I)

SECTION-II

GENERAL CONDITIONS OF CONTRACT (G.C.C.)

1. DEFINITIONS:

1.1 In this contract, the following terms (whether or not spelled with an initial capital letter) shall unless the context otherwise requires be interpreted as indicated.

- (a) "The contract" (or "this contract") means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein and includes the Instructions to Bidders (ITB).
- (b) "The Contract Price/All inclusive lump sum Price" means the price payable to the supplier under the contract for the full and proper performance of its contractual obligations;
- (c) "The Goods" means all of the equipment, instruments, item and/or other materials, which the Supplier is required to supply to the Purchaser under the contract;
- (d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services;
- (e) "The Purchaser" means the organisation purchasing the Goods i.e. Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi, acting through their Consultants HSCC (I) Ltd.
- (f) "The Supplier" means the individual or firm supplying the Goods and services under this contract;
- (g) "Consignee" means where the Goods are required to be delivered at the destination, i.e. Consignees as designated by Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi,.

2. APPLICATION:

2.1 These General "Conditions" shall apply to the extent that provisions in other parts of contract do not supersede them.

3. STANDARDS:

3.1 The Goods supplied under this contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods and such standards shall be the latest issued by the concerned institution.

4. **USE OF CONTRACT DOCUMENTS AND INFORMATION:**

- 4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the contract or any provision thereof, or any specification, plan, drawing, pattern sample, or information furnished by or on behalf of the Purchaser in connection there with, to any person other than a person employed by the Supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- 4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any documents or information enumerated in para 4.1 except for purposes of performing the contract.
- 4.3 Any document, other than the contract itself enumerated in para 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the contract if so required by the Purchaser.

5. **PATENT RIGHTS:**

- 5.1 The Supplier shall indemnify the Purchaser against all third party claims of infringement of patent, trademark, or industrial design right arising from use of the Goods or any part thereof.

6. **CONTRACT PERFORMANCE SECURITY (SECURITY DEPOSIT):**

- 6.1 Within 10 days after the Supplier's receipt of award notification and order copies of the contract, the Supplier shall furnish performance Security to the Purchaser in the amount specified (IFB) in the document.
- 6.2 The Performance Security as deposited by the supplier shall be used by the purchaser as compensation for any loss or any dues recoverable from the supplier (including liquidated damages where applicable) resulting from the Supplier's failure to complete its obligations under the contract. The Purchaser may retain the whole or such part of it as it considers to be sufficient compensation for such loss. In such an event the balance amount (if any) shall be returned to the supplier not later than the expiry of the period stated in clause 6.3.
- 6.3 The Performance Security unless deposited under GCC clause 6.2 will be discharged by the purchaser not later than 30 days following the date of completion of the suppliers performance obligations, including the warranty obligations under the contract.

7. **INSPECTION & TESTS:**

- 7.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the contract. The Special Conditions of Contract and/or the Technical Specifications specify what inspection and tests the Purchaser requires and where they are to be conducted then such specification shall be complied with for the

Goods to which it applies. The Purchaser shall notify the Supplier in writing of the identity of any representative retained for these purposes.

- 7.2 The inspection and tests may be conducted on the premises of the Supplier or its Sub-Supplier (s) at point of deliver and/or at the Goods' final destination. Where conducted on the premises of the Supplier or its Sub-Supplier(s), all reasonable facilities and assistance including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser.
- 7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject them and the Supplier shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Purchaser.
- 7.4 The Purchaser's right to inspect, test and where necessary reject the Goods after the Goods' delivery to the Consignee shall in no way be limited or waived by reasons of the Goods having previously been inspected, tested and passed by the Purchaser or his representative prior to the Goods, shipment.
- 7.5 Nothing in Clause 7 shall in anyway release the Supplier from any warranty or other obligations under this contract.

8. **PACKING:**

- 8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand without limitation, rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate the remoteness of the Goods' final destination and absence of heavy handling facilities at all points in transit.
- 8.2 The packing marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:
 - (a) a packaging note quoting the name of the purchaser
 - (b) the number and date of order
 - (c) nomenclature of the goods
 - (d) schedule of parts for each complete goods giving part number with reference to assembly
- 8.3 Notwithstanding anything stated in this clause, the supplier shall be entirely responsible for loss, damage, deterioration, and depreciation of the goods due to faulty protective & insecure packing and shall arrange for prompt replacement.

9. **DELIVERY:**

9.1 **Delivery of the Goods shall be made by the Supplier within 45 days** from the date of contract and **installation and commissioning to be done wherever applicable within 10 days thereafter.** The total period of completion is 55 days from the date of contract order. In case spare parts and tools are also ordered with the Goods, the Bidder will undertake to offer spare parts and tools for delivery along with the main Goods only and not before.

10. **INSURANCE:**

10.1 The Goods supplied under the contract shall be fully insured including transit insurance against various risks as required or approved by the Purchaser arising out of transportation, storage, delivery, erection, installation, testing and commissioning at his cost up to delivery at site. Insurance policy shall be valid upto date of installation & commissioning of goods at site. Proof of Insurance shall be made available before issuance of dispatch clearance.

10.2 For delivery of goods at site, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "Ware house to ware house" (final destination) on "all risks" basis including war, risks, strikes, erection, storage, fire, theft, terrorism, natural calamities etc. In any event the Goods are at the suppliers risk and should be under valid Insurance policy until their delivery, installation & commissioning at site.

11. **TRANSPORTATION:**

To be arranged by the supplier up to consignee duly insured.

12. **PAYMENT:**

12.1 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing as appropriate, the Goods delivered and Services performed and by shipping documents, such Goods to be duly certified and wherever applicable supported with documentary evidence in support there of Satisfactory installation duly certified by authorised personnel of Lady Hardinge Medical College & Associated Hospitals, New Delhi, /HSCC authorities shall accompany for release of balance payment.

12.2 **FOR INDIGENOUS GOODS & IMPORTED ORIGIN GOODS QUOTED IN INDIAN RUPEES:**

Both, for Indian origin goods quoted directly by Indian manufactures only as well as for imported origin goods quoted in Indian Rupees by Indian Agents duly authorized by foreign manufacturers as per tender conditions. To be read in conjunction with clause 6.0 of ITB.

- i) **70% of the invoice value** will be made within 30 days as per provisions in Clause GCC 15 on receipt of following necessary documents:
- 1). Country of Origin Certificate
 - 2). Quality & Quantity Certificate
 - 3). Packing List
 - 4). Internal Factory Inspection Report
 - 5). Warranty Certificate
 - 6). ISO Certificates
 - 7). Copy of Airway Bill/Bill of Lading (in case of imported goods)
 - 8). Copy of Bill of Entry (in case of imported goods)
 - 9). Insurance certificate valid up to installation & commissioning of Equipment/instrument/goods at site
 - 11). Invoice
 - 12). Dispatch Clearance Certificate of HSCC
 - 13). Consignee Receipt Certificate from Lady Hardinge Medical College & Associated Hospitals, New Delhi, /HSCC
 - 14). Transportation Invoice
- ii) **Balance 30% payment** subjected to clause 6.1 of ITB will be released within 30 days, upon receipt of following documents as per provisions in Clause GCC 15.
- 1). Satisfactory Installation & Commissioning Certificate and Consignee Receipt Certificate from Lady Hardinge Medical College & Associated Hospitals, New Delhi, /HSCC.
 - 2). Transportation Invoice
 - 3). Invoice
 - 4). Warranty Certificate

All such Invoices/Certificates/Reports as mentioned above shall be addressed as:

Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi,

Through

HSCC (India) Ltd., Noida (UP).

All such Invoices/Certificates/Reports as mentioned above shall be addressed as:

Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi,

Through

HSCC (India) Ltd., Noida (UP).

- 12.3 **The stores (both Indian & Import origin goods) should be despatched only after ensuring prudent inspection carried out jointly by the team experts from HSCC and Lady Hardinge Medical College & Associated Hospitals and proof of such documents submitted to HSCC for the goods inspected. Inspection team shall carry-out testing of**

goods and submit test reports along with confirmation of item-wise technical compliance of the goods with respect to tender specifications. HSCC on receipt of such documents shall issue Dispatch Clearance Certificate.

To enable HSCC to issue Despatch Clearance Certificate, supplier/manufacture is to furnish following documents:

- 1). Country of Origin Certificate
- 2). Quality & Quantity Certificate
- 3). Internal Factory Inspection Report
- 4). Warranty Certificate
- 5). ISO Certificates
- 6). Inspection Report for conformity to tender specifications

All such Invoices/Certificates/Reports as mentioned above shall be addressed as:

**Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi,
Through
HSCC (India) Ltd., Noida (UP).**

After scrutiny, if the documents found in order, **Dispatch Clearance Certificate** shall be issue to the supplier.

No goods (both Indians & Import origin goods) shall be despatched before issue of Despatch Clearance Certificate by HSCC.

13. **PRICES:**

13.1 Prices charged by the Supplier for Goods delivered and Services performed under the contract shall not vary from the prices quoted by the Supplier in its Bid.

14. **DELAYS IN THE SUPPLIER'S PERFORMANCE:**

14.1 The time and the date specified in the Contract for the delivery of the Goods shall be deemed to be the essence of the Contract.

14.2 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.

14.3 An unexcused delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to any or all of the following sanctions, forfeiture of its Performance Security in accordance with Clause 6.2, imposition of liquidated damages and/or termination of the Contract for default.

14.4 If at any time during performance of the Contract, the Supplier or its sub-Supplier (s) should encounter conditions impeding timely delivery of the Goods and performance of the Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice the Purchaser shall evaluate the situation and may at its discretion extend

the supplier's time for performance by such period as the purchaser may think fit and shall in the case of Force Majeure extend such time by such period as the Purchaser shall consider fair and reasonable. Clause 14.1 stands extended to include this.

15. **LIQUIDATED DAMAGES:**

15.1 Subject to force majeure, if the Supplier fails to deliver any or all of the Goods or perform the Services within the time period(s) specified in the Contract the Purchaser shall, without prejudice to its other remedies under the Contract or extended under clause 14.3, deduct from the Contract price, as Liquidated Damages, a sum equivalent to **0.5% of the price of the delayed Goods or unperformed Services for each week of delay until actual delivery or performance, up to a maximum deduction of 10% of the value of the delayed portion of work.** Once the maximum is reached, the Purchaser may consider termination of contract.

16. **TERMINATION FOR DEFAULT:**

16.1 The Purchaser may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, terminate the Contract in whole or in part.

(a) If the Supplier fails to deliver any or all of the Goods within the time period(s) specified in the Contract, or any extension thereof granted by the purchaser pursuant to Clause 14, or

(b) If the Supplier fails to perform any other obligation(s) under the Contract.

16.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to para 16.1, and without prejudice to the Purchaser's other remedies, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered or unperformed and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods. However, the Supplier shall continue performance of the Contract to the extent not terminate.

17. **FORCE MAJEURE:**

17.1 Notwithstanding the provisions of Clauses 6,14,15,16, the Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

17.2 For purposes of this clause and clauses 14.3, 15.1 & 17.3 "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault of negligence and not foreseeable. Such events may include but are not restricted to, acts of the Purchaser either in its sovereign or contractual capacity, wars or sovereign or contractual capacity wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

17.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the

Contract as far as is reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 17.4 In case of Force Majeure event, the Purchaser is unable to fulfil its contractual commitment and responsibility, the Purchaser will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraph. In such an event, supplier shall not raise any claim against the Purchaser.

18. **TERMINATION FOR INSOLVENCY:**

- 18.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent (which events shall of themselves be a breach of the contract on the part of the supplier), provided such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

19. **TERMINATION FOR CONVENIENCE:**

- 19.1 The Purchaser may, by written notice sent to the Supplier, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the contract is terminated and the date upon which such termination becomes effective.
- 19.2 The goods that are complete and ready for shipment within 20 days after the Supplier's receipt of notice of termination shall be purchased by the Purchaser at the Contract terms and prices. For remaining Goods the Purchaser may elect:
- (a) To have any portion completed and delivered at the Contract terms and prices; and/or
 - (b) To cancel the reminder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

20. **RESOLUTION OF DISPUTE**

- 20.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 20.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute either party may require that the dispute be referred for resolution to the Indian Arbitration by Indian Council of Arbitration in accordance with the Arbitration & Reconciliation Act 1996 with latest amendments if any.
- 20.3 Venue of Arbitration shall be at Shillong.

