

BID DOCUMENT

INVITATION FOR BIDS FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF MEDICAL EQUIPMENT FOR NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH & MEDICAL SCIENCES (NEIGRIHMS) AT SHILLONG

Only through E-Tendering System

NATIONAL COMPETITIVE BIDDING

BID REFERENCE: IFB No. HSCC/PUR/NEIGRIHMS/2008/A Dated 27.09.2008

HSCC (I) LTD.

(A Govt. of India Enterprises)

Plot No. 6A, Block-E, Sector-1, NOIDA (U.P.) – 201 301.

Tel: 0120-2542436,37,38,40 Ext. 202, 0120-2545960

Fax : 0120-2542447.

FORWARDING LETTER

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

Our Ref.: IFB No. HSCC/PUR/NEIGRIHMS/2008/A Dated 27.09.2008

Your ref: _____

SUBJECT: INVITATION FOR BIDS FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF MEDICAL EQUIPMENTS FOR NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH & MEDICAL SCIENCES (NEIGRIHMS) AT SHILLONG - **Only through E-Tendering System**

Sir

1. Enclosed please find bid document for various **Schedules** of items.
2. The date for the Bid Uploading 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 the **Schedule(s)** for which the payment of Bid Document Fee is made as per the Clause 9[B] of Instructions to Bidders.
4. **Pre-bid meeting on Techno-Commercial conditions shall be held on 13.10.2008 at 10:00 AM at HSCC (I) Ltd., E-6A Sector 1, Noida – 201 301 (UP). Bidders are requested to bring with them any clarifications required in writing and submit the same during the Pre-bid meeting/discussions. Response to the queries, amendments, if any shall be displayed on website www.tenderwizard.com/hsc by 20.10.2008.**

Kindly acknowledge the receipt of the Bid Document.

Executive Director (Proc. & PG-I)

- Encl: 1. Annexure-A – Important Clauses in brief.
2. Invitation For Bid (IFB).
3. Invitation For Bids (IFB) – Details
4. Instructions for E-Tendering
5. Section-I - Instructions To Bidders (ITB)
6. Section-II - General Conditions Of Contract (GCC)
7. Section-III - Special Conditions Of Contract (SCC)
8. Formats
9. Description & 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. Quoted price must include cost of 2 years Comprehensive Warranty with spares and 3 years AMC Charges without spares thereafter.
3. **Statutory Variation** - As per Clause 6.4 of ITB. Any variation in the Statutory Levies / Taxes/ Duties/ Cess or any new Levies/ Taxes/ Duties/ Cess on end product shall be payable at actual provided documentary evidence of the prevailing rate quoted at the date of submission of bid and changes at the time of actual supplies (within stipulated delivery period) is furnished.
4. **Optional Items** - As per Clause 6.6 of ITB. Bidder in their own interest should quote separately for any Optional Items of the Technical Specifications. In case the Optional items of the Tender Specifications are not quoted explicitly, then the rate quoted shall be considered for the tendered main item and accordingly price comparison shall be done. No benefit shall be considered for inclusion of Optional Items in the Tendered Item.
5. **Manufacturer's Authorization** - As per Clause 7.2 (a) of ITB. In case of a Schedule comprising group of items, then Bidder may give Manufacturer's authorisation for main equipment from the Principals and other equipment from other manufacturer's of his choice (indigenous/ imported) for which Bidder shall submit Manufacturer's Authorization as per the Tender format.
6. **Bid Document Fee** - See Clause 9 [B] of ITB.
7. **Bid Validity** - **180** days as per Clause 10.1 of ITB
8. **Amount of Performance Security-** 5% as per Clause 24 of ITB.
9. **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 and shall supercede all other terms & conditions given by the bidder in their bid.

General Conditions of Contract (GCC)

- 10. **Delivery** - 8 - 12 weeks as per Clause No.9 of GCC.
- 11. **Insurance** - 110% of Order Value as per Clause No.10 of GCC.
- 12. **Payment Terms** - 90% & 10%, 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

14. Minimum Qualification Criteria

- As per Clause 4 A (iii) of SCC. In case of a Schedule comprising group of items, then Bidder may give Self Manufacturer's authorisation for main equipment and for associated equipment from other manufacturers of his choice (indigenous/imported) for which Bidder shall submit Manufacturer's Authorization as per the Tender format.

15. Minimum Qualification Criteria

- As per Clause 4 A (iv) of SCC. Bidders should have in the past 5 years, satisfactory executed for the **Schedule** offered, at least one single order of like nature of item and quantity not less than 25% or two orders of 12.50% of quantity of **Schedule** offered by bidder. The 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.**

16. Other eligibility requirements

- As per Clause 4 B (ii) 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.

17. Bid Form

- To be submitted as per Clause 6 of SCC in the given format.

18. Components & Quantities

- All components/ quantities of a Schedule must be quoted as per Clause 9 of SCC.

19. Turnkey activities

- The offer should be on turn-key basis including all costs incidental to the same as per Clause 12 & 15 of SCC.

NEIGRIHMS

(NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH & MEDICAL SCIENCES)

INVITATION FOR BIDS (IFB) – National Competitive Bidding (Through E-Tendering)

IFB Reference: HSCC/PUR/NEIGRIHMS/2008/A

Dated : 27.09.2008.

North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences (NEIGRIHMS) under Ministry of Health & Family Welfare, Govt. of India, through their consultants HSCC (India) Ltd. invites bids through E-Tendering from manufacturers/authorized Indian Agents in Single stage two bid system for Supply, Installation, Testing & Commissioning of Medical Equipment for NEIGRIHMS, Shillong.

Urology

Medical Training

Radiology

Cardiology

Ambulances

Blood Bank Van

Pediatrics

Video Endoscopy

Please log on to www.tenderwizard.com/HSCC for downloading bid document and for participation through E-Tendering.

Executive Director (Proc. & PG-I)

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NEIGRIHMS

(NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH & MEDICAL SCIENCES)

INVITATION FOR BIDS (IFB) – DETAILS (Through E-Tendering)

IFB Reference: HSCC/PUR/NEIGRIHMS/2008/A

Dated: 27.09.2008.

North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences (NEIGRIHMS) under Ministry of Health & Family Welfare, Govt. of India, through their consultants HSCC (India) Ltd. invites bids through E-Tendering from manufacturers in Single stage two bid system for Supply, Installation, Testing & Commissioning of Medical Equipment for NEIGRIHMS, Shillong.

Urology Medical Training Radiology Cardiology Blood Bank Van Ambulances Pediatrics Video Endoscopy

Major Head '2008-A'

Schedule Name		Description	Quantity	Last Date of Submission of Bids	Bid Security (in Rs.)
UR	1	Lithotripsy Machine	1 no.	03.11.2008	3,00,000.00
UR	2	Urodynamic System	1 no.	03.11.2008	50,000.00
UR	3	Upper & Lower Urinary Tract Set	1 no.	03.11.2008	2,00,000.00
MED.TRNG	1	Human Patient Simulator	1 no.	03.11.2008	4,00,000.00
RAD	1	Digital Radiography System	2 nos.	03.11.2008	6,00,000.00
RAD	2	Diode Intervention Laser	1 no.	03.11.2008	60,000.00
RAD	3	Heavy Duty Auto Film Processors	5 nos.	03.11.2008	40,000.00
CAR	1	Echo Cardiography Machine	2 nos.	03.11.2008	75,000.00
VAN	1	Blood Bank Van for conducting out-door blood collection mobiles	1 no.	03.11.2008	50,000.00
AMBUL	1	Basic Life Support Ambulance	2 nos.	03.11.2008	1,00,000.00
PED	1	Infant Incubator	6 nos.	03.11.2008	50,000.00
PED	2	Microprocessor-controlled Radiant Heat Warmer with Pulse Oximeter	5 nos.	03.11.2008	40,000.00
		Neonatal Resuscitation Unit with CPAP, Pulse Oximeter & Apnea Monitor (Resuscitator)	4 nos.	03.11.2008	
ENDO	1	Endoscopy & ERCP Suite: - 0 deg. Upper GI Scope : 1 no. - Ped. Upper GI Scope : 1 no. - Ped. Upper GI biopsy forceps : 2 nos. - Colonoscope : 1 no. - UGI Biopsy Forceps, reusable : 6 nos. - UPS Back-up System (min. 2 hrs.) : 1 no. - Computer with CD ROM/DVD based data storage system compatible with laser/inkjet printer for images & reports : 1 each - Clip Applicator for Laparoscopy surgery (medium large, medium, large size) : 1 each - Automated Endoscope Washing & Disinfection Machine : 1 no.	1 Set	03.11.2008	40,000.00
ENDO	2	Rigid Sigmoidoscope	2 sets	03.11.2008	10,000.00
ENDO	3	Complete Video-endoscopy system Upper GI	1 no.	03.11.2008	10,000.00

These tenders are invited only through E-Tender system in order to enhance transparency in the tendering process.