21. **GOVERNING LANGUAGE:**

21.1 The Contract shall be written in the language of the Bid (English Language) as specified by the Purchaser. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in that same language.

22. **APPLICABLE LAW:**

22.1 The Contract shall be interpreted in accordance with the laws of Union of India.

23. **NOTICES:**

23.1 Any notice given by one party to the other pursuant to the contract shall be sent in writing or by telegram or cable and confirmed in writing to the address specified for that purpose in the Special Conditions of Contract.

23.2 A notice shall be effective when delivered or on the Notice's effective date, whichever is later.

24. **TAXES AND DUTIES:**

24.1 Supplier shall be entirely responsible for all taxes, duties, license fees etc. incurred until delivery of the contracted Goods to the Purchaser.

25. **The Bid Security of successful tenderers will be released after receipt of contract performance security and contract formation under clause of 23.1 of ITB.**

26. **WARRANTY (For Goods, Accessories, Software & Hardware):**

26.1 The supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent of current models and incorporate all recent improvements in design and materials both in Hardware and Software, unless other wise provided in the Contract. The supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevalent in India.

26.2 **This warranty shall remain valid (subject to clause 26.4) for 12 months after the Goods have been satisfactorily installed & commissioned as duly certified by the appropriate authority.**

26.3 The Purchaser shall promptly notify the supplier in writing of any claim arising under this warranty.

26.4 Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, free of cost at the site. The Supplier shall take the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the

purchaser for the replaced parts thereafter. The warranty period will stand extended accordingly.

- 26.5 If the Supplier having been notified fails to remedy the defect (s) within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract or in Law.
- 26.6 The Purchaser reserves the right to reject any set of goods found defective within 30 days after the date of acceptance of goods. The cost towards replacement will have to be borne by the supplier.
- 26.7 Nothing in this clause 26 shall affect the Purchaser's other rights under the Contract or in Law.

27 INSPECTION & TEST PROCEDURES:

- (i) The Stores will be inspected at HSCC's sole discretion before packing at the manufacturer's premises and on receipt at site by Director, Lady Hardinge Medical College & Associated Hospitals/HSCC nominated representatives. The decision of Director, Lady Hardinge Medical College & Associated Hospitals /HSCC in the matter of acceptability of the stores will be final and binding. In case Director, Lady Hardinge Medical College & Associated Hospitals /HSCC desires, the demonstration/inspection and trials/testing will have to be got conducted at site at no extra cost.

**28 SUPPLY, INSTALLATION AND COMMISSIONING AND WARRANTY SERVICING:
(IN RESPECT OF GOODS)**

The Supply, Installation and Commissioning of the equipment & trial run have to be done at site by the supplier/or his authorised agent. No additional charges for installation and commissioning will be paid. The Supplier and Indian agent shall be liable for this service for goods of import origin.

29 TRAINING: (If required)

Free demonstration, operational and maintenance training will have to be provided at the site of installation to the assigned personnel, during trial period.

30 MANUALS:

The Supplier has to provide **three sets** of operation manuals and maintenance manuals along with each goods to each consignee and one set of Operation & Maintenance Manual is to be provided to Purchaser while claiming 80% payment. The maintenance manual should give details up to component level and the faultfinding procedure with detailed illustrations.

31 JURISDICTION:

All disputes arising out of the contract shall (subject to clause 20) be subject to the jurisdiction of the appropriate court at NewDelhi only.

Special Note: (Forming part of SCC).

- i) HSCC is not bound to accept the lowest tender or any tender or to assign any reasons for non-acceptance.
- ii) HSCC reserves right of selection of goods without restrictions to price factor alone.

General Manager (PG-I)

SECTION-III

SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever, there is a conflict, the provisions herein shall prevail over the General Conditions of Contract.

1. The Performance Security unless deposited under GCC Clause 6.2 will be discharged by the purchaser not later 30 days following the date of completion of the supplier's performance obligations, including the Warranty obligations under the contract.
2. Insurance: For delivery of goods at site, the insurance including transit insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destination) on "all risks" basis including war, risks, strikes, erection, storage, fire, theft, terrorism, natural calamities etc. In any event the Goods are at the Supplier's risk and should be under valid Insurance Policy until their delivery, installation & commissioning at site.
3. For Import origin goods quoted, the Supplier or the Indian agent shall have to arrange at his own cost for all import/custom clearance handling formalities. Purchaser shall not provide the CDEC (Custom Duty Exemption Certificate), Octroi Exemption Certificate, etc. wherever required.
4. **A. Minimum Qualification Criteria :**

Qualifying Minimum Requirements:

(To be supported with documentary evidence strictly as per instructions given as foot-note under Proforma for Performance Statement)

- i) **Bidder should be a regular manufacturer or an authorised agent for the type of stores offered.**
- ii) **An authorised Indian agent could be only for an imported origin goods duly authorized by the foreign principal quoting through the Indian agent.**
- iii) In case of a goods comprising of assembly of items, then the manufacturer/agent may give Self Manufacturer's/Manufacturer's authorisation for main item.
- iv) The experience of having successfully completed similar works during last 5 years ending last day of month previous to the one in which applications are invited should be either of the following: -
 - a) Three similar completed works each costing not less than the amount equal to 40% of estimated cost.
 - b) Two similar completed works each costing not less than the amount equal to 60% of estimated cost.
 - c) One similar completed work costing not less than the amount equal to 80% of estimated cost.

Similar work here means supply and installation of surgical instruments to the hospital

- d) The Bidders shall furnish “**End User Certificates**” which shall indicating end-users contact details i.e. name of hospital, doctor, phone/fax/mobile nos. etc. Bidders shall also certify that they have not supplied goods with similar specification to any other organisation, at prices lower than the rates offered in response to the present IFB.
- v) Foreign bidder’s performance report shall include same Indian agent by which this current bid is quoted.
- vi) Alternatively foreign bidder’s performance in India could be seen in isolation in the event of quoting through new Indian agent duly authorized by him.

B. Other eligibility requirements:

- i) Bidder should have a present installed capacity/sales capacity to match the delivery requirements.
- ii) **The Bidder should submit audited balance sheets for the last 3 years (2008-09, 2009-10, 2010-11) duly signed and stamped by Chartered Accountant with their Membership Number and Profit & Loss Account along with audited report for the last 3 years to enable the purchaser to assess the financial capability of the bidder or positive net worth of the bidder.**

Not withstanding anything stated above, the purchaser reserves the right to assess the capability and capacity of bidder to perform the contract.

- iii) The firm should submit an affidavit duly notarized that they have not abandoned any work of Union Government / State government/ PSU’s etc. during the last 5 years. They should submit an affidavit that they have not been blacklisted, debarred, declared non performer or expelled by Union Government / State Government/ PSU’s etc. during the last 5 year (1st April 2007 – 31st March 2012).

- iv) Clause 13 shall apply for the relevant items.

5. **Five years Performance Statement:** Bidders should give performance statement of orders for similar items satisfactorily executed to sizeable value both in quantity & cost in comparison to goods offered in the price bid.

6. **Bid Form: To be submitted by all bidders as per format enclosed. In case Bid Form is not submitted by the bidder as per format, their bid shall be liable for rejection.**

7. In respect of goods, charges for 1 year warranty with all taxes & duties should be added to the rate offered for purpose of evaluation of bids.

8. **Miscellaneous:**

- a) **The bid shall stand rejected if all the items and quantities of all Groups are not quoted.**
- b) **Evaluation will be made on the basis of rate (inclusive of all charges) offered.**

- d) i) Bidders are requested to quote for the proven and time tested renowned brands of goods/accessories having countrywide reputation and acceptance. The Purchaser, however, reserves the right to decide on it's own as to which of the brand/makes quoted by the bidders are to be considered or not to be considered as proven/reputed, for the purpose of evaluation.
- ii) No bidder for the purpose of offering lowest price shall quote for local brands/refurbished/ reconditioned stores, which are not time tested, as these would be liable for rejection.
- iii) Bidder in their own interest can include items and services separately if in the view of bidder, the purchaser unknowingly omitted or expressively not indicated the requirements of items/services without which, the commissioning or acceptance or otherwise of the main item of the bidder will be a doubtful proposition.
- f) The Supplier directly or through his Indian agent wherever applicable will be liable for the contractual obligation including delivering the ordered goods and for undertaking satisfactory installation and commissioning etc. including warranty servicing.
9. Bidders are to inspect the site premises and the proposed place of installation of goods and certify their satisfaction that the proposed site is suitable and compatible for the installation of the offered unit. Bidder may take up with consignee for their site visit.
10. Bidders are to ascertain normal power supply fluctuation range and to certify that it is compatible with the offered unit of goods. A guarantee to such effect should be offered by each bidder along with details of electrical appliances proposed to be deployed for taking care of such fluctuation.
11. Bidder's offer should be on a "Turnkey" basis for inclusion of all costs incidental to the same.
12. The substantial responsiveness of bidder will be determined as per HSCC'S own qualitative internal assessment in consultation with consignee, and with reference to bidders reasonable level of compliance to various stipulated terms and conditions in the Bid Document, Compliance to submission of various documentary supporting evidence, other related information along with the bid, the degree of performance status, and high order value execution for prestigious good clients etc. weight-age given to bidder on qualitative basis by the evaluation committee, besides other merits of the bidder such as proven source market reputation, past experience and feed back gained in respect of bidder etc. Accordingly, in line with the above, the purchaser reserves the right as not liable to bidder on account of this prudent internal assessment and that bidder shall have not claims whatsoever.
13. Bidders must take into consideration in its bid, costs to be incurred for any additional work pertaining to civil, Electrical, Plumbing, sanitary, Radiation protection as per Govt. regulation, furniture, servo stabilisers, U.P.S. etc. required for successful installation testing and commissioning of the system and the rate should include all such costs, each item is to be considered a package in itself and suppliers to execute the order package on a "turnkey basis" including all civil, electrical, air-conditioning & allied requirement for the goods, at the site allocated by Director, Lady Hardinge Medical College & Associated Hospitals, New Delhi.

14. Every effort has been taken to put forth general specifications in this bid documents. If inadvertently, any of the specification drawn happens to match with the specifications of any one particular firm's product only, in respect of critical parameters, than it will not automatically mean that this particular firm's offer is only technically suitable. In general, the specifications offered by other firms will be assessed in their own entirety to ascertain whether or not the broad functions in general expected of the goods are available with reasonable tolerance on the desired requirements of the purchaser and accordingly the offers would be considered based on prudent assessment of the purchaser.
15. Bidders who have paid the Bid Document Fee as per Clause 9[B] of ITB & Bid Security as per Clause 9[A] of ITB are only eligible to quote.
16. The supplier/manufacturer shall be made responsible for organising timely clearance/delivery of the goods and shall also arrange to transport the goods to the destination including installation and commissioning of the same. Necessary insurance shall also be arranged by the supplier/manufacturer covering all these activities including transit insurance from destination to destination.
17. To ensure timely completion of project, in the event of receipt of only one bid or few bids received for any item/group not fully meeting all tendered conditions, then the tender committee constituted could take prudent decision to accept the offer(s) which first comply by legitimately relaxing any one non stringent condition without affecting major functional requirement.
18. **The following clause needs to be read in conjunction with Clause 6 of ITB and Clause 26.2 of GCC & will prevail upon the description given for warranty elsewhere in the tender document/ with item Specifications.**

Warranty for goods:

Supplier/Manufacturer should provide 1 year full onsite comprehensive warranty with spares from the date of installation. Warranty will start only from the date of final acceptance of the goods at the department and price quoted inclusive of these criteria.

98% up-time warranty period of complete goods with extension of Warranty period by double the down time period (with downtime not more than 48 hours) on 24 hrs. x 7 days x 365 days basis.

19. If bidder has any additional advanced applications or technique available with them, the same may be quoted as option. Optional item(s) price(s) should be included in the quoted rate as per BOQ formats of the Price Bid.

Note: Rates of optional items if quoted separately by the bidders shall not be considered for price evaluation. The price of any item quoted as optional item by the bidder but which is actually part of standard tender specification, shall be considered together with quoted rate of tendered items, for evaluation purpose.

General Manager (PG-I)

FORMATS

BID FORM

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

Dated : _____2012

To : Director,
Lady Hardinge Medical College & Associated Hospitals, NewDelhi.
Through
HSCC (India) Ltd.
E-6(A), Sector –I, Noida (U.P.) 201301

Having examined the Bidding Documents including Addenda Nos. _____ (insert number), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply for installation , testing and commissioning of Medical Equipments & Surgical Instruments for Nursing College at Lady Hardinge Medical College & Associated Hospitals, New Delhi.in conformity with the said Bidding Documents in accordance with the rates and quantities of BOQ attached in the Price Bid and made part of this Bid.

We confirm that we quote rates for all items of all groups of the BOQ of the Price Bid.

We undertake, if our Bid is accepted, we will submit performance security in a sum of equivalent to 10% of the Contract Price for the due performance of the contract and deliver the Goods in accordance with the Delivery Schedule specified in the Schedule of Requirements.

We abide by this bid for the Bid validity period 150 days as specified in Clause 10.1 of ITB and it shall remain binding on us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988"

We understand that you are not bound to accept the lowest or any bid you may receive

We agree to accept all terms & conditions of the tender document.

Dated this _____ day of _____20____

Signature _____
(in the Capacity of _____
Duly Authorized to sign bid for and on behalf of _____

GENERAL INFORMATION

All individual firms applying for tender are requested to complete the information required for pre qualification in this form. Information to be provided for all owners or applicants who are partnerships or individually-owned firms:

1.	Name of firm:
2.	Head office address:
3.	Telephone : Contact person :
4.	Fax : Telex :
5.	Place of incorporation/ Registration : Year of incorporation/ registration :

Signed :
Name :
For and on behalf of :

STRUCTURE AND ORGANIZATION

1. The applicant is _____
(a) an individual
(b) a proprietor firm
(c) a firm in partnership
(d) a Limited Company or Corporation.
2. Attach the Organization Chart showing the structure of the organization, including the names of the Directors and position of officers. _____
3. Have you ever left any work awarded to you incomplete? _____
(If so, give name of project and reasons for not completing the work.)

Signed :
Name :
For and on behalf of :

FINANCIAL CAPABILITIES

Financial Information in Rs. equivalent	For year 2008-09	For year 2009-10	For year 2010-11
1. Total Assets			
2. Current Assets			
3. Total Liabilities			
4. Current Liabilities			
5. Profit before Tax			
6. Profit after Tax			
7. Net Worth			
8. Liquid Assets			
9. Solvency Certificate from Banker			

- 1. Attach audited balance sheets for all last three years (2008 -09, 2009-10, 2010-11,).**
- 2. Attach recent Solvency Certificate from Banker not older than one year old.**

Performa for Performance Statement (for a period of last five years)

(Please read foot-note below)

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012 dt. 13.04.2012

Name of Item offered _____ Date of Opening _____ Time _____ Hours _____

Name of the Firm _____

Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of Goods ordered	Value of order	Date of completion of delivery as per contract	Remarks indicating reasons for late delivery if any	Has the stores been satis- factorily supplied? (Attach a certificate from the Purchaser\ Consignee)	
1	2	3	4	5	6	7	8

Signature and seal of the Bidder _____

Note: This form will be considered complete only if duly filled and supported with proof of satisfactory client's certificates along with respective order copies (scanned copies) & same shall be applicable for assessing single order execution criteria as per SCC clause 4A (iv) of this document.

Technical Compliance

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012 dt. 13.04.2012

Schedule Ref. (1)	Tendered Technical Specifications (2)	Technical specifications of goods offered by bidder (3) Model/Make	Compliance w.r.t. tender specification (4)	Deviation w.r.t. tender specification (5)	Remarks (6)

The information given above is factual & based on product specification details as per the latest catalogues/ product data sheets and technical literature enclosed.

Signature of the bidder & seal:

COMMERCIAL COMPLIANCE FORMAT
(BIDDER MUST REFER ALL TERMS & CONDITIONS OF THE BID DOCUMENT IN DETAIL)

IFB No.:		IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012	
Name of the Bidder:			
Tender invited for		Procurement of Medical Equipments & Surgical Instruments for Nursing College at Lady Hardinge Medical College & Associated Hospitals, New Delhi.	
S. No.	Qualification Criteria	Clause Reference	Compliance details with reference page no. of the Bid submitted by the bidder
1.	Name of Manufacturer		(Mentioned the name of Manufacturer)
2.	Country of origin		(Mentioned the name of Country of origin)
3.	Bid Security details DD no./Bank Guarantee No. Bank & Branch Amount- Validity-	ITB Clause 9(A)	(Mentioned the details)
4.	Bid Document Fee by DD/ Cash If DD furnish the details; DD no. Bank & Branch Amount.	ITB Clause 9(B)	(Mentioned the details)
5.	Manufacturer's Self Authorization/Manufacturer's Authorization	ITB Clause 7.2 (a) & SCC Clause 4A	
6.	All items & respective quantities of all groups quoted	ITB Clause-6 SCC Clause 8(a)	

7.	Bid Validity (150 Days)	<i>ITB Clause 10</i>	
8.	Bid Form	<i>SCC Clause 6</i>	
9.	Bid Price	<i>ITB Clause 6 & SCC Clause 7</i>	
10	Optional Item(s)	<i>ITB Clause 6.5</i>	
11	Taxes & Duties and all other charges are included in the quoted rate	<i>ITB Clause 6 SCC Clause 7</i>	
12	Turnkey	<i>SCC Clause 11 & 13</i>	
13	Inspection and Tests	<i>GCC Clause 7, 12.4 & 27</i>	
14	Delivery and installation Schedule	<i>GCC Clause 9.1</i>	

15	Insurance (110% upto installation)	<i>GCC Clause 10</i>	
16	Transportation	<i>GCC Clause 11</i>	
17	Force Majure	<i>GCC Clause 17</i>	
18	Payment Terms	<i>GCC Clause 12</i>	
19	Warranty 1 year	<i>GCC Clause 26</i>	
20	Authority/Power of Attorney for signing of bid	<i>ITB Clause 11.2</i>	
21	Jurisdiction	<i>GCC Clause 31</i>	
22	Applicable Law	<i>GCC Clause 22</i>	

23	Five Years Performance Statement	SCC Clause 5	
24	Minimum qualification criteria	SCC Clause 4(A)	
25	Documentary Evidence to substantiate the above (End Users' certificate)	SCC Clause 4(A)	
26	The bidder should submit balance sheet for the last 3 years to enable the purchaser to assess whether the bidder is a profit making concern or not	SCC Clause 4B (ii)	
27	Acceptance to all Terms & Conditions of the Bid Document	ITB 17.4	
28	Certificate of Incorporation		
29	Affidavit	SCC 4 B (iii)	

CONSIGNEE RECEIPT CERTIFICATE
(To be given by consignee's authorised representatives)

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012 dt. 13.04.2012

The following Goods (Quantity mentioned against each) has/have been received in good conditions along with a copy of inspection report.

1. Name of items supplied
2. Quantity.....
3. Group.....
4. Against HSCC P.O. ref. dated.....
5. Date of receipt of Consignee.....
6. Date of Installation & Demonstration.....
7. Signature of Authorised representative of Consignee with date

Date:

Place:

Seal of Consignee

MANUFACTURER'S SELF AUTHORIZATION FORM

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

dt. 13.04.2012

To

Dear Sir,

We _____ who are established and reputable manufacturers of _____ (name and description of goods offered) having factories at _____ (address of factory) do hereby submit a bid, and sign the contract with you against the above IFB. No.....

No company or firm or individual other than M/s _____ (name of the manufacturer) are authorised to bid, and conclude the contract in regard to this business, against this specific IFB.

We hereby extend our full guarantee and warranty as per Clause 26 of the General Conditions of Contract for the goods and services offered for supply by us against this IFB.

Yours faithfully,

(Name)

(Name of Manufacturers)

Note:- This letter of authority should be on the **letterhead of the manufacturer** and should be signed by a person competent and having the power of attorney to bind the manufacturer.



MANUFACTURER'S AUTHORIZATION FORM

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

dt. 13.04.2012

To

Dear Sir,

We _____ who are established and reputable manufacturers of _____ (Name and Description of Goods offered) having factories at _____ (Address of Factory) do hereby authorize M/s _____ (Name & Address of the Indian Agent) to submit a bid, and sign the contract with you against the above IFB. No.....

No company or firm or individual other than M/s _____ (Name of the Indian Agent) are authorised to bid, and conclude the contract in regard to this business, against this specific IFB.

We hereby extend our full guarantee and warranty as per Clause 26 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFB.

Yours faithfully,

(Name)

(Name of Manufacturers)

Note:- This letter of authority should be on the **letterhead of the manufacturer** and should be signed by a person competent and having the power of attorney to bind the manufacturer.

EMD/BID SECURITY FORM FOR BANK GUARANTEE

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

dt. 13.04.2012

WHEREAS _____ (hereinafter called "the Bidder") has submitted its bid dated _____ 20____ for the supply of _____ (hereinafter called "the Bid") _____

KNOW ALL MEN by these presents that We _____ of _____ having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ (hereinafter called "the Purchaser") in the sum of _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____, 20____.

THE CONDITIONS of this obligation are:

If the Bidder:

- (a) withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
 - (b) does not accept the correction of errors in accordance with Instructions to Bidders; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
- (a) fails or refuses to execute the Contract Form if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders;

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that, in its demand, the Purchaser will note that the amount claimed by it is due it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of the bid validity (i.e. 165 days from the date of bid opening), and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the Bank)

Name of the Bidder:

CONTRACT FORM

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

dt. 13.04.2012

THIS AGREEMENT made theday of,20....
Between.....(Name of purchaser) of.....(Country of Purchaser) (hereinafter called “the Purchaser”) of the one part and.....(Name of Supplier) of(City and Country of Supplier) (hereinafter called “the Supplier”) of the other part :

WHEREAS the Purchaser is desirous that certain goods and ancillary services viz.....(Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of.....(Contract Price in Words and Figures) (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder,
 - (b) the Technical of Specifications;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Purchaser's Notification of Award.
3. In consideration of the payments to be made by the Purchaser to the Supplier a hereinafter mentioned, the Supplier hereby covenants with the purchaser to provide the goods and services and to remedy defects therein in conformity in all respect with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the time and in the manner prescribed by Contract.

Brief particulars of the goods and services which shall be supplied / provided by the Supplier are as under:

TOTAL VALUE

Signature,Name & Seal of the Bidder



PERFORMANCY SECURITY FORM FOR BANK GUARANTEE

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012

dt. 13.04.2012

To.....(Name of Purchaser)

WHEREAS.....(Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No.....dated,.....20.....to supply.....(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a undertake to pay you, upon your first writen demand declaring the supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors

.....
.....
.....

Date.....20.....

Address:.....

.....
.....

Name of the Bidder:

CHECK LIST FOR BIDDERS

(Bidders must fill-up this Section in all respects and submit with un-priced bid)
 IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012 dt. 13.04.2012

Line Item No.:

Sr.	Document	Bidder's Confirmation (confirmed / not confirmed)	Page No. in the bid	Remark
1.	Bid document fee submitted.			
2.	EMD submitted along with details i.e. item no., item description, amount etc.			
3.	Bid form as per the Bid document submitted on the letter head of the company.			
4.	Manufacturer's authorization form as per Format given in the Bid document on the letter head of the company.			
5.	Original copy of Power of attorney (on non- judicial stamp paper of appropriate value) of the signatory to the signing Bidding Document.			
7.	Technical Compliance Statement submitted			
8.	Commercial Compliance Statement submitted			
10.	Audited Balance sheet (duly signed by the CA) for the last 3 financial years (i.e. 2008-09, 2009-2010 & 2010-11).			
12.	Full set of Bid document along with its Addendum / corrigendum, has been signed on all pages (with company seal affixed) and submitted with un-priced bid.			
13.	BOQ of Price Bid has been filled-up strictly as per Format given in bid document.			
14.	Rates of all items of all Groups of BOQ format of Price Bid have been duly filled by hand and submitted in a separate envelop.			
18	Affidavit (No conviction)			

Important Note:

- 1) All pages of bid submitted should be page numbered and indexed.
- 2) The bidder may also go through the check list and ensure that all the documents / confirmed listed above are enclosed in the bid and no column is left blank. If any column is not applicable, it may be filled up as NA.