S. No.	Description	Schedule
1).	Place of downloading of bid document	www.tenderwizard.com/HSCC
2).	Date & time of down loading of bid document from the website mentioned above	From 27.09.2008 to 03.11.2008 up to 15.00 hrs.
3).	Pre-bid meeting date & time	13.10.2008 at 10.00 hrs.
4).	Venue of pre-bid meeting	HSCC (India) Ltd., E--6A, Block-E, Sector-1, NOIDA (U.P.) – 201 301
5).	Pre-bid meeting query response date & time on the website mentioned above	20.10.2008, up to 11.00 hrs
6).	Date & time for submitting Bid Document Fee	From 27.09.2008 to 03.11.2008 up to 15.00 hrs.
7).	Date & time for submitting Bid Security/EMD	From 27.09.2008 to 03.11.2008 up to 15.00 hrs.
8).	Last date & time for electronic submission/up-loading of bid	03.11.2008 up to 15.00 hrs
9).	Techno-commercial opening of bids	03.11.2008 up to 16.00 hrs
10).	Venue of pre-bid meeting	HSCC (India) Ltd., E--6A, Block-E, Sector-1, NOIDA (U.P.) – 201 301

Please log on to www.tenderwizard.com/HSCC for downloading bid document and for participation through E-Tendering.

- i). Bid evaluation will be made on the basis of total "All inclusive lump sum price" to be offered for each equipment/store comprising a Schedule. Any part/incomplete offer in respect of a particular equipment/store shall be rejected.
 - ii). Bidders may quote for any one or more Schedules. Bid Security should be given separately for each Schedule as indicated.
 - iii). The bidders should quote for each Schedule as a separate bid.
 - iv) Bids shall be evaluated separately for each Schedule
 - v) For goods of imported origin, a foreign manufacturer can quote through their authorized Indian agent.
- 1). Bidder may quote for one or more schedules under the Major Head by paying one time Bid Document Fee of Rs. 2500/- (non-refundable). But Bid Security should be given separately for each **Schedule** as indicated. Bid document fee paid is non-refundable and the bid documents are non-transferable.
 - 2). **All prospective bidders may attend the pre-bid meeting schedule to be held on 20.10.2008 at 11.00 hrs. at HSCC, Noida office for training for E-Tendering.**
 - 3). In the event of any of the above tender opening/closing dates being declared as holiday/closed day for the purchase organization, the bids will be sold/received/opened on the next working day at the stipulated time.
 - 4). The Bid Document Fee (in cash/DD of Rs.2500/-) and EMD (in the form of DD only) of amount as mentioned in the bid document for each schedule is payable by crossed account payee Demand Draft drawn in favour of **HSCC (I) Ltd.** drawn on any nationalised/scheduled bank payable at NOIDA/New Delhi should reach on or before the date mentioned in above table.

- 5). **Corrigendums/modification/corrections, if any, will be published in the website**
(www.tenderwizard.com/HSCC)
- 6). **Bids to be submitted on-line in single stage two bid system, i.e., Techno Commercial Bid (un-priced bid) and Price bid, for the above, including Bid Security & Bid Document Fee.**
- 7). The bidders shall be required to furnish a Bid Security for each **Schedule** offered along with the Bid for an amount specified herein above in the form of Demand Draft drawn in favour of HSCC (I) Ltd. from any Nationalised bank payable at NOIDA or New Delhi. The successful bidder will be required to furnish Contract Performance Security for 5% of contract value with a ceiling of Rs. 30 lakhs for any **Schedule**, in the form of a Demand Draft drawn in favour of HSCC from any Nationalised bank payable at NOIDA or New Delhi within 10 days of issue of notification of award of contract. All relevant terms and conditions of tender and other details are available in bid documents.
- 8). Bids shall be evaluated separately for each **Schedule**.
- 9). In case of goods of import origin, a foreign manufacturer can quote through their authorized Indian agent.
- 10). Bidder's request for waiver, alteration etc in respect of bid document fee, Bid Security, contract Performance Security etc will not be accepted and hence no formal reply will be given for such request.
- 11). HSCC reserves the right to accept or reject any or all of the tenders in full or in part including the lowest bid without assigning any reasons thereof or incurring any liability thereby.

Executive Director (Proc. & PG-I)

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Fax : 0120-2542447, 2533001

INSTRUCTION FOR E-TENDERING

Bid Documents can be downloaded from www.tenderwizard.com/HSCC from 27.09.2008 to 03.11.2008 up to 15.00 hrs..

The bidder should have **Digital Signature Registration** and **Vendor's Registration** for participation in e-tendering i.e filling up the formats and uploading of the bid on the website www.tenderwizard.com/HSCC.

The bidder shall have to log on www.tenderwizard.com/HSCC for **Vendor's Registration** through the link "**Register Me**". The bidder shall have to pay Rs.1124/- (Rs. One Thousand Twenty Four only) for Vendor Registration as described in the link '**Register Me**'.

In order to bid for HSCC e-tenders all the bidders are required to obtain a legally valid digital certificate as per Indian IT Act from licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities of India. The bidder may use the **Digital Signature** (the user ID & password) registered from licensed CAs' such as:

<http://www.safescrypt.com/>
<http://www.tcs-ca.tcs.co.in/>
<http://www.mtnltrustline.com/>
<http://www.gnvfc.com/>

In the context of **Digital Signature Registration**, the bidder may also take help from M/s. KEONICS. The minimum time required for such Registration is 10 days.

Bidders shall be able to fill-up the following formats of the Techno-Commercial Bid and Price Bid, only after getting Digital Signature Registration & up-load them in the portal site www.tenderwizard.com/HSCC after getting Vendor Registration.

Techno-Commercial Bid

- i). Bid Form
- ii). Commercial Format
- iii). Commercial Compliance Format
- iv). Technical Compliance Format
- v). Proforma of Performance Statement

Price Bid

- i). Price Schedule (Imported product/Price Schedule (Domestic Product)
- ii). AMC Price Schedule

The Bidder also must upload the following scanned copies along with above tender formats as attachments to the techno-commercial bid. The following documents must be signed and stamped by the bidders before scanning & attachment:

- i). Bid Form on the letter head of the bidder
- ii). Demand Draft for Bid Document Fee
- iii). Demand Draft for Bid Security Fee

- iv). Valid Manufacturer's Authorisation Form/Manufacturers' Self Authorisation Form
- v). Power of Attorney on the Letter Head of the bidder
- vi). Product Brochure/Literature
- vii). Satisfactory Clients' Certificates as mentioned in the Proforma of Performance Statement
- viii). Purchase Order Copies in respect to the above Clients' Certificates
- ix). Audited balance sheets with Profit & Loss Account along with audited reports for the last 3 years .
- x). Valid AERB/BARC certificate, if required
- xi). Valid Sales Tax Clearance Certificate
- xii). Certificate of Incorporation
- xiii). Name and address of the Banker with Account No.