Signature with Date _____
Name & Designation With Company's Seal _____

ECS Format required with every bill for payment of more than Rs.1, 00,000 (Rupees One lakh only).

1. Name of the Beneficiary & address : -----
2. Name of Beneficiary's Bank : -----
3. Name of Beneficiary's Bank Branch. : -----
4. A/c No. Current /Saving : -----
5. IFSC/RTGS/ECS No. of Beneficiary's Bank Branch. (Please give complete Number) : -----
6. Account of Remittance : -----

NOTE:-

1. The Bank should be Computer Based Service
2. Should be on Letter head of the vendor
3. A copy of Bank cheque in case of ECS.

(Signature of Beneficiary)

Name -----

Designation -----

Date -----

Description & Specifications

IFB No HSCC/PMD/PG-I/154/Medical-Eqpt/2012 dt. 13.04.2012

A. EQUIPMENT

1. S.S. TRAYS (REF. IS:3993)

- Material Stainless Steel conform to IS:5522, 1992
- Workmanship: the bottom of the tray will be plain, The tray should be polished, shall also be free from sharp, open edges, dents, distortion, wavy surface, burrs, scratches and pittings. The tray shall not rock when placed on a level surface.

2. S.S. TRAYS WITH COVER (REF. IS:3993)

- Material Stainless Steel conform to IS:5522
- The lid and the tray shall be such that the play between the two does not exceed 2.0mm
- Rest of the specifications same as item No. 1

3. BOWLS S.S. (REF. IS:5782)

- Material S.S. should conform to IS:5522.
- The bowls should be polished bright and shall be free from sharp or open edges, distortion, dents, wrinkles, wavy surface, burrs, scratches and pits. Size of the bowl should be mentioned on the bowl.

4. BOWLS WITH COVER

- Material S.S. shall conform to IS:5522
- The cover and bowl should be such that the play between the two does not exceed 2mm.
- Other specifications same as item No. 3

5. ENEMA CAN

- Material Stainless Steel as per IS:5522
- Minimum thickness 0.5mm

- It shall be fitted with standard douche fitting set with cover and 5 feet rubber tubing conforming to IS:5680. Chrome plated Brass/S.S. clip and rectal rubber catheter (infant and adult) along with each Enema Can. There should be no leakage from the Can.

6. **KIDNEY TRAY (REF. IS:3992)**

- Material Stainless steel trays, minimum thickness 0.45mm
- Qty: 5 each
- Sizes:

Length	150, 250, 300
Width	70, 100, 130
Height	30, 50, 60
- Shape of the Kidney Tray conform to IS:3992
- Shall not rock when placed on a level surface. Polish bright and free from sharp or open edges, distortion, dents, wrinkles, wavy surfaces, burrs, scratches and pits.

7. **MEASURING JUG**

- Material Stainless Steel
- Thickness minimum 0.5m
- Graduated marking for different volume in the Jug as mentioned in the Index.

8. **BASINS**

- Material Stainless Steel
- Size:

14 inches
16 inches
18 inches
- Workmanship: polish bright, without any scratches, polls and dents.
- Should not rock on the level surface

9. CATHETER TRAY WITH COVER

- Approximate Size:
 - 400mm length
 - 75mm width
 - 50mm height
- Cover should have handle
- Material Stainless Steel
- Workmanship: bright polish, should not rock on the surface

10. KNIFE TRAY WITH COVER

- Material Stainless Steel
- Size:
 - Length 180mm
 - Width 80mm
 - Height 40cms
- Cover should have handle
- Workmanship: bright polish, without any dents, pits and scratches, should not rock on the surface.

11. FEEDING CUP

- Material Stainless Steel
- Capacity 250ml
- Workmanship: bright polish, without any pits, dents, scratches

12. DOUCHE CAN

- Material Stainless Steel
- Capacity 1.5 liter
- Diameter (app.) 125 – 130mm

- Height 135 – 140mm
- It should be supplied with standard douche set consisting of rubber tubing, stainless clip

13. SPUTUM MUGS WITH DETACHABLE LID

- Material Stainless Steel
- Capacity $\frac{3}{4}$ pint
- Size: $3 \frac{3}{4}$ " x $2 \frac{3}{4}$ "

14. BED PAN

a) MALE

- Bed Pan (Male) with cover and handle
- Material Stainless Steel
- Welding – Argon or equivalent, leak proof

b) FEMALE

- Bed Pan (Female) with cover and handle
- Material Stainless Steel
- Welding – Argon or equivalent, leak proof

15. URINARY POT

a) MALE

- Urinary Pot (Male) with cover and handle
- Material Stainless Steel
- Capacity – One liter
- Welding – Argon or equivalent, leak proof

b) FEMALE

- Urinary Pot (Female) with cover and handle
- Material Stainless Steel
- Capacity – One liter
- Welding – Argon or equivalent, leak proof

16. FUNNEL

- Material: Plastic
- Diameter: 4" x 2" (diameter)

17. JARS WITH COVER

- Material Stainless Steel, minimum thickness 0.5mm
- Finish bright polish without scratches and unevenness

18. DRESSING DRUMS (IS:3831)

- Material Stainless Steel (S.S.)
- S.S. thickness
- | | |
|-------------------|-------------|
| • Body, lid built | 0.5mm |
| • Hasp | 1mm |
| • Hinge Wire | 3mm |
| • Handle | 4 to 5m |
| • Chain | 0.9m |
| • Clamp | 2.8 to 3.57 |
| • Size | 275m x 132m |
- The hose shall rest on
 - i) Three / more rest without shake/play
 - ii) The lid shall have a snap fit on the body

- iii) The hinges shall have the swivel of the lid and the movements shall be such as to make the lid come back to its position of closing without any side pressure being applied
- iv) The hasps shall engage with disengage from the stable position
- v) The belts shall fit snugly and bear uniformly on the surface of Drum without any pockets or undue rubbing at any place
- vi) The clip when clamped shall keep the belt in a fair tension and shall not recoil. It shall enable the belt to slide around the body easily in its open position
- vii) The sets of perforation on body shall have 39 holes of 2.4 diameter

19. SAUCE PAN WITH LIDS

- Material Stainless Steel
- Long Bakelite Handle
- Lid should have Bakelite knobs

20. KETTLE

- Material Aluminium
- Handle – Insulated
- Base: Should not rock on the level surface

21. TROLLEY WITH UPPER AND LOWER SHELVES

- Size: Length $760 \pm 5\text{mm}$
 Width $505 \pm 5\text{mm}$
 Height $910 \pm 5\text{mm}$
- Material Stainless Steel frame
- Two shelves 16 SW
- Upper and lower shelves

- Nylon swiveling castors (5cms)
- The above product should conform to applicable standard

22. PINT MEASURES

- Material Stainless Steel
- Graduated

23. GALLIPOT

- Material Stainless Steel
- Capacity – 60ml
90ml
- Finish bright polish without any pit / dent / scratches

24. MUGS

- Material Stainless Steel
- Capacity 150ml
- Handle – Insulated

25. BOTTLE BRUSH

- Good quality, reputed make
- Nylon brush

BAG, MULTIPURPOSE, FOR MIDWIFERY KIT

- Material Matte
- Size: 225mm height, 200mm depth, 350mm long
- Construction: Top opening with Nylon zip fastener, carrying handle and adjustable shoulder strap

26. MIDWIFERY KIT

i) BOWLS IS:5782

- Material stainless steel IS:5522
- Sizes: 10" diameter 2
 4" diameter 2
- Workmanship: bright polish, no pits or dents or scratches. Should not roll when kept on the level surface

ii) KIDNEY TRAY IS:3992

- **Material Stainless Steel**
- **Minimum thickness 0.45mm**
- **Size: Medium Small**

**Length
Width
Height**

- **Edge round and smooth. Bright polish, shall not rock when placed on a level surface, free from pits, dents/scratches**

iii) ENEMA CAN

- Can complete as per specification on page No.

iv) FOETOSCOPE (PINARD'S PATTERN) IS:6565

- **Material Aluminium**
- **Shape i) Diameter**
 Ear end
 Inner 50mm

 Distal
 Inner 14mm

ii)

Length

- **Workmanship** – The surfaces of the Foetoscope shall be free from pits, burrs. Edges should be smooth rounded off and shall not be sharp. Shall have perfectly symmetrical dimensions around the central axis. Rims of foetal end and ear shall be in one plane, Foetoscope shall anodised in accordance with grade of IS:1868-1968. It shall be tested as IS:6565-1972

v) ARTERY FORCEPS

- Length: 160mm
- Material Stainless Steel
- Joint Box
- Serration transverse conforming to section 2 of IS:3642
- Ratchet teeth should be in combination of 2 in 2 conform to section 4 of IS:3642
- Finger loop confirm to section 6 of IS:3642 (Part I) 1990

vi) THUMB FORCEPS (IS:3645)

a) Toolhead

- Material Stainless Steel IS:5522, 1992
- Joint Semi block
- Teeth combination 1 & 2. No play webbling when abode
- Surface grooves on the blade for _____ hold

b) Length 15cm (6")

- Non toothed
- Specification same as above of toothed forceps except in place of teeth serration shall be there
- The serration shall be raised or flushed

vii) CORD CUTTING SCISSORS/BLADE (IS: 7117)

Shape and Size: 125mm (approx.) curved

Material Stainless Steel conforms to IS:6603, 1972

Joint screw type

The blades will play without stiffness at the joint blade of standard shape & size

viii) CORD TIE

- Sterile wrapped in double cover 3mm wide, 2.5 m on a spool.
- Material cotton

ix) MUCUS SUCKER

- Clear polycarbonate mucus trap at with reusable silicon catheter infant size with rounded open tip and silicon catheter with funnel cap
- All surfaces shall be even, smooth, free from burrs, pits, cracks
- Shape and dimensions as per IS:6373
- It shall be marked with manufacturer's name trade mark
- Testing Pinch the rubber with and dip the sucker in water with it's end and rubber tubing downward ensuring that all joints are submerged. From the upper end blow air into the sucker from mouth. No air bubbles shall appear at the joints.

x) COTTON SWABS

- Box of 20 swabs, sterilized by ETO, doubly packed

xi) MACKINTOSH SHEET

- Size: 1.5 meter x 90cms
- Water proof, stain resistance, good quality
- Supplier reputed firm

xii) GLOVES

- Material latex, pre-powdered
- Size: 6 and 6 ½
- Pre-sterilized, ETO/Gamma Rays
- Doubly packed, paper (inside) and polythene (outside)

xiii) MASK

- Disposable, standard Size
- Double larger
- Good quality

xiv) APRON

- Cotton
- Standard Size

xv) RUBBER CATHETER (REF. IS:723)

- Size: 12 FG
- The rubber shall be natural synthetic or both compounded and vulcanized to meet all the requirement of IS:723
- The catheter will be smooth and homogenous and to be free from irritants and injurious effect. Each Catheter will be supplied pre-sterilized ETO / Gamma. Individually packed in polythene cover

xvi) BABY SPRING BALANCE

- Baby Spring Balance, hanging type with zero adjustment, suspension ring and load hook
- Aluminium tubular casting

- Calibrating to weight 0 – 5 Kg in 100 grams. Length of scale 17.5cms (Ref. IS:2489, 1963).
- Color Code
 - 0 – 2 Kg - Red
 - 2 – 2.5 Kg - Yellow
 - 2.5 – 5 Kg - Green
- Each balance shall be marked with manufacturer name/trade mark and calibration rate and year of manufacturer.
- It should be read within the specified accuracy, when tested for loads in progressively increasing and decreasing load.

xvii) SYRINGE WITH NEEDLE WITH NEEDLE PACK

- All glassvan, leur lock
- Size: 2cc, 5cc, 10cc
- Needle pack containing size of 16, 18, 20, 22, 24, 26 FG

xviii) SHAVING SET KIT

- Consisting of a Razor with one packet of blade(5) and one Brush
- Set should be supplied in leather case

xix) SPIRIT

- 500ml

xx) SOAP WITH DISH

- Soap dish material plastic, heavy duty, rectangular
- Soap – Lifebuoy
- Color – Blue/Pink

xxi) HAND TOWEL

- Cotton
- Size: 10" – 12" x 10" – 12"
- Good quality

xxii) MEASURED TAP

- Good quality
- Graduated inches and cms. 6 feet (150cms)
- Material

B. INSTRUMENTS

1. CHEATLE FORCEPS

- Material Stainless Steel
- Standard shape
- Size: 12"
- Workmanship bright polish without any pit, burr or cracks etc.

2. SPONGE HOLDING FORCEPS (IS:7735)

- Material Stainless Steel
- Size: 240mm
- The shape and dimension of the sponge holding forceps shall conform to IS:7735
- The joint of forceps will be box type in accordance with 13.2 section 3 of IS:3662 (Part II)
- The serration shall transverse as given in Section 2 of IS:3642 (Part I) 1990
- Ratchet teeth shall confirm to Section 4 of IS:3642 (Part I) 1990
- Finger loops shall conform to Section 6 of IS:3642 (Part I) 1990

3. ARTERY CLAMPS (FORCEPS)

- Straight and Curved, Material Stainless Steel Ref. IS:3645
- Size: 150mm (6")
- Joint Box type
- Serration: Transverse conforming to 2 of IS:3642
- Ratchet teeth should be in combination of 2 in 2 conform to section 4 of IS:362

- Finger loops conform to IS:3642 (Part I) 1990

4. DISSECTING FORCEPS

- Toothed and non-toothed – IS:5522, 1992
- Length 6" (150mm)
- Material Stainless Steel
- Joint Semi block
- Teeth combination of 1 & 2 in case of toothed forceps
- Surface grooves on the blade for good hold

5. MOSQUITO FORCEPS

- Material Stainless Steel
- Joint Box
- Length (160mm)
- Serration – Transverse conforming to section of 2 in 2 conform to section 4 of IS:362
- Finger loop conform to section 6 of IS:3642 (Part I) 1990

6. KOCHERS FORCEPS (IS:8040)

- Size: 160mm
- Material Stainless Steel
- Serration – Transverse (Section of 2 of IS:3642). The teeth at the tip and serration on the working portion shall fit, accordingly
- Ratchet shall be combination of 3 in 3
- Finger loop no. 3

7. SCISSORS – SURGICAL, BANDAGE AND MAYO'S

- Material Stainless Steel
- Joint axial
- The blades shall operate without stiffness and play at the joint. Sharp cutting edges should be without any burr, feather
- The surface shall be finished smooth and polished bright
- Quantity of each type as per index

8. TISSUE FORCEPS (IS:7388)

- Lane's and Babcock Length: 150mm
- Material Stainless Steel
- Joint Box
- Lane's forceps will have curved and fenestrated Blade Teeth, 2 x 3 at the tip. Teeth should interdigitate on engagement of first ratchet combination of 3 in 3.
- Finger loop Size: no. 2
- Ratchet combination of 3 & 3

9. SINUS FORCEPS

- Material Stainless Steel
- Length 180mm
- Joint Box
- Transverse serration on the inner side of end of blades ($\frac{1}{2}$ ")

10. BIOPSY FORCEPS

One of each of the following:

- Material Stainless Steel

- Cervical Biopsy – Leech Wilkinson type (equivalent)
Size: 8"
- Bronchoscopy – Chevalier Jackson
Forceps Size: 50cms
- Rectal – Walton Rectal Biopsy
Size: 8"
- Officer (Sigmoidoscope) (equivalent)
Length 17"
Tip 8mm cup jaws

11. LIVER BIOPSY FORCEPS

- Material Stainless Steel
- Children - 2
Size: 40mm long x 1.0mm outside diameter
40mm long x 1.4mm outside diameter
- Adult – 2
Size: 70mm long x 1.0mm outside diameter
100mm long x 1.9mm outside diameter

12. ALLI'S FORCEPS (IS:7388)

- Material Stainless Steel
- Size: 200mm
- Working ends shall be pointed sharp with 3 x 4, 4 x 5 teeth at the tip having their crest rounded. These should interdigitate without any gap or services on engagement of first ratchet

13. PROBE WITHOUT GROOVED DIRECTOR

- Material Stainless Steel
- Size: 6"

14. PROBE WITH GROOVED DIRECTOR AND FRENUM SLIT

- Material Stainless Steel
- Rigid 2 (Size: about 6")
- Malleable Brodie's 2 (Size: about 6")

15. MOUTH GAG

- Material Stainless Steel
- Types:
 - a) Davis Boyle's with upper fixed tooth plates with three tongue blades
- Each Child and Adult
- b) Ferguson Mouth Gag 140 – 150mm

Quantity: Two

16. TONGUE DEPRESSOR

- Material Stainless Steel
- Type: Tongue Depressor Wieder / Andrew / Lack's
- Size:

Adult	7/8" wide
Adolescence	3/4" wide
Children	1/2" wide
- Both ends slightly curved in opposite direction
- Bright polish, surface smooth without any burr, pits and scratches

17. TONGUE HOLDING FORCEPS

- Material Stainless Steel
- Type: Guy's pattern Tongue Forceps

- Screw joint, Jaw serrated

18. NASAL SPECULUM

- Material Stainless Steel
- Killlean type with screw joint / Hartmann
- Length 140 – 150mm
- Sizes – One each
(approx.) 7 x 36mm
 7 x 56mm
 7 x 75mm
 7 x 90mm

19. AURAL SPECULUM

- Material Stainless Steel
- Hartmann
- Set of 4 Speculum

20. RETRACTORS, SINGLE AND DOUBLE HOOK

- Material Stainless Steel
- Length 160mm
- Bright polish finish
- No malleability

21. BLADDER SOUND

- Material Stainless Steel
- Set of 12 in a wooden case
- Sizes: 0/2 to 9/12 English gauge
- To be supplied in velvet lined wooden box

22. MALE URETHRAL DILATOR SET

- Material Stainless Steel
- Type Lister, Olive tip
- Set of 12
- Length 280mm
- Sizes: 0/2 to 9/12 English gauge
- To be supplied in velvet lined wooden box

23. PACKING FORCEPS, NASAL AND ORAL

a) Nasal

- Material Stainless Steel
- Nasal: Hartmann type
- Length about 210 – 220mm

b) Oral

- College pattern
- Flicking angled
- Forceps with tenaculum points, 6" – 7" long

24. EAR IRRIGATION SYRINGE

- Material Stainless Steel with pipe conical
- 60cc and 120cc (approx.) capacity

25. Deleted – Repetition

26. SHAVING SET

- Consisting of safety razor metal with blades (4 packets of 5 blades)
- Shaving brush and cream
- Reputed make Gillette etc.

27. SAFETY RAZOR WITH BLADES

- Safety razor, metal with Blades (4 packets of 5 blades)

28. BARD KNIFE WITH HANDLE

- Material Stainless Steel
- Two each No. of 2, 3, 4, 5, 6 & 9

29. SURGICAL BLADES – Two Sets

- Material Stainless Steel
- A set consisting of
- Sizes 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24
- Singly packed in a wooden box / plastic box

30. CATHETERS

- Material Indian Rubber
- Plain catheter size 12, 14, 16, 18
- Four of each size

31. AIRWAY

- Type Guedal
- Sizes 0, 1, 2, 3, 4
- Transparent Plastic / Silicon

- Quantity 4 each size

32. RIGID LARYNGOSCOPE

a) Adult - Macintosh (curved blades)

- Left hand version suitable for right handed personnel
- Body Stainless Steel, serrated 4 curved blades 1 to 4
- Operated on 1.5 VA type Battery
- Six spare Lamps and Batteries

b) New Born – Miller type, standard illumination

- Body Stainless Steel, serrated with two straight blades no. 1 – 3
- Operated on 1.5 VA type Batteries
- Six spare Lamps and Batteries

33. PROCTOSCOPE – Kelly type (with obturator)

- Material Stainless Steel
- Diameter 2 – 3cms
- Length 10cms
- Set of three different sizes in a wooden box

34. INFUSION SETS

- Adult with Murphy's chamber
- Disposable, individual packed
- Pre-sterilized with Gamma / ETO

35. OTOSCOPE

- It should confirm to Chiron type design or equivalent
- Three metal mounted black nylon lined specula
- Sizes of specula 4.75cms, 6cms and 6.75cms
- To be supplied in a wooden padded, protective case

36. OPHTHALMOSCOPE

- Ophthalmoscope with superior aspherical optics for viewing whole illuminated section of retina. Separation of illumination & observation beam by spherical optical system to avoid corneal & iris reflex
- Len Range: + in 1D steps 1 to 10, 15D to 25D – in 1D steps 1 to 10, 15D, 20D, 25D, 30D, 35D
- Apertures: 6, slit, fixation stars with polar coordinates cobalt blue filter, large spot, small spot, hemi spot and with red-free filter with all apertures
- Mounted in metal frame
- It should be of Battery operated and to be provided with six spare Batteries
- Dust proof housing
- Ergonomic shape
- Self orbital support
- Complete set in box with spare bulbs 3.5 V Halogen (6 nos.)
- An equivalent or better equipment of proven design & performance which meets the technical & functional requirements shall also be considered
- The equipment offered should be brand new & of reputed make

37. TRACHEOSTOMY SET

- One each of following instrument
- Stainless Steel Tray with lid – length 300mm, width 200mm, height 50mm

- Tracheotomy Tube (silver) with Plot 16, 20, 22
- B. P. Handle No. 3 with one packet each blade size No. 10 & 11
- Tracheal dilator
- Needle Holder – 150mm
- Fine Tooth Forceps 6"
- Fine Plain Forceps 6"
- Artery Forceps 6"
- Mosquito Forceps 6"
- Sponge Holding Forceps – 240mm
- Gallipots – Diameter 10cms
- Langenbek Retractor Blade Size – 1 ¾ " x ½ "
- Tracheal Retractor Sharp 1 Prong

38. HEAD MIRROR

- Diameter 3 ½ with aperture ¾ " with webbing forehead band
- It should be standard model Golden Square / American model

39. TUNING FORK

- Hartman type with foot
- One each of the following
 - C 128 d.v.
 - C1 256 d.v.
 - C2 512 d.v.
 - C3 1024 d.v.
 - C4 2048 d.v.
 - C5 4096 d.v.

- To be supplied in a wooden box

40. OXYGEN CYLINDER WITH TROLLEY

- B type Oxygen Cylinder with flowmeter , regulator and humidifier (IS marked), 0 – 15 liters/minute
- Oxygen Cylinder (B Type) Trolley of approximately 640mm length and 165mm diameter with base
- Mounted on 4" antistatic rubber tyred castors
- Fitted with two cylinder retaining bolts for quick release but non removable to prevent loss
- Mild steel epoxy coated of 50 micron

41. OXYGEN MASK FACE, SOFT VINYL MASK

- Suitable for Flowmeter of 2 to 10 liters/minute
- Kink resistant, Oxygen supply tubing 2mm long
- Adjustable nose clip with adjustable elastic strap
- Sizes 0, 1, 2, 3, 4 (2 each size)

42. INSTRUMENT FOR MIDWIFERY

I. VAGINAL SPECULUM

a) Sim's speculum, (Ref. IS:6112)

- Material Stainless Steel (Ref. IS:6603,1972)
- Two sets of small, medium and large
- All surface shall be free from burrs, pits, cracks
- All edges shall be smoothly rounded off and shall not be sharp
- Each set supplied in a wooden box

b) Cusco's Speculum, (Ref. IS:5906)

- Material Stainless Steel (Ref. IS:6603, 1972)
- Two sets of small, Medium and large
- Workmanship: All surfaces shall be free from burrs, pits, cracks. Edges shall be smoothly rounded off & shall not be sharp
- Polished bright
- Each set supplied in a wooden box

43. CERVICAL DILATOR SET

- Material Stainless Steel
- Type Hegar double ended
- Set of eight

Sizes:

- 1 x 2mm
- 3 x 4mm
- 5 x 6mm
- 7 x 8mm
- 9 x 10mm
- 10 x 11mm
- 12 x 13mm
- 13 x 14mm
- 15 x 16mm

- To be supplied in wooden box

44. ANTERIOR VAGINAL RETRACTOR (IS:5849)

- Material Stainless Steel
- Type Sim's
- Retractor ends angled 130° x 30°
- Length 270mm

- Workmanship: All the surface of the Retractors shall be free from burrs, pits, cracks, smooth except serrated ends