The Bidder shall ensure that the bid complete in all respects must be uploaded on the website www.tenderwizard.com/HSCC on or before the closing date & time indicated in the bid document. No rectification in the bid is possible after submission of the bid on-line.

The Bidder shall also ensure that EMD in the form of DD along with Bid Document Fee in the form of DD/Cash of the indicated amount has reached at HSCC (India) Ltd., E-6(A), Sector-I, Noida, on or before the closing date and time as mentioned in the bid document failing which the bids shall be treated as late and rejected.

Only the **Techno-Commercial bid** shall be opened on 03.11.2008 at 16.00 hrs. The techno-commercial bid shall not be opened of those bidders who have not complied with the provisions of the Bid Document Fee and Bid Security clause in the tender document. Based on Techno-Commercial evaluation, the **Price bids** of only those bidders, who are found technically and commercially eligible, shall be opened at a later date to be intimated to them.

SECTION-I

INSTRUCTIONS TO BIDDERS (ITB)

This bid document should be read in conjunction with the Press Tender Notice/IFB, Ref. No. HSCC/PUR/NEIGRIHMS/2008/A Dated 27.09.2008, a copy of which is enclosed in this document and all clauses to be read in conjunction with any other instruction given else, where, 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) Instructions for E-tendering, (iv) Section I (ITB), (v) Section II (GCC), (vi) Section III (SCC), (vii) Annexure-1 (Description & Specifications), (viii) Formats for Bid form, Performance Statement Proforma, Manufacturer's Self Authorisation form & Manufacturer's Authorization form (for Equipments of Imported origin), Commercial Compliance, Technical Compliance, Consignee receipt, Price Schedule (Imported product/Domestic Product), AMC Price Schedule.
- 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 NEIGRIHMS 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. The Purchaser will respond in writing to any request for clarification of the Bidding Documents that it receives **not later than the date of Pre-bid Meeting.** Purchaser's response (including explanation of the query but without identifying the source of inquiry) will be displayed on the website www.tenderwizard.com/HSCC 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 www.tenderwizard.com/HSCC.
- 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, extent 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.
 - ii) Detailed technical specifications of **Schedules** quoted and if applicable, along with Catalogue / Literature fabrication drawings, make and model of the equipment offered with prices blanked (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) Bidders to indicate Name and Address of their Bankers; and
 - vii) Current Sales Tax Clearance Certificate & last 3 years audited balance sheets.
 - viii) Documentary evidence established in accordance with Clause 7 that the Bidder is qualified to perform the contract if its Bid is accepted.

- ix) 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;
 - x) Proof of payment of Bid Document Fee as per clause 9[B].
- b) Price Bid: The information given at Sr. No. 5 (a) (ii) above should be reproduced but with prices indicated. The prices shall be all inclusive lumpsum prices as per description given at Clause No. 6.

6. **BID PRICE :**

- 6.1 (a) The Price bid for the **Schedule** to commensurate with scope of supply indicated against the **Schedule** and should indicate all inclusive lump sum price offered for each equipment/store comprising a **Schedule** including cost of the stores, freight, insurance, transit insurance, packing forwarding, VAT, Excise duty, Basic Custom Duty upon production of CDEC, Inspection/Inspection certificate charges (ISO certified inspection agencies), road permit costs etc. and including charges whatsoever applicable, for equipment installation and commissioning with all the men and material required for the same and including charges, for two years comprehensive warranty service with spares with downtime not more than 48 hours, regular maintenance plans & wherever applicable including charges for three years **Annual Maintenance Contract (AMC) with Service Tax, without spares** included after completion of initial two years comprehensive warranty. The all inclusive lump sum price should be on **F.O.R. Site (i.e. destination)**, for the above and inclusive of all charges stated herein above. **The all inclusive lump sum price needs to be accompanied by a statement indicating a clear “break up” of all inclusive lump sum price of its various components constituting it along with values/amount indicating against each of such components adding to arrive at all inclusive lump sum price.** The prices are to be kept valid for acceptance up to 180 days from the date of the opening of bids. No other charges in addition will be payable on any account over and above the lump sum price quoted. The prices should be given both in figures and words. Offers with price variation clause will not be accepted, 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. VAT, whichever applicable will be incorporated in the above all inclusive lump sum price. Custom duty exemption certificate and octroi exemption certificate will be issued by consignee and price to be quoted accordingly.

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. Bidders shall indicate the actual amount of octroi, excise duty, VAT, basic custom duty, etc. which becomes otherwise payable in the extreme event of consignee not in a position to release certificates like CDEC, Octroi Exemption Certificate etc.

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

Offers for Import origin goods shall clearly indicate firm, "All inclusive lump sum price" calculated in equivalent Indian Rupees and giving break up of as FOB (Free on Board), Marine Insurance, CIF (Cost Insurance Freight), Custom clearance charges, examination,

stamp duty, local transportation and Insurance etc. and all other charges for services to be rendered as explained under offer for Indigenous goods. The all inclusive lumpsum price shall take care of impact of foreign exchange rate fluctuations, etc. and accordingly arrive at the all inclusive lump sum price in equivalent Indian Rupees and this shall be the ceiling amount payable against the order irrespective of whatsoever higher fluctuations in exchange rate applicable at the time of L/C negotiation. All ordered conditions shall be adhered with the ceiling amount. Customs handling & clearance will be the responsibility of Indian agent at his cost. CDEC/ NMIC will be provided by NEIGRIHMS/MOHFW.

- 6.1 (c) The payments to both indigenous supplies as well as import supply shall have a ceiling amount, which would be the All Inclusive lump sum price.
- 6.2 The purchaser will evaluate Bids based on all inclusive lump sum prices quoted for each **Schedule**.
- 6.3 The All inclusive Lump sum price will include wherever applicable charges for 3 years **Annual Maintenance Contract (AMC) with Service Tax, without spares** as required for the purpose of evaluation and the payment to prospective suppliers will not include payment of AMC charges at the time of payment for delivery/receipt of goods. The quantum of 3 years AMC charges without spares should be clearly indicated in the break up lump sum price and this is payable at the end of 1st year, 2nd year & 3rd year after initial two years comprehensive warranty with spares.
- 6.4 **Any variation in the Statutory Levies / Taxes/ Duties/ Cess or any new Levies/ Taxes/ Duties/ Cess on end product shall be payable at actual provided documentary evidence of the prevailing rate quoted at the date of submission of bid and changes at the time of actual supplies (within stipulated delivery period) is furnished.**
- 6.5 The bidder shall bear all taxes / duties/ incidental charges for the parts replaced or supplied during the Warranty period.
- 6.6 **Bidder in their own interest should quote separately for any Optional Items of the Technical Specifications. In case the Optional items of the Tender Specifications are not quoted explicitly, then the rate quoted shall be considered for the tendered main item and accordingly price comparison shall be done. 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 import origin 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 a Schedule comprising group of items, then Bidder may give Manufacturer's authorisation for main equipment from the Principals and other equipment from other manufacturer's of his choice (indigenous/imported) for which Bidder shall 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 conforming 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 equipment, 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. **BID SECURITY**

- 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 a demand Draft drawn in favour of M/s HSCC (India) Limited, payable at Noida or New Delhi from a Nationalised/ Scheduled bank.**
- 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. Fee can be deposited 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, before date & time of submission of bid. The Bids will not be accepted without proof of payment of the Bid Document Fee.

A bidder can quote for one or more Schedules under Major Head '2008-A' by paying just once for the bid document fee of Rs.2500/-.

However, separate bid shall be submitted for each Schedule.

To summarize, **Bid Document Fee** has to be submitted only once, irrespective of the number of Schedules quoted therein under Major Head 2008-A.

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

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

10.1 **Bids shall remain valid for 180 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 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 has to submit his bid only through E-Tendering. The Bidder shall prepare single stage Two part bids, i.e. Techno Commercial Bid (un-priced) and Price Bid and upload in the site www.tenderwizard.com/HSCC through e-tendering. All Techno-commercial & Price Bid Formats of the bid document should be duly filled by the Bidders.

11.2 Unless otherwise mentioned, the e-tenders shall contain all the documents including technical literature, catalogues, order copies, clients/end-user certificates for satisfactory performance of the equipment offered, balance sheets etc. as per the requirement as per Instructions for E-Tendering. 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 The Bidders has to submit their bid only through E-Tendering.

- 12.2 The bidder shall up-load supporting documents as indicated in the Instructions for E-Tendering on the site www.tenderwizard.com/HSCC through e-tendering. The bidders must ensure that they have to submit the bid with-in the stipulated time as specified in the bid document through e-tendering mode.
- It is responsibility of the bidder to ensure that EMD & Bid Document Fee whether sent by post or by person are reached to the office of Executive Director (Proc. & PG-I), HSCC (India) Ltd., E-6A, Sect-1, Noida-201301 (U.P.) by the specified submission date & time as per the bid document. In the event of specified date for submission of the bids fall on/is subsequently declared a holiday or closed day for the purchaser, the bids will be received up to the appointed time on the next working day.
- 12.3 The bids cannot be up-loaded after the specified date & time for submission of the bids as mentioned in the bid document.
- 12.4 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 Executive Director (Proc. & 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 No Bid can be uploaded on the site after the deadline for submission of Bids prescribed by the Purchaser, pursuant to clause 13.
- 14.2 The Bidder shall ensure that bid complete in all respect must be up-loaded on the website www.tenderwizard.com/HSCC on or before the closing date & time indicated in the bid document. No other rectification in the bid is possible after submission of the bid on-line.

- 14.3 No tender shall be withdrawn after the deadline for submission of the tender and before expiry of the bid validity period. If a bidder withdraws its bid during this period, it will result in forfeiture of the earnest money furnished by the bidder in its bid.
15. **OPENING OF BIDS BY PURCHASER:**
- 15.1 The Purchaser will open the Techno-commercial bid only, on the due date and time as mentioned in the IFB.
- 15.2 The Bidders' names, the presence or absence of the requisite Bid Security, Bid Document Fee, Model & Make of equipment offered shall be made available at the opening through E-Tendering.
- 15.3 Price Bid of bidders whose offers (Techno-commercial bid) are found technically and commercially suitable and comply with the Bid Documents 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.
- 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 opened.**
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 Taxes & Duties (GCC Clause 24) 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), Applicable law (GCC Clause 22) and Taxes & Duties (GCC Clause 24) 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, 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 5% of the contract price upto a ceiling of Rs. 30 lakhs for any **Schedule** in the form of a Demand Draft drawn in favour of HSCC (India) (I) Ltd. payable at Noida or New Delhi from a Nationalised/Scheduled 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 make the award to the next lowest Bidder or call for new Bids.

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.

Executive Director (Proc. & 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, machinery, 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., NEIGRIHMS 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 NEIGRIHMS.

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:

- 3.1.1 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.
- 6.2 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 equipment 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 8-12 weeks** from the date of contract (or from the date of establishing Letter of Credit in favour of the Principals in case of imported origin Goods) **unless specified in IFB** and installation and commissioning to be done wherever applicable within 7 days thereafter. 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 commissioning. 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 etc. In any event the Goods are at the suppliers risk until delivery to site.

11. **TRANSPORTATION:**

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

12. **PAYMENT:**

Both for Indian origin goods and for import origin goods. To be read in conjunction with clause 6.0 of ITB.

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 HSCC authorities shall accompany for release of balance payment.

12.2 **FOR INDIGENOUS GOODS:**

- i) 90% of the invoice value will be made within 15 days of documentary proof of receipt of the invoiced goods along with necessary documents like transport, transit insurance etc.
- ii) Balance 10% payment subjected to clause 6.1 of ITB will be released within 15 days, upon receipt of satisfactory Installation & Commissioning Certificate from Concerned Authorities/ HSCC.

12.3 **FOR IMPORT ORIGIN GOODS:**

Payment will be made by opening of Irrevocable Letter of Credit in favour of the foreign supplier. The amount of Indian Agency Commission if, any, out of FOB price will be deducted from the C.I.F L/C value, and this Agency Commission shall be paid in equivalent Indian Currency in India to the Indian agent, subject to clause 6.1(c) of ITB after receipt of satisfactory installation & commissioning report of the equipment. Irrespective of the agency commission, **10% of FOB Price will be deducted and L/C opened for net of C.I.F value.** This L/C will have provisions for release of this deducted amount subject to clause 6.1(c) of ITB only after receipt of satisfactory acceptance report, satisfactory Installation & Commissioning Certificate from Hospital Authorities/HSCC.

12.4 **The stores (both Indian & Import origin goods) should be despatched only after ensuring prudent inspection carried out from ISO Certified third party Inspection Agencies viz. LLOYDS/SGS/CSIO/ERTL etc. and proof of such documents submitted to HSCC for the goods inspected. HSCC on receipt of such documents shall issue Despatch Clearance Certificate. No goods (both Indians & Import origin goods) shall be despatched before issue of Despatch Clearance Certificate by HSCC.**

12.5 Payment for turn-key activities shall be released in full on completion of the activity.

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.

13.2 In receipt of offer in foreign currency, the exchange rate prevailing on the date of opening of bid (Techno Commercial bid) shall be taken for comparison of bid prices.

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.

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 Equipment, 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 24 months after the Goods have been satisfactorily installed & commissioned as duly certified by the appropriate authority, whichever is earlier.

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 equipment found defective within 30 days after the date of acceptance of equipment. 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 HSCC nominated representatives. The decision of HSCC (I) Ltd. in the matter of acceptability of the stores will be final and binding. In case 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 EQUIPMENTS)

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 equipment to each consignee and one set of Operation & Maintenance Manual is to be provided to Purchaser while claiming 90% 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 Shillong 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 equipment without restrictions to price factor alone.
- iii) HSCC (I) Ltd. also reserves its right to split an order on more than one party as it deems fit in respect or order for any item.

Executive Director (Proc. & 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 etc. In any event the Goods are at the Supplier's risk until delivery to 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 upon advance notice from supplier shall only provide the CDEC (Custom Duty Exemption Certificate), Octroi Exemption Certificate, etc. wherever required.
4. **A. Minimum Qualification Criteria (For Equipments):**

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 Indian agent for the type of stores offered.
- ii) An authorised Indian agent could be only for an imported origin equipment duly authorized by the foreign principal quoting through the Indian agent.
- iii) Indigenous Manufacturers to quote themselves and not through any agent.

In case of a Schedule comprising group of items, then Bidder may give Self Manufacturer's authorisation for main equipment and for associated equipment from other manufacturers of his choice (indigenous/imported) for which Bidder shall submit Manufacturer's Authorization as per the Tender format.

- iv) Bidders should have in the past 5 years, satisfactory executed for the **Schedule** offered, at least one single order of like nature of item and **quantity not less than 25% or two orders of 12.50%** of quantity of **Schedule** offered by bidder. In case of group of items comprising the **Schedule**, then this quantity shall be for the high value equipment in that **Schedule**. The Bidders shall furnish "**End User Certificates**" indicating contract details i.e. name of person, phone/fax /mobile nos. etc. Bidders shall also certify that they have not supplied equipment 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 sheet 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.

Notwithstanding anything stated above, the purchaser reserves the right to assess the capability and capacity of bidder to perform the contract.

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

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

6. **Bid Form: To be submitted by all bidders as per format enclosed:**

7. In respect of equipment, the charges for 3 years Annual Maintenance Contract with Service Tax, without spares (AMC) (after initial 2 years comprehensive warranty period) year wise should be indicated separately & this will be included in the all inclusive lump sum price for purpose of evaluation of bids.