45. UTERINE VULSELLUM (IS:6114)

- Material Stainless Steel
- Shape and design as per IS:6114
- Joint – Box
- Teeth will be in a combination of 3 in 4
- Ratchet – Combination of 3 in 3
- Finger loops conform size no 3 of section 6 of IS:3642 (Part I), 1990

46. SPONGE HOLDING FORCEPS (IS:7735)

- Material Stainless Steel
- Size: 240mm
- The shape and dimension of the sponge holding forceps shall conform to IS:7735
- The joint of forceps will be box type in accordance with 13.2 section 3 of IS:3662 (Part II)
- The serration shall be transverse as given in Section 2 of IS:3642 (Part I) 1990
- Ratchet teeth shall conform to Section 4 of IS:3642 (Part I) 1990
- Finger loops shall conform to Section 6 of IS:3642 (Part I) 1990

47. OVUM FORCEPS

- Material Stainless Steel
- Length 200mm

- Joint Box

48. UTERINE FLUSHING CURETTE

- Sharp and blunt ends
- Material Stainless Steel
- Length 240mm (approx.)
- Size of ends 10 x 7mm

49. UTERINE SOUND (IS:5829, 1982)

- Material Stainless Steel
- Shaft 165mm
- Tip part 65mm
- Angle between the body and terminal part 144°
- Workmanship: All the surfaces shall be free from burrs, pits, cracks and other defects
- Tip and shaft shall be smoothly rounded and shall not be stiff
- The graduation on shaft clearly visible
- Polished bright

50. MUCUS SUCKER

- Clear polycarbonate mucus trap at with reusable Silicon catheter infant size with rounded open tip and silicon suction catheter with tunnel cap
- All surfaces shall be even, smooth, free from burrs, pits, cracks
- Shape and dimensions as per IS:6373
- It shall be marked with manufacturer's name, trade mark

- Testing Pinch the rubber tubing with and dip the sucker in water with it's end and rubber tubing downward, ensuring that all joints are submerged. From the upper end blow air into the sucker from mouth. No air bubbles shall appear at the joints

51. PELVI METER

- Reputed make

52. FOETOSCOPE (PINARD'S PATTERN) REF. IS:6565

- Material Aluminium complying IS:21, 1959

- Shape (i)

Diameter	
Ear end	Outer 55mm Inner 50mm
Distal	Inner 14mm Outer 60mm

(ii) Length 145mm

- Workmanship: The surfaces of the Foetoscope shall be free from scales, burrs, pits. Edges shall be smooth rounded off and shall not be sharp
- Shall have perfectly symmetrical dimensions around the central axis. Rims of fetal end and ear end shall be in one plane, the stethoscope shall anodized in accordance with grade AC 5 of IS:1868, 1968. It shall be tested as IS:6565, 1972

C. GLASSWARE

1. MEASURING CUPS

- Glass borosil
- Capacity
 - a) 240ml
 - b) 120ml
 - c) 30ml

2. UNDINE

- Small Flask used for irrigation of Eye
- Good quality
- Sizes 2, 4, 5 (Two each size)

3. EYE BATH CUP

- Clear and blue – one each
- Good quality

4. PIPETTES AND DROPPER

a) PIPETTES

- Lettering white
- Capacity 0.1ml, 1ml, 5ml, 10ml

b) DROPPER

- Droppers with Rubber teats

5. GLASS CONNECTORS

- YTL Each Types Six

6. WOLF'S BOTTLES

- Borosil
- Two sizes

7. CONICAL FLASK

- Capacity 100ml, 150ml
- Borosil
- Graduated in oz/pints/cc/liters

8. OUNCE GLASS

- White lettering
- Borosil
- Conical 1oz, 2oz, 4oz
- Graduated in minimum

9. DRUM GLASS

- Borosil
- With glass lids
- Sizes: 4" x 4"
 6" x 4"
 5" x 5"

10. THERMOMETERS

- Lettering bold, Reputed make
 - a) Oral
 - Plain
 - Digital

- b) Rectal
 - Plain
 - Digital
- c) Bath
 - Plain
 - Digital
- d) Room
 - Plain
 - Digital
- e) Lotion
 - Plain
 - Digital

11. PULSE METER

- Reputed make
- Bold lettering
- Supplied in a case

12. URINOMETER

- In a case, Bold lettering
- Supplied in a case

13. LACTOMETER

- In a case

14. HAEMOGLOBINOMETER SAHLI'S

- Prismatic square tube type complete set in a box with precision 20cm disposable pipette, prismatic square tube and accessories for immediate testing and results and confirming to international accepted standard

15. SPECIMEN JARS WITH COVER SIZES ASSORTED

- Each size two

- Sizes: 85 x 85mm, 120 x 120mm, 200 x 200mm

16. TEST TUBES

- Corning / Borosil
- Small size: 10 x 75(L)mm (outer diameter)
- Big size: 25 x 150(L)mm (outer diameter)

17. GLASS SLIDES WITH COVER

- Good quality
- Box containing 50 slides
- Slide size: standard 75 x 25mm
- Cover size: 22 x 22mm

18. BOTTLE

- Make: Borosil
- Capacity 500ml with stopper interchangeable Borosil

19. AUTOMIZER

- Reputed make

20. MANOMETER – CVP

- CVP monitor consisting of Manometer tube with three way and extension line

21. GLUCOMETER

- Photometric accuracy $\pm 10\%$
- Measuring Range 22 – 25 mmol/c; 40 – 450ms/dl
- Digital Display of Sugar Level, Memory 100 – 150 samples with Time and Data storage

- Operating Time, Room Temperature, Size Handy to be supplied in a case with instructional manual, 100 lancets and a pack of 50 strips (locally available and expiry date not less than 1 year)
- Type of batteries should be available locally. One set of spare batteries to supply
- Unit must conform to relevant Electrical and general safety Standards. Unit must conform to HE1140 or IEC1010 or equivalent

D. SYRINGES AND NEEDLES

1. SYRINGES HYPODERMIC

2ml Glass
5ml Glass
10ml Glass
20ml Glass

- 50% All glass with central nozzle
- 50% with Leur lock
- Reputed make

2. TUBERCULIN SYRINGES

- All glass 1ml, graduation, Leur mount
- Six tuberculin syringes with 50 interadermal needles.
- To be supplied in aluminium, anodized box

3. INSULIN SYRINGE WITH NEEDLE

- All glass
- 50% 100 units ml
- 50% 40 units ml
- Marking should be cleared

- Reputed make

4. NEEDLES - HYPODERMIC

- Stainless steel
- Gauge 0 to 20

5. LUMBER PUNCTURE NEEDLE

- Adult with Pilot
- Sizes 100mm long
0.9mm diameter
80mm long
0.8mm diameter
- Material standard Steel

6. TROCAR CANNULA FOR ABDOMINAL PARACENTESIS WITH PILOT

- Size 12 Eng gauge and 9 Eng gauge
- Material Stainless Steel with Stainless Cannula
- Sets to be supplied in a case

7. IV CANNULAS

- Disposable
- PTFE Catheter with wings
- Colour coded part for injection and sharp beveled needle
- Packed in a Blister pack with peel open facility
- Leur lock plugging
- Pre sterilized ETO/Gamma Rays
- Sizes 12, 14, 18, 20, 24 gauge

8. BIOPSY NEEDLE

i) SILVER NEEDLE BIOPSY

- One each with double harpoon ended stilette
- Adult (length) 6" x 12 S.W.G.
- Child (length) 4 ½" x 13 S.W.G.

ii) MENGHINI BIOPSY NEEDLE WITH STILETTO

- One each
- 40mm long x 1mm diameter
- 70mm long x 1.4mm diameter

9. STERNAL PUNCTURE NEEDLE

- With adjustable guard, Luer cone
- Material Stainless Steel
- Sizes 1" x (1mm)
2" x (1.5mm)

E. SUTURE MATERIAL

1. NEEDLE HOLDER

- Type Mayo's Hegar
- Material Stainless Steel
- Joint Box
- Workmanship, bright polish, no dents and pits, cracks
- Sizes and no. as per index
- 50% straight and 50% curved in each size

2. SUTURE CUTTING SCISSOR

- Type Mayo's scissor
- Curved and straight, 50% each
- Size: 6", 7", 8"
- Material Stainless Steel
- Joint box
- Workmanship, bright polish, no dents and pits or cracks

3. SUTURE NEEDLE

- Material Stainless Steel
 - a) Straight
 - Size: 6 sizes 1 3/4" to 4" in each packet
 - b) Curved (1/2 circle), triangle pointed and round
 - Size: 5, 10, 15, 20 in each packet

4. SUTURE THREAD

a) Silk (Un-sterile)

- Silk Black reels / spools
- 100 meters length
- Size: 2/0, 1/0, 1

b) Cotton (Un-sterile)

- White reels / spools
- 100 meters length
- Size: 1, 0

5. CATGUT

a) Plain

- Sterile foil overwrap pack of 70cms with round bodied needle, 3/8 circle
- Size: 2/0, 1/0 and 1

b) Chromic Catgut

- Sterile foil overwrap packs with round needle 3/8 circle
- Size: 2/0, 1/0 and 1

6. CATGUT TUBE BREAKER

- Good quality

7. SUTURE CLIP METAL

- Material Stainless Steel, Mitchell's
- One box contains 12 clip packs. Small, medium, large (4 each)

8. SUTURE CLIP APPLIER & REMOVER

a) APPLIER - MITCHELL

- Material Stainless Steel
- Size: 5 ½" with serrated Jaw

b) CLIP REMOVER

- Material Stainless Steel
- Length 6" for Mitchell's Clips

F. RUBBER GOODS

1. MACKINTOSH ROLL

- Good quality
- Reputed make
- Sizes:
 - a) Full Bed length
Size 3' x 6'
 - b) Draw Sheet Macintosh
Size 3' x 4'
 - c) For Treatment and Dressing
Size 3' x 3'

2. HOT WATER BAG

- Good quality, Indian Rubber, Reputed make
- Leak proof
- Size 10 ½" x 2 ½" (approx.)

3. ICE COLLAR (CAPS) AND CORRUGATED RUBBER SHEET

a) IEC COLLAR (CAPS)

- Indian Rubber, Good quality
- Leak proof
- Reputed make
- Sizes: 6, 8, 10 & 12

b) CORRUGATED RUBBER SHEETS

- Indian Rubber
- Size: 200 x 250 x 2.5mm (approx.)
- Un-sterilized

4. SURGICAL GLOVES

- Sizes: 6, 6 ½, 7, 7 ½
- Material Latex (ETO / Gamma Rays)
- Pre-sterilized
- Individual pair properly pack
- Inner paper with marking left / right and outer PVC

5. CATHETERS

a) URINARY PLAIN

- Material Indian Rubber
- Un-sterile
- Sizes: 6, 8, 10, 12, 14, 16 in each packet

b) FOLEY'S CATHETER

- Two way
- Latex
- Individually packet
- Pre-sterilized ETO / Gamma
- Sizes: 10, 12, 14, 18, 20, 22 in each packet

c) NASAL CATHETER

- Material: PVC
- Sizes: 6, 8, 10, 12, 16
- Pre-sterilized, individually packed

d) **RECTAL CATHETER**

- Material Indian Rubber
- Un-sterilized
- Adult size
- Child size
- Six packets of adult and child

6. FINGER STALLS DIFFERENT SIZES

- Thin Film Latex
- Single use
- Assorted size

7. AIR RINGS

- Material: Indian Rubber
- Central circular hole
- Assorted sizes 16", 18", 20" (2 each)
- Inflatable
- One inflation pump to be supplied

8. MUCUS SUCKER

- Clear polycarbonate mucus trap at with reusable Silicon catheter infant size with rounded open tip and silicon suction catheter with tunnel cap

- Indian Rubber
- Pediatric

Sizes (FG) 7 - 8

Length 50 – 52cms (approx.)