8. **Bidders have to purchase one set of bid document for each Major Head participated. The bidders shall deposit the requisite Bid Document fee as per Clause 9[B] of Instructions to Bidders.**

9. **Miscellaneous:**

- a) While quoting for the **Schedules**, all components and quantities specified in the **Schedule** must be quoted. The purchaser will evaluate bid on an individual **Schedule** wise basis. **The bid shall stand rejected if all the components and quantities specified in any Schedule are not quoted.**
- b) **Evaluation will be made on the basis of total all inclusive lump sum price value offered for the Schedule.**
- c) The break up of "all inclusive lump sum price" of the **Schedule**; is also to be furnished in the price offered by bidder.
- d) i) Bidders are requested to quote for the proven and time tested renowned brands of equipment/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) Although bidder may quote for more than one brand for the same price, the purchaser shall have the right to select the brand amongst alternatives quoted and its decision will be binding on the bidder.
 - iv) **Bidder in their own interest can quote for 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 equipment of the bidder will be a doubtful proposition.**
 - e) Deleted.
 - 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 and AMC.
10. Bidders are to inspect the site premises and the proposed place of installation of equipment 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.
11. Bidders are to ascertain normal power supply fluctuation range and to certify that it is compatible with the offered unit of equipment. 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.
12. Bidder's offer should be on a "Turn Key" basis for inclusion of all costs incidental to the same.
13. For X-Ray and related equipment in any **Schedule** only such of those bidders who have the approval/authorisation of BARC/AERB shall only be considered and this clause to be read in conjunction with qualifying criteria clause.
14. 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.

15. Besides 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 “All inclusive lump sum price” should include all such costs, each **Schedule** is to be considered a package in itself and suppliers to execute the order package on a “turn key basis”.
16. 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 board functions in general expected of the equipment 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.
17. Bidders who have paid the Bid Document Fee as per Clause 9[B] of ITB & Bid Security as per Clause 9 of ITB are only eligible to quote.
18. The supplier/manufacturer shall be made responsible for organising timely clearance/delivery of the equipment from the custom authorities by appointing custom agent, if necessary, and shall also arrange to transport the equipment 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.
19. To ensure timely completion of project, in the event of receipt of only one bid or few bids received for any **Schedules** 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.
20. **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 Equipment Specifications.**

Warranty for Medical Equipments:

“Supplier/ Manufacturer should provide 2 years full onsite comprehensive warranty with spares from the date of installation and 3 years Annual Maintenance Contract (AMC) (without spares i.e. Labour only) for the 3rd, 4th & 5th year after expiry of initial two years satisfactory comprehensive warranty with spares. Warranty will start only from the date of final acceptance of the machine at the department and price quoted inclusive of these criteria.

CMC (Labour + Spares) and AMC (Labour only) rates beyond the above period need not be quoted by bidder but contact details of the organization should be provided so that the option can be executed by NEIGRIHMS, for availing AMC/ CMC services.”

21. **Bidders should provide list of consumables and standard spare parts separately in the Techno-commercial Bid along with details of source of supply.**

Executive Director (Proc. & PG-1)

FORMATS

BID FORM

To: (Name and address of Purchaser)
IFB Ref.HSCC/PUR/NEIGRIHMS/2008/A dt. 27.09.2008
SCHEDULE Ref.:

Having examined the Bidding Documents including if any Addenda Nos. issued _____ , the receipt of which is duly acknowledged, we, the undersigned, offer to supply and deliver..... (Description of Goods and Services) in conformity with said bidding documents.

We, undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified.

If our bid is accepted, we will submit performance security in a sum of equivalent to 5% of the Contract Price for the due performance of the contract.

We agree in consideration of Rs.100/- if demanded to abide by this bid for a period of 180 (one hundred eighty) days after the date fixed for bid opening and it shall remain binding upon 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 shall constitute a binding contract between us.

We enclose our Annual Maintenance Contract (AMC) for three years, which forms part of our bid.*

We confirm that stipulated Bid Security is enclosed herewith as a part of bid.

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

We accept all your terms and conditions stipulated in this tender document without deviations, both technical & techno-commercial.

Dated this..... Day of.....
200.....

* Applicable for Equipments only.

(Signature)

(In the capacity of)

Duly authorised to sign Bid for and on behalf of

Signed

MANUFACTURERS' SELF AUTHORIZATION FORM

No. _____ dated _____.

To

Dear Sir,

IFB NO. _____.

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. The scanned copy should be included by the Bidder in its bid.

MANUFACTURERS' AUTHORIZATION FORM

No. _____ dated _____.

To

Dear Sir,

IFB.No. _____.

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 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 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. The scanned copy should be included by the Bidder in its bid.

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

(Please read foot-note below)

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)	8
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.

This information to be filled in as per the following format by all the bidders for each equipment bid by them and duly signed and to be submitted along with the techno-commercial bid:

Schedule Ref. (1)	Tendered Technical Specifications (2)	Technical specifications of equipment offered (3)	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:

PRICE SCHEDULE

A) Price Schedule for Domestic Goods OR Goods of Foreign Origin Located Within India

1	2	3	4	5						6	
Schedule	Brief Description of Goods	Country of Origin	Qty. (No.)	Ex-factory/ Ex-Warehouse/ Ex-Showroom/ Off the Shelf	Excise Duty (if any) – In % or value	Sales Tax/ VAT/ CENTVAT (if any) – In % or value	Packing & Forwarding charges	Inland Transportation, Insurance, Loading/ unloading,, Incidental Costs till Consignee's Site	Incidental Services (including Insurance, Installation & Commissioning Supervision, Demonstration & Training) at Consignee's Site	Total Unit Price (Rs.) =a+b+c+d +e+f	Total Price (Rs.)
				5(a)	5(b)	5(c)	5(d)	5(e)	5(f)	5(g)	4x5(g)
	Alternative offer if any/option items of tendered specifications										

Total Tender Price in Rupees:

In words:

- Note: 1. If there is a discrepancy between unit price & total price, THE UNIT PRICE shall prevail.
2. The bidder will be fully responsible for the safe arrival of the goods at destination (consignee's site) in good condition.

Signature of the Bidder:

Name:

Business Address:

Seal of Bidder:

Date:

Place:

PRICE SCHEDULE

B) Price Schedule for Goods to Be Imported From Abroad

1	2	3	4	5									6
Schedule	Brief Description of Goods	Country of Origin	Qty. (No.)	FOB Price at Airport/ Airport of Loading	Indian agency commission (if any)	Freight & Insurance	CIF Price at Port/ Airport of Entry	Custom duty amount with CDEC & NMIC if applicable (to be reimbursed by Purchaser)	Custom Clearance & Handling **	Inland Transportation, Insurance, Loading/ unloading,, Incidental Costs till Consignee's Site **	Incidental Services (including Insurance, Installation & Commissioning Supervision, Demonstration & Training) at Consignee's Site **	Total Unit Price = b+c+d +e+f	Total Price
				(a1)	a(2)	a(3)	(b)=a1+ a2+a3	(c)	(d)	(e)	(f)	5(g)	4x5(g)
	Alternative offer if any/option items of tendered specifications												

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

Total Tender Price:

In words:

- Note: 1. If there is a discrepancy between unit price & total price, THE UNIT PRICE shall prevail.
 2. The bidder will be fully responsible for the safe arrival of the goods at destination (consignee's site) in good condition.
 3. In case of domestic goods to be supplied with main imported equipment, bidder to fill price schedule for domestic goods.

Indian Agency Commission:% of FOB (Included/Excluded in above)

Custom Duty with CDEC & NMIC if applicable:% of CIF value- Column 5 (C)

Signature of the Bidder:

Name:

Business Address:

Seal of Bidder:

Date:

Place:

PRICE SCHEDULE

C) Price Schedule for Annual Maintenance Contract after Warranty Period

1	2	3	4			5	6	7
Schedule No.	Brief Description of Goods	Qty. (no.)	Annual Maintenance Contract for Each Unit year-wise after Warranty Period			Total Annual Maintenance Contract cost for 3 years {3x(4a+4b+4c)}	Service tax on (5)	Grand total (5+6)
			1 st	2 nd	3 rd			
			a	b	c			

Note: 1. if there is a discrepancy between unit price & total price, THE UNIT PRICE shall prevail.