- Adult

Sizes (FG) 12, 14, 16, 18

Length about 100 – 105cms

13. FLATUS TUBE

- Indian Rubber
- 30" long with hole at end
- Sizes – Assorted
8 to 36 Eng gauge

14. BLEKEMORE SANGSTAKEN TUBE

- Different sizes, two each size

15. RUBBER TUBES ASSORTED SIZES

- Un-sterile for drainage
- Sizes
Length 12"

Diameter (approx.)	Internal	External
	4mm	6mm
	8mm	12mm
	11mm	16mm

- 50% Indian Rubber
- 50% PVC

16. RECTAL SYRINGE WITH NOZZLE

- Standard size
- Reputed make
- Good quality

17. RING PESSARIES

- Material: Vinyl/PVC
- Diameter ½"
- Sizes: (50, 53, 56, 59, 62, 65, 68, 71, 74, 80, 85, 90)mm

18. DOUCHE NOZZLE

- Different sizes
- Plastic Vaginal Nozzle with stopcock, chrome plated

G. MISCELLANEOUS ITEMS

1. MORTAR & PESTLE

- Material Stone
- Size: 2, 3, 4, 6
- Two each size

2. NELSON INHALER

- Reputed make
- Capacity 1 $\frac{3}{4}$ pint

3. WOODEN SHOCK BLOCKS

- Assam teak

4. SPIRIT LAMP

- Brass with screw cap
- Capacity 2 oz

5. TEST TUBE STAND

- Three of each size
- For small size 10 x 75(L)mm
- For Big size 25 x 150(L)mm

6. TEST TUBE HOLDER

- Reputed make

7. TABLE TOP - STERILIZER

- One of each size

- Confirming to IS:5022, 1989 with latest amendments
- Electrically heated boiler, disinfection by boiling of surgical instruments, syringes/glass & china ware
- Fully automatic temperature control by the thermostat
- Single lever fitting of lid and tray
- Stainless steel construction
- Complete with safety Cable, Plug & Socket and Perforated tray
- Unit filled with heat resistant wiring and thermal Cut out
- All handles and grips shall be insulated
- Fitted with drain out connection
- Power supply: 220 – 240V, AC 50 Hz
- Approx Size: 430mm (L) x 200mm(W) x 150mm(D)
- In addition to other instruments, Sterilizer shall also include Cheetle forceps
- Unit shall also confirm to IS:6911-1992 & IS:4159-1983
- Equipment must conform to relevant safety and general standard for Medical Equipment as per IS:8607

8. PORTABLE AUTOCLAVE

- Consisting of Inner chamber made of Stainless Steel (Size 200 – 220mm x 400 – 420mm)
- Capacity 14 to 16 liters
- Outer chamber made of MS with Epoxy coated
- Jacket with single heavy duty door with Silicon Gasket
- Steam Generator

- Control Display – Temperature and Pressure control
- Power 220 – 230V, 50Hz

9. TORCH

- Reputed make
- Two Dry Cells, 'D' type
- Spare ten cells

10. NAIL BRUSH

- Nylon bristle
- Wooden back
- Size: About 4 x ½" x 1 ¾ "

11. WEIGHT MACHINE (ADULT)

- Portable
- Scale in Kg with 0 adjustment (1 Kg to 125 Kg or more)
- Shell of Steel 1mm thick
- Approx. size 300mm(L) x 300mm(W) Square / Round

12. WEIGHT MACHINE (BABY)

- Capable of weighing 0 – 20 Kg with a count of 50 grams with 0 adjustment
- Weighing pan should be stable with smooth surface

13. BACK REST

- Adjustable on a ratchet perforated top sheet of CRMS Frame
- Size: Approx. 700 x 700mm

- Frame Tubular (about 25mm)
- Epoxy coated

14. **SPLINTS**

a) **DENIS BROWN SPLINTS FOR TELIPES EQUINUS VARUS WITH LEATHER BOOTS**

- Boot sizes – 1, 2
- Quantity – two (one each)

b) **CRAMMER WIRE**

- Each size two
- Size: 15 x 2cms
20 x 2cms
60 x 8cms

c) **THOMA'S LEG SPLINT**

- Aluminium – each size two
- Circumference inside Ring 18, 19, 21, 23
- Length of bar 22, 26, 30, 34

d) **GOOCH SPLINT**

- Each size two
- Size: 24" x 18"
36" x 18"
36" x 36"

c) **BOHLER'S LEG & THIGH**

- With Four pulleys for Femur fracture
- Quantity: One

f) WOOD SPLINTS

- Assorted sizes
- Quantity: Four

15. BANDAGES

- Different sizes each
- White Cotton woven, good quality
- Each size 12, length about 18 to 20 feet
- Size: 1 ½ ", 2", 2 ½ ", 3", 4" (Width)

16. ADHESIVE TAPES

a) ADHESIVE TAPE (ZINC OXIDE / LEUCOPLAST)

- 7.5cms (W) x 5 meter (Length)
- 2.5cms (W) x 5 meter

b) MICROPORE

- 7.5cms (W) x 5 meter (Length)
- 2.5cms (W) x 5 meter (Length)

c) ELASTOPLAST

- 8cms (W) x 6 meter

17. IV STAND

- Adjustable from (1524mm) to (2438mm). Central Stand 18 gauge ERW 1" (25mm) Sq. pipe 4 winged base each wing having a length of (228mm \pm 5mm) Base of 2" x 1" (51 x 25mm) – 10 gauge rectangular tube on 3" (76mm) swiveling nylon castor wheels

- A telescopic ½ " (133mm) dia S.S. 304 grade rod with double hooks. And a "T" type S.S. hook (Grip S.S. stud fitted in bakelite knob for holding saline rod in position. Epoxy powder coated in grey colour with minimum 50 microns
- The above product should conform to applicable ISI standard in respect of materials, welding process, test & performance. Conforming to BIS 5880 standard or equivalent

18. TAP MEASURE

- Material cloth, marking clear & easily visible
- Both in centimeters (150) and inches (60)
- Reputed make

19. BUCKET WITH COVER PVC

- Good quality
- Colour Red / Blue
- Capacity 20 liters

20. COMBS

- Ladies Comb
- Plastic
- Six of assorted sizes

21. MICROSCOPE

a) MONOCULAR

- Nose piece: Quadruple revolving nosepiece with positive click stop
- Stage: Fixed size 120 x 120mm with mechanical stage having travel range 30 x 76mm with graduated scale and Vernier
- Condenser: Abbe NA 1.25 with iris Diaphragm focusing Up & Down by Rack and Pin arrangement

- Objective: 10X 45X with 100X Oil immersion
- Magnification: 20X to 1500X
- Inclination to tube to be specified
- Illumination: Plano Concave Mirror on Gimbal Mount
- Focusing: Knobs for Coarse and Fine Motion
- Stand: Robust and stable. Mechanical tube length 160mm. Inclination to tube should be mentioned
- Lamp: 6 Volts, 5 Amps – 30 Volts, 20 Amps
- Eye Pieces: Highest quality, anti fungal treated 10X and 15X
- Technical literature: Printed illustrated technical literature / leaflet indicating the model, to be submitted and a wooden case

a) BINOCULAR

- Body: A rigid stand interchangeable head inclined binocular body, rotatable through 360 degrees
- Eyepiece: Highest quality paired 10X, 15X wide field, anti-fungal treated
- Objective: Achromatic Objectives 4X (NA 0.10), 10X (NA 0.25), 100X (NA 1.30); Anti fungal treated. Oil immersion of finest quality conforming to relevant international standard (corresponding to ISO 9001 certification)
- Nose Piece: Quadruple revolving nose piece with positive click stop
- Stage: Horizontal mechanical stage 100 x 140mm approx.
- Illuminator: High power, interchangeable illuminator with transformer, plane / /concave reflecting mirror for day light use in addition to bulb 6V/5A – 30V/20W (Halogen Bulb)
- Focusing Knobs Condenser Filter Holder: NA – 1.25

- Magnification: 40X to 1000X
- Inclination to Tube: To be specified by the bidder
- Technical Literature: Printed illustrated technical literature / leaflet indicating the model, to be submitted and with Wooden case
- Unit must conform to relevant Electrical and general safety Standards. Unit must conform to HE1140 or IEC1010 or equivalent

22. WATER FILTER PURIFIER

- R.O. with Cooler
- Capacity 50 liters/hour
- The water cooler shall be of floor mounted and shall be complete in all respect with storage tank of 200 liters capacity, refrigerator, electrical, controls, wiring with two outlet taps. Cooler will have all rust proof Stainless constructions.

H. COMMUNITY HEALTH LABORATORY

1. REGISTERS ELIGIBLE COUPLE AND CHILD REGISTER

(To be purchased locally)

2. DIARY (To be purchased locally)

- Medium Size
- Good quality paper

3. COMMUNITY BAG

- Material – Matte
- The bag should have separate compartment for clean and hand wash kit

4. STERILIZER (IS:5022)

- Size internal dimensions 300 x 150 x 125 (L x W x D)
- All other specifications mentioned below should conform to IS:5022
- Material Stainless Steel, thickness for shell, lid and tray shall be 0.90mm subject to tolerance on thickness as specified in the relevant Indian Standard. Thickness of hand lever and lid shall be 1.5mm
- Design – It will consist of a seamless shell, having a hand operated lid at the upper end. A mechanism connecting to the lid shall be such that when the lid is open, a bracket or rest for instruments shall bring the seamless tray well above the water even when the water is at the highest level. The tray bottom shall be perforated to allow easy drain out or entrance of water when the tray is being lifted or lowered in the sterilizer
- It should be capable of working on electricity and kerosene
- Power – Single Phase, 3 pin connection to work on 220/240V. An indicator lamp shall be provided to indicate by glowing when the instrument is ON. Wires of lead shall have carrying capacity of 15A. Heating element should conform to IS:4159:1983. Thermostat shall be capable of ensuring boiling water at sea level with a difference of 5°C

- Kerosene – Oil pressure stove or oil pressure heater with one burner shall be provided underneath, conforming to the requirements specified in IS:1342, 1986 and IS:2787, 1986
- Finish – All stainless steel parts shall be smooth & polished bright

5. INFANT WEIGHING SCALE

- Capable of weighing 0 – 20Kg with a count of 50 grams with 0 adjustment. Infant weighing pan should be stable with smooth surface

6. CENTIMETER AND INCH SCALE

- 12"
- Reputed make
- Material – Plastic
- Lettering - clear

7. BABY SPRING BALANCE

- Baby Spring Balance, hanging type with zero adjustments, suspension ring and load hook
- Aluminium tubular casing
- Calibrating to weight 0 – 5Kg in 100 grams graduation and with Color code, Length of scale 17.5cms (Ref. IS:2489, 1963)
- Colour Code be used as:

0 – 2Kg	- Red
2 – 2.5Kg	- Yellow
2.5 – 5Kg	- Green

- Each Balance shall be marked with the manufacturer's name / trademark and calibration, date and year of manufacturing
- It should read correctly within the specified accuracy, when tested for loads in progressively increasing or decreasing loads

8. WEIGHING MACHINE (ADULT)

- Portable
- Scale in Kg with 0 adjustment
- Shield of steel (1mm thick)
- Square approximate size: 300mm (L) x 300mm (W) or round

9. SPHYGMOMANOMETER, REF. IS:7652

a) Aneroid type

- **Scale Range 0 – 300mm of Mercury, should be accurate**

Cuff size

- **Inflating bag shall be made of natural rubber bag and may be avoid in shape, capable of withstanding internal pressure of 450mm of mercury without leakage and when tested as specified in 6.2**
- **Metal parts should be made of suitable material with suitable corrosion resistant finish.**
- **Rubber parts shall be made of good quality. The rubber tubing shall have a minimum tensile strength and elongation at break before ageing as 105 Kgf/cm² and 400% respectively.**
- **Workmanship shall be of high grade and free from defects which detract from the appearance or which may impair their serviceability.**
- **Marking of trade mark/name of manufacturers should be mentioned.**
- **Packing – supplied in a leather/high quality rexine bag of good quality.**

b) SPHYGMOMANOMETER

- Mercurial, IS marked

- Calibrated 1 to 300mm with mercurial lock
- Velcro cuff, Adult and Pediatric (one each)
- Good quality tubing, bellow and valve

10. STETHOSCOPE

- It should confirm to Littman type design IS:3391
- Material light weight Stainless Steel with 2 diaphragms 47mm, 30mm piece
- Tubing and ear piece should be good quality
- Tubing black / gray color 3/16" bore 1/8" wall thickness
- Two spare smooth ear tips and diaphragm
- To be supplied in a box