Signature of the Bidder:

Name:

Business Address:

Seal of Bidder:

Date:

Place:

CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorised representatives)

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
Against HSCC P.O. ref. dated.....

Total:

Date:
Place:

(Authorised Representative)/ Consignee

Description & Specifications

BID REFERENCE: IFB No. HSCC/PUR/NEIGRIHMS/2008/A Dated 27.09.2008

UR-1

LITHOTRIPSY MACHINE - (1 no.)	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
<i>Model & Make</i>				
Extra Corporeal Shock Wave Lithographer for .Kidney, Ureter and Bladder stones. The machine should incorporate:				
ESWL Machine				
<ul style="list-style-type: none"> Should be latest generation, state-of-the-art model, Electro Magnetic shock Wave Emitter Technology. (EMSE). 				
<ul style="list-style-type: none"> The shock head should have a wider focal length. 				
<ul style="list-style-type: none"> Shock wave head should have facility for variable energy level. Shock wave source should enable different treatment windows for urethral and renal stones. 				
<ul style="list-style-type: none"> Should have integrated, Isocratic fluoroscopy and ultrasound system with "In-Line"/ "Out-Line" Ultrasound probe. 				
<ul style="list-style-type: none"> Facility for ECG with monitoring /NIBP/Pulse 				

Oximetry.				
<ul style="list-style-type: none"> • Three way motorized treatment Table with extensions and basic accessories for patient positioning and comfort. 				
<ul style="list-style-type: none"> • Should allow anesthesia free treatment. 				
Shock Wave Source				
<ul style="list-style-type: none"> • Should be approved technology with penetration depth of 150-200 mm. 				
<ul style="list-style-type: none"> • Should have variable levels of energy in proportionate steps and optimal focal size capable of treating all sizes of stones. 				
<ul style="list-style-type: none"> • Fixed Frequency shock release between 60-120 shocks per minute with facility of ECG triggering which should be integrated in the lithotripter. 				
<ul style="list-style-type: none"> • Cushion height and pressure should be adjustable. 				
<ul style="list-style-type: none"> • Focal point pressure 400-500 W. 				
<ul style="list-style-type: none"> • Stock wave source coupling should be 				

<p>direct contact with the patient's body without any in-between interference excepting coupling jelly, so as to transfer shock wave energy effectively to the target directly.</p>				
<ul style="list-style-type: none"> Shock wave generator should at least generate one million shock waves for therapy failing which it should be replaced free of cost. 				
<u>LOCALIZATION SYSTEM</u>				
<ul style="list-style-type: none"> Should have integrated and motorized X-Ray C-Arm and integrated Ultrasound localizing and targeting system both isocentric to the shockwave source. 				
<ul style="list-style-type: none"> Simultaneous imaging with X-ray and Ultrasound system should be possible without decoupling the patient. 				
<u>INTEGRATED X-RAY</u>				
<ul style="list-style-type: none"> High frequency X-Ray generation 				

fixed anode, double focus X-Ray tube, 9" Image Intensifier TV Chain with CCD Camera Permitting pulse/continuous fluoroscopy.				
<ul style="list-style-type: none"> Incorporated boost snapshot facility & 12 bits digital memory /last image hold. 				
<ul style="list-style-type: none"> X-Ray C-Arm Should move isocentric to the shock wave source in both directions around the source. 				
<ul style="list-style-type: none"> Monitor 17" Monochromatic. 				
<ul style="list-style-type: none"> C-Arm should have motorized movements. 				
Integrated Ultra-sound system				
<ul style="list-style-type: none"> Real Time localization should be done through integrated ultra-sound isocentric to the shock wave source with inline/outline transducer for best image quality. 				
<ul style="list-style-type: none"> Should have 3.5/4.0 MHz transducer. 				
<ul style="list-style-type: none"> The ultrasound system should be lightweight and portable so that it can be used independent of the 				

machine if necessary.				
<ul style="list-style-type: none"> • Ultrasound resolution; Axial .1 mm; lateral 1.5mm 				
<ul style="list-style-type: none"> • Ultrasound should have at least 96 active elements. 				
<ul style="list-style-type: none"> • Scan converter should be 512 x 512 x 8 Bits. 				
Integrated ECG Monitor				
<ul style="list-style-type: none"> • Should have ECG machine for monitor for monitoring as well triggering of shock release. 				
Patient Table				
<ul style="list-style-type: none"> • 3 way motorized treatment table with extensions and basic accessories for patient positioning and comfort. 				
<ul style="list-style-type: none"> • Machine should be compact design .and should occupy minimum space (specify the minimum area required) 				
<ul style="list-style-type: none"> • Lithotripter should operate on normal 230 Volts/ 15 amps supply. 				
<ul style="list-style-type: none"> • Warranty- Should carries a warranty for five years (two years with spares 				

and another three years without spares) along with service & maintenance.				
<ul style="list-style-type: none"> • 95% uptime of the machine. Facility for good after sale & service with trained engineers posted in Delhi. 				
<ul style="list-style-type: none"> • Training of the doctors and staff for smooth functioning of the machine and patient treatment till satisfaction 				
<ul style="list-style-type: none"> • Buy back arrangement with the existing ESWL machine & arrangement for shifting of the old machine and installation in the existing ESWL room on turnkey basis : 				
<ul style="list-style-type: none"> • Should enclose original catalogue, literature, circuit diagram & operation manual of the model quoted. 				

UR-2

<u>URODYNAMIC SYSTEM – (1 no.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
1. The Urodynamic system should have a 6 channel microprocessor based compact system with a high resolution color monitor for the Urodynamic study for Neurovesical and erectile dysfunction				
2. The equipment should be modular design and should be able to carryout different tests like Uroflowmetry, Cystometry (CO2 & H2O), Electromyography (EMG), Urethral pressure profile (UPP), Pressure flow study (PFS), Video Urodynamics, Bladder/Valsalva leak point measurement				
3. The present program should be done on the screen according to selected tests				
4. There should be online monitoring of measurement up to six pressures with simultaneous				

measurement of three pressure studies like vesical, abdominal and urethral				
5. There should be a 17" monitor with speaker & microphone with a dedicated controlled keyboard, mouse, speakers for EMG				
6. Facility for fully automatic comprehensive patient feeling & report generation with editing/post processing mode				
7. The pressure transducers should be of long life Statham transducer so as to last for more than 8-10 years				
8. The Uroflowmetry should have rotating disc transducer or weight transducer so as to provide graphical representation of relation between detrusor pressure and uro- flow rate				
9. The equipment should have control panel to avoid water spillage inside the equipment				
10. Software for operating,				

analyzing & report generation with templates full text should be advanced window based				
11. Flowmetry : Range – 0-60ml/sec; Transducer – Rotating disc type/weight transducer				
12. Pressure Study : Range – 10-350cm of water; Transducer – Long life Statham type				
13. EMG : One channel with inbuilt speaker & voice annotation, low frequency				
14. Water Pump Unit : Infusion Rate – 2-10ml/min, Increment – 1ml/min				
–10-100ml/min, Increment – 5ml/min				
15. Console : Pentium III 1GHz with a hard disk drive (HDD) – 20Gb & RAM-256Mb, CD-writer 32X for recording on CDs preferably or				
16. Equipment should have Uro-Video system with facility to run it on normal VCR with super-imposed bladder images on graph tracing and PIP with graph tracing.				