11. DARI / MATS

- White, good quality
- Reputed make
- Size 3 x 2 meters

12. A.V. AID - CHARTS

13. ASSESSMENT ARTICLE

a) THERMOMETER (ORAL PLAIN AND DIGITAL)

- Centigrade and Fahrenheit
- Reputed make

b) TAPE MEASURE - COTTON

- Reputed make in centimeter (1cms – 150cms) and 1" to 60"

c) STETHOSCOPE

- It should confirm to Littman type design IS:3391
- Material light weight Stainless Steel with 2 diaphragms 47mm, 30mm piece
- Tubing and ear piece should be good quality
- Tubing black / gray color 3/16" bore 1/8" wall thickness
- Two spare smooth ear tips and diaphragm
- To be supplied in a box

d) FOETOSCOPE

- Pinnard Pattern
- Material Aluminium complying IS:21, 1959
- Shape (i)

Diameter	
Ear end	Outer 55mm Inner 50mm
Distal	Inner 14mm Outer 60mm
- (iii) Length 145mm
- Workmanship: The surfaces of the Foetoscope shall be free from scales, burrs, pits. Edges shall be smooth rounded off and shall not be sharp
- Shall have perfectly symmetrical dimensions around the central axis. Rims of foetal end and ear end shall be in one plane, the stethoscope shall anodized in accordance with grade AC 5 of IS:1868, 1968. It shall be tested as IS:6565, 1972

14. HAND WASHING ARTICLE

a) SOAP DISH WITH SOAP (LIFEBUOY / DETTOL)

b) HAND TOWEL

- 12 " X 18"

- Cotton, good quality
- Reputed make

c) NAIL BRUSH

- Nylon, Good quality
- Wooden back 3"
- Size 4 ½ " x 1 ¾ "

d) WATER PROOF BAG

- For (a), (b) and (c)

15. URINE TESTING KIT

a) TEST TUBE

- Size 10 x 75mm (L)

b) TEST TUBE HOLDER

c) SPIRIT LAMP WITH COVER

- Brass with Screw Cap
- Capacity 2oz

d) DROPPER

- Glass with teat

e) BENEDICT'S SOLUTION IN A BOTTLE

- Total quantity 500ml

f) GLASS SYRINGE WITH REUSABLE NEEDLE

2ml

5ml
10ml

- Needle size 22G

16. DRESSING KIT

Consists of:

a) BAG OF STERILE DRESSING KIT

- Sterile cotton - Small roll, Bandage 1", 3", 4" wide, 6yds. Micro pore 7.5cms wide, length 5 meters

b) ANTISEPTIC SOLUTION IN A BOTTLE

- Savlon / Dettol

c) ARTERY FORCEPS

- Material Stainless Steel
- Joint - Box
- Length – 6"
- Workmanship – Bright polish surface smooth without any pit / cracks

d) DISSECTING FORCEPS TOOTH

- Material Stainless Steel
- Length 6"
- Joint

e) SMALL BOWEL

- 6" in diameter
- Material Stainless Steel
- Workmanship surface smooth

- Smooth surface, without cracks, pits, bright polish

f) KIDNEY TRAY

- **Size: Small**
- **Material Stainless Steel**
- **Should not rock when placed on level surface**
- Bright polish, smooth surface without any pits /cracks

g) SUTURE CUTTING

- Mayo's, Hegar
- Material Stainless Steel
- Length 6"
- Joint box

h) DRESSING SCISSORS

- Length 6"
- Material Stainless Steel

17. SPHYGMOMANOMETER

a) Regular – Already incorporated - Deleted

b) Electronic – one each

- i) With wrist cuff
- ii) With arm cuff

- CE marked
- Reputed make

18. STETHOSCOPE – Already incorporated - Deleted

19. SOAP & SOAP DISH

- Plastic, good quality
- Soap Lifebuoy / Dettol
- Reputed make

20. DUSTBINS WITH COVER

- Large, good quality
- Plastic
- Reputed make
- Foot operated

21. BED SIDE SCREEN, THREE FOLD

- over all size (W 2438 \pm 10mm x H 1524 \pm 10mm), Design: $\frac{3}{4}$ " (9mm diameter tubular frame 16 SWG in sections. Middle span (1219mm)
- A $\frac{1}{2}$ " thick rod with one end having axial joint and other end having provisions for holding the curtain rod in a horizontal manner in a channel at the top and bottom of each section of the Screen. Mounted on 8 Nos. 2" (51mm) Nylon castors. 4 middle Section. 2 each for side portion
- Epoxy poster coated in white colour with minimum 50 microns. The above product should conform to applicable ISI standard IS:4458 in respect of materials. Welding process, test & performance. Conforming to BIS 4458 standard or equivalent. It should be stable
- Accessories: Contain cloth – Sky Blue in opaque, lightweight, shrink resistant / pre shrink, durable and suitable for frequent laundering

22. THREE WAY ADAPTER

- Metal

- Brass / chromium plated
- Stainless steel

CHEMICAL / ANTISEPTIC SOLUTIONS (Sr. No. 23 to 39)

(Suppliers should be reputed. Quantity is mentioned in the index)

23. **DETTOL**
24. **PHENYLE**
25. **METHYLATED SPIRIT**
26. **BENDICTS SOLUTION**
27. **TR. BENZOINS**
28. **NITRIC ACID**
29. **ACETIC ACID**
30. **SULPHUR POWDER**
31. **AMMONIUM SULPHATE CRYSTAL**
32. **VASELINE**
33. **GLYCERINE**
34. **LIQUID PARAFFIN**
35. **POTASSIUM PERMANGANATE CRYSTAL**
36. **BORIC SOLUTION**
37. **HYDROGEN PEROXIDE**
38. **SODIUM BICARBONATE POWDER**
39. **LITMUS PAPER SHEETS RED & BLUE**

I. LINEN

1. & 2. MATTRESS WITH COVERS

- Material: Polyurethane
- Thickness: Adult - 4"
Child – 2"
- Size: Adult 195 – 200cms (Length) x 80 – 85cms (Width)
Child 145 – 150cms (Length) x 70 – 75cms (Width)
- Cover: Leatherette

3. BED SHEET

- Stitched
- Material Casement, bleached, stitched on all sides
- White colour
- Size: Adult approx. 270 x 160cms
Child approx. 250 x 100cms

4. DRAW SHEET

- Material cotton (casement), bleached, stitched on all sides
- Colour white
- Size: 150 x 240cms

5. PILLOWS WITH COVER

- Filling: Poly-fill 600 grams
- Size: Large 15" x 26"

Small 12" x 14"

- Cover: Double Inner with cotton

Outer with leatherette 1mm thick with a zip

6. SAND BAGS

- Size: Assorted Length 8", 10", 12"
Diameter 8", 10", 12"
- Cover: Macintosh, stitched properly

7. BLANKETS

- Soft wool
- Size: 152 x 215cms
- Camel colour, Four side stitched satin patti, 4" width
- Reputed make

8. BED SPREADS

- Material poplin, Light Blue
- Size: 270 x 160cms

9. TOWELS

a) BATH TOWEL

- Cotton 100%
- Size: 65 x 125cms approx.
- Superior quality

b) HAND TOWEL

- Cotton 100%

- 70 x 70cms, white in colour
- 110 x 90cms

c) SURGICAL TOWEL

- Bleached casement cloth, White in colour
- Size: 110 x 90cms

d) PACKING TOWEL

- Cotton
- Size: 4" x 4" (approx.)

e) TOWEL CLIPS

- Mayo's type
- Material Stainless Steel

10. SPONGE CLOTH

- Rolls
- Length 18 meter, Width 90 cms
- Good quality

11. HOT WATER BAG

- Size: 10 ½" x 7 ½ "
- Rubber
- Reputed make
- Leak proof

12. ICE CAP WITH COVER

- Rubber, Ice Cap

- Circular size 4", 6", 8", 10", 12"
- Two each size

13. AIR RINGS / CUSHION COVERS

- Sizes: 16", 18", 20"

14. GOWN

- Stitched Gown of Terricot, Green in colour
- Size: 50 – 55" Length
55 – 60" Chest
- Full sleeve length about 25" with cuff

15. PATIENT DRESSES

a) MALE: KURTA PAJAMA

- Terricot, Green colour
- Standard two size Kurta to have one front pocket. Pajama to have two side pocket

b) FEMALE: LADIES COSTUME

- Terricot, Green colour
- Length approx. 48" – 50" and Chest 45" – 50"

c) BABY DRESSES OF DIFFERENT SIZES

- Three in each set
- Material terricot, green colour

d) DIAPERS OF DIFFERENT SIZES

- Material Cotton soft

- Each set should have 3 sizes

16. TROLLEY COVER

- Stitched, double layer of bleached cotton in green / light blue colour. Approx. size of 145 x 145cms

17. DIRTY LINEN BAG BOX

a) BOX

- Material: Tin
- Size: 6 feet x 2 feet with lid and hinge for locking

b) BAG

- Material: Canvas
- Capacity: 5Kg

18. LEGGINGS PAIRS

- Terricot, colour green
- Length 110cms
- Width 85cms top
40cms bottom

19. PERINEAL SHEETS

- Terricot, green in colour
- Size: 225 x 90cms
- Size of eye should be 10" with reinforced double stitched at the edges side cutting 9"

20. TRIANGULAR BANDAGE

- Material Cotton, doubly stitched
- White colour
- Different sizes Small, Medium and Large

21. MANY TAILED BANDAGES

- Material Cotton
- Doubly stitched
- Small, Medium & Large

22. EYE SHIELD

- Standard size
- Material Cotton, colour white

23. DUSTERS

- Good quality
- Cotton
- Checked design
- Size: Approx. 12" x 18"

24. SLINGS

a) ARMS SLINGS

- Small, Medium and Large (One each)

b) CERVICAL COLLAR

- Small, Medium and Large (One each)

25. T BINDER

- Different sizes

26. CURTAIN SET (BED SIDE / SCREEN)

- Three fold
- Material poplin, colour green / sky blue
- Size: Standard

Portable Autoclave

The Autoclave shall conform IS:3829-1978 (Part-I) with latest amendments. The Autoclave shall be a vertical cylindrical high pressure sterilizer, double shell with Steam jacketed. The chamber, ring and back plate and steam generator shall be of stainless steel. The jacket shall be insulated with asbestos sheet or glass wool to minimize the heat losses. The sterilizer shall be provided with a pressure locking type safety door, which locks automatically as soon as the chamber is under pressure, unlocking only when the chamber is exhausted. The sterilizer shall be provided with a pedal lifting device and radial locking system.

The sterilizer shall be provided with:

Multi port main operating valve to control the entire steam sterilization

Pressure gauge for jacket

Compound gauge for Chamber

Plus Screen

Non-return Valve

Safety Valve

Powerful Ejector

Self-Sterilizing Vacuum Drier

Arrangement to avoid contamination of sterilized load

Vacuum Breaker

Pressure control Switch

Automatic low water level cut off Devices

Indicating lamp for operation

The Unit shall be mounted on aluminium enameled tubular steel frame (Minimum 6" height) with ground leveling screwed flanges

Unit design shall include an airtight pressure proof seal / gasket

The equipment shall have a timer of 0 – 60 minutes

The Autoclave shall have a single piece door made of Stainless Steel. The jacket shall be made of heavy gauge Stainless Steel sheet with leak proof argon arc welding

All fittings shall be chromium plated

Heating Element: Flanged type immersion heating elements made of high-grade material, shall conform to IS:4159, 1983 with latest amendments of equipment

The equipment shall ensure complete safety to the working personnel against explosive openings

Hydraulic test shall be done at 1.5 times the working of Sterilizer chamber and 2 times of working pressure of the jacket respectively

Operating pressure: 16 – 18psi (Adjustable) at a temperature of 120 degrees Centigrade and 30psi at 134 Degree Centigrade

Desired Pressure: 2.2Kg/Centimeter square

Chamber Size: Inner – 300mm diameter x 500, Height

Operating Voltage & Power: 220 – 240 V AC, 2 Phase, 50 Hz, 3 – 6KW

Pressure switch to economic power consumption. Supplied with complete cord & plug for operation

To be easily accommodate in the Autoclave

Accessories:

Two nos. Stainless Steel Drums size: 275mm dia x 240mm height seamless to IS:3831, 1979 with latest amendments or equivalent