VCR for recording on VH5 cassettes				
17. Patient Unit should include :				
Trolley –1, Pole – 1, 17” Monitor with speakers & microphone-1, Water Pump Unit with 30 infusion sets, EMG Module-1, Pressure Transducer Statham-3, Uroflowmetry transducer-2				
18. Accessories kits to be included :				
Dampening tube-24, Single lumen catheter-12, Two lumen catheter-12, Infusion set-12, Y-Piece-4, Three way stop cork-2, Disposable Domes-4, Rectal catheter-4, p-q Plot-1, Stress profile-1, Concentric needle electrode-10, Ground Electrode-4, Surface Electrode-12				
19. Software in Original: Windows’98, Office-2000.				
20. Facility to connect with hospital information system (HIS) and to transfer data through telephone line				
21. Micturition chair separate				
22. Urodynamic system should be up gradable in future with technical advances				

UR-3

<u>LOWER & UPPER URINARY TRACT SET – (1Set)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Telescope 4mm - 0°, 12°, 30°, 70°, 120° (Having light guide adaptor for Olympus, Wolf & Storz)				
Cystoscope Sheaths having sand blasted outer sheaths and lubrication free stopcock.				
Biopsy forceps semi flexible 7 Fr. Use with 30° Telescope				
Grasping Forceps semi flexible 7 Fr.				
Telescope Bridge with Single Channel				
Telescope Bridge with Double Channel				
Flexible Biopsy Forceps 7 Fr.				
Stone Basket 5.5 Fr. Length 700 mm.				
Button Electrode 5Fr. X 660mm				
Hook Electrode 5 Fr. X 660mm				
Resectoscope Complete				
Light Source Xenon/Halogen				
Light Guide Cable Fibreoptic 3.5mm				
Optical Uretherotome				
OTIS Uretherotome				

Punch for stone				
Filliform Bougies				
Urethral Dilators				
Penile Clamps				
PCNL Set				
Laparoscopic Surgery set				

TRAINING- 1

<u>HUMAN PATIENT SIMULATOR – (1 no.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Human Patient Simulator for Training & Education of Undergraduate, Postgraduate students & Health professionals in routine and special clinical situations.				
It should offer sophisticated mathematical models of human physiology and pharmacology and capable of determining automatically the patients response to user actions and interventions.				
Human Patient Simulation system should comprise the following				
A) <u>MANNEQUIN</u>				
It should be supplied with two mannequins				
Adult Mannequin should represent the physical characteristic of an adult male/female patient with interchangeable genitals.				
Pediatric mannequin to represent physical characteristic of pediatric patient.				
It should be full, operational in supine sitting lateral & prone position and can be placed on O.T. Table, ICU				

Beds on ground & in an Ambulance.				
It should react to intravenous drugs CPR defibrillation intubations ventilation catheterizations & other procedures.				
Should physical, demonstrate of various clinical signs i.e. head/breath sounds palpable _____ chest _____ airway patency etc. which should be dynamically coupled with the mathematical models of human physiology and pharmacology.				
B) <u>COMPUTERISED SYSTEM CONTROLLE</u>				
Simulation system should be supplied complete with PC console and a hand held laptop for instructor to control all aspects of simulator from Bedside of the Patient.				
C) <u>UTILITY SOFTWARE</u>				
Simulation system should be supplied complete with software for				
Modification of pre-configured scenarios & patient profiles or creating new scenarios & profiles.				
Recording of patient's physiology and intervention by student				

instructor or central software.				
Modification of pharmacokinetics & pharmacodynamic parameters of selected drugs.				

D) <u>PATIENT MONITOR</u>				
Should have facility to be connected to a real patient monitor for monitoring following parameters				
1. 5 Lead ECG				
2. NIBP				
3. IBP at least 2 cm				
4. SPO ₂				
5. Cardiac Output				
6. ST Segment & Arrhythmia Analysis				
7. ETCO ₂				
8. Anesthetic agents tenflurane, sevoflurane, desflurane, Halothane, isoflurane				
E) <u>ANAESTHESIA MACHINE</u>				
Should be supplied complete with flow meters for Air Oxygen Nitrous Oxide with low flow range and hypoxia guard				

Electronic anaesthesia ventilator for Paed. & Adult usage				
Breathing circuit 02 nos. each for adulate & paed. patient				
Vaporizer				
Circle absorber				
<u>HUMAN PATIENT SIMULATOR SHOULD HAVE FOLLOWING FEATURES</u>				
1. AIRWAY SYSTEM				
Mannequins should provide automatically realistic oropharynx naso- pharynx and larynx representing adult and paediatric patient.				
<ul style="list-style-type: none"> ○ should allow direct laryngoscope activator & airway occluder to create "cannot ventilate cannot intubate" crisis scenario. 				
<ul style="list-style-type: none"> ○ Should allow instructor to activate tongue swelling of varying degrees 				
<ul style="list-style-type: none"> ○ Should support the 				

use of LMA's Combitubes lighted styles and fiber optic intubations tubes.				
2. PULMONARY SYSTEM				
Should have facility for adjustment of breath rate & tidal volume by the instructor to maintain target CO ₂ pressure.				
Should be capable of simulating events such as atelectasis pneumothorax asthma COPD etc.				
The mannequin's lungs should physically consume O ₂ produce CO ₂ and uptake or excrete N ₂ O sevfluorane, isofluorane, enflurane and halothane.				
Should have independent control of left & right lung to model airway resistance lung compliance & chest wall compliance.				
The lungs should be realistically modeled with respect to the range of tidal volumes & functional residual capacity.				
Should have facility to superimpose modes of ventilation spontaneous assisted & mechanical one on another and respiratory system should be capable of triggering a ventilator.				
Ventilation should result				

in appropriate production of expired CO ₂ which registers correctly on external capnograph.				
Should give appropriate & dose dependent pulmonary response to intravenously injected drugs.				
Should have facility to continuously calculate patients' arterial blood gas & PH.				
3. CARDIO VASCULAR SYSTEM:				
Should simulate heart sound synchronized to QRS complex of ECG generate 5 lead ECG from appropriate positions on the patients' chest and should be able to simulate associated abnormalities such as myocardial ischemia, sinus tachycardia & bradycardia ventricular fibrillation & asystole.				
Should have palpable carotid radial, brachial femoral pedal pulses synchronous to ECG.				
Should have independent control of left & right radial brachial femoral pedal pulses.				
Should simulate hypovolemia & hypervolemia and right and/or left heart failure.				
Should be able to simulate patients blood pressure that can be				

measured with cuff of NIBP Monitor and provide monitoring of haemodynamic parameters.				
4. METABOLIC SYSTEM				
Should physiologically model Actual blood gases including pH, PCO ₂ , PO ₂ accurately corresponding to alveolar concentration of CO ₂ & O ₂ .				
Should allow instructor to adjust ABG pH level to simulate Metabolic Acidosis and alkalosis				
5. GENITO URINARY SYSTEM				
Mannequin should allow insertion of urinary catheters & offer instructor controlled or automatic scenario controlled excretion of urine and its flow rate.				
6. NEUROLOGIC SYSTEM				
Should model cardio vascular & respiratory responses to sympathetic & para sympathetic activities.				
should have electrode attachment for peripheral nerve stimulator.				

should automatically detect PNS stimulus pattern and generate appropriate thumb twitch response.				
7. ADVANCED CARDIAC LIFE SUPPORT SYSTEM				
Should display alveolar & arterial gas concentrations appropriately reflecting efficacy of ventilatory technique employed.				
Should display artificial circulation cardiac O/P Central & peripheral blood pressure palpable pulses & CO ₂ return as a result of effective chest compression.				
Should have facility to select & maintain desired cardiac Arrhythmia and central patient's response to clinical intervention.				
Should have facility to apply conventional & automatic external defibrillators to the patient and should trigger appropriate patient response.				
Should have prevision to apply transcutaneous pacemakers.				
Should support all drug required by ACLS algorithm.				

8. TRAUMA FEATURES:				

○ Should simulate constriction & dilation of pupils of each eye in response to changing light stimuli.				
○ Should have provision to perform needle decompression of Tension Pneumothorax & chest tube placement and management.				
○ Should have facility to perform subxyphoid needle peri-cardiocentesis to resolve acute cardiac tamponade.				
9. <u>PHARMACOLOGY & DRUG RECOGNITION SYSTEM</u>				
○ Should have preprogrammed pharmacokinetic and pharmacodynamic parameter for over 50 intravenous medications.				
○ Should incorporate various intravenous access points such as antecubital, right				

internal jugular and femoral veins in the mannequin.				
○ Should have facility to administer injection & intravenous infusions from main PC console of instructors hand held remote control.				
○ Mannequin should appropriately & automatically respond to incorrect medications.				
○ Should have drug recognition system to identify drug its concentration & quantity of dosage given.				
○ Should have facility to modify pharmacodynamic & pharmacokinetic models of existing drugs & to add new drugs.				

10 PATIENT PROFILES & SCENARIOS				
○ Should have at least 25 pre-configured profiles of patients of various ages, medical history gender &				

physiological parameter.				
○ Should have facility to change existing patient profiles and to create new patient profiles.				
○ It should be possible to capture the current state of patient at any part of simulation session & to use it as new patient.				
○ Simulator should have at least 60 pre-configured scenarios of events & crises.				
○ should have facility to overlay scenario one upon another to create combined situations & to create custom scenarios to meet specific teaching objectives.				

11. TRAUMA DISASTER CASUALTY KIT				
Should be supplied complete with Trauma Disaster Casualty Kit to create				

crises scenarios involving				
o arterial and various bleeding				
o blood-loss and secretions from mouth eye's, ear's and				
o real life reaction to exposure to chemicals				

RAD-1

<u>DIGITAL RADIOGRAPHY SYSTEM – (2 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Latest model state of the art digital universal radiography system with high-resolution flat panel (solid state) detector which converts x ray directly in to digital image matrix. It should have following features:				
1. Must have large detector size of at least 17 x 14 inch				
2. Must have high resolution > 200 micrometer resolution (3 lp/mm) and 5 million matrix or better				
3. Capability of head to toe radiography of patients without repositioning (coverage > 180cm)				
4. Detector must be portable / mobile				
5. Detector must be able to be used in portrait and landscape format				
6. Portable mobile detector must be able to use in wall bucky, bucky and out				

of bucky examination.				
7. Portable detector must be able to be placed beneath or beside patient				
8. Must be suitable for taking all radiographies for routine use including chest, extremities, emergency, trauma, pediatric etc and other applications				
9. Must be capable of networking including connectivity to PACS system, DICOM printers and must be DICOM 3 compatible				
10. Automatic transfer of patient data from HIS/RIS systems.				
11. Must include bucky wall stand				
12. Tube must be ceiling mounted with height adjustable table				
13. Electronic Tomography and Tracking must be possible				
14. Must have adjustable table				

height				
15. Must be able to take radiographies in two planes (180 degrees) apart by moving tube and detector system without having to move patient (for acutely injured patients)				
16. Must come with workstation for routine radiography work including post processing and image exports				
17. Must have CD Archival facility				
18. Dry technology Laser camera which supports multiple film sizes one of which must be 17 x 14 inch				
19. Must have ceiling suspension of X-ray tube for dual-purpose use i.e. for Table as well as Chest Radiography				
20. Must include all accessories (hardware and software) necessary for all radiographies				

RAD-2

<u>DIODE INTERVENTIONAL LASER – (1 no.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Specifications for a Diode Interventional laser for interventional radiology work. It should have the following Technical Specifications:				
1. Energy Source: High Power semiconductor Diode				
2. Power Output: 30 Watts, at least				
3. Multiple operation mode: Continuous and various pulsed modes with varying time delays				
4. Fibers must be capable of being delivered via 18 G Spinal/ Chiba needle				
5. Fibers must have appropriate radiopaque markers for guidance under X-ray and must also be visible on ultrasound. MR compatibility and trackability of the fiber and the device is desirable				
6. Must have aiming beam for visual tracking of the				

fibers for superficial procedures				
7. A wide range of optical laser fibers for diverse applications: bare end, cooled tip; different sizes				
8. Large and easy display				
9. Compact and portable				
10. Quick Set up and easy to use				
Other Essential Requirements				
1. Essential accessories: Compatible laser Safety glasses, 4 nos				
2. 25 Optical laser fibers to be provided along with the device. Type of fibers to be provided along with the device will be informed at the time of ordering purchase				
3. Cost of individual fiber will also be considered at the time of purchase keeping in view of running cost of the device				
4. Technical support and service. As per institute guidelines				
5. Adequate stock of fiber in the country and quick delivery				

RAD-3

<u>HEAVY DUTY AUTOMATIC FILM PROCESSOR – (5 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Specifications for the heavy duty automatic films processors for processing of all types of X-Ray and Imaging Films:				
1. Should accept film size from 10x10 cm to 35 x 43 cm. Specify the film sizes, which can be processed. It should be possible to feed 35 x 43 cm film widthwise				
2. Specify maximum number for films (size 35x43cm) that can be processed per hour, both in rapid cycle and standard cycle. It should be a minimum of 200 films per hour				
3. The processing time should be variable from 1.5 min. to 5 min. Specify the available steps of processing time				
4. It should have a developing tank				

<p>of minimum 10 liters capacity. Specify the capacity of developing tank and fixer tank</p>				
<p>5. The container assembly should be made of material, which is non-corrosive and of latest technology. Specify the material used.</p>				
<p>6. The main drive should stop automatically during idle time to prevent wear and tear and remain ready in standby</p>				
<p>7. Microprocessor controlled switches and thermostatic control should be there for maintenance of temperature of developer between 30° C and 35° C, Mention the range of processing temperature</p>				
<p>8. The replenishment containers should have capacity of at least 25 liters and the replenishment should be</p>				

<p>automatic. Specify the capacity of replenishment container. Mention weight of the unit with full tank.</p>				
<p>9. Wall mounting facility with film output through wall should be possible with the unit. All masonry work required for this purpose is to be done by the supplier</p>				
<p>10. The unit should be quoted with appropriate voltage stabilizer and all essential & optional accessories. Specify the power requirement</p>				

CAR-1

<u>ECHOCARDIOGRAPHY</u> <u>MACHINE – (2 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Essential specifications for the hardware. The unit should have:				
➤ The system should have more than 512 electronically independent channels				
➤ having gray shades 256 for sharp contrast resolution.				
➤ Should have 14" or More color monitor mounted on a tilt or swivel base.				
➤ It should cover all basic echocardiography and specialized vascular application.				
Modes				
➤ 2D, M-Mode. PW/CW Doppler, color Doppler				
➤ Multi dimensional beam former for generating finely textured 2D or B mode image				
➤ Gain control in two dimensions for additional level of flexibility to image quality control.				
➤ High definition acoustic zoom for enlarging sections of 2D and color flow images with more acoustic information for greater clarity and detail while				

maintaining an optimal frame rate.				
➤ Sector and Linear: Trapezoidal and convex probe capability.				
➤ Frequency compounding for better resolution and penetration				
➤ Harmonic Imaging: System should have flowing modes in harmonics scan head transducers.				
1. Tissue Harmonic				
2. Contrast Harmonic				
3. Harmonic Angio				
4. Quantification for Harmonic imaging-Acoustic densitometry.				
<u>Automated semi border detection</u> and colorization of myocardial movement for objecting quantitative assessment of cardiac function including LV volumes for real time beat to beat ejection fraction and other parameters.				
<u>M-Mode:</u>				
➤ It should be available with all imaging scan heads with selectable sweeping speed and simultaneous display with 2D.				
➤ Review m-mode for the retrospective analysis of M-				

Mode data with suitable memory.				
Doppler:				
➤ Steerable PW/CW Doppler for precise blood flow quantification high Doppler sensitivity and clear spectral presentation.				
1. Angle correction with automatic adjustment of velocity scale.				
2. Selectable sweep speeds				
3. Selectable grayscale curve for optimal display				
4. Doppler review for the retrospective analysis of the Doppler data				
5. Steerable Doppler in all probes (Both CW and PW)				
6. Dedicated CW Doppler processing and sensitivity for clean spectral resolution.				
Color Flow / Color Doppler .				
a) Frame rates in excess of 100 fps.				
b) Available in all imaging scan heads				
c) Increased lateral & n spatial resolution				
d) Trackball controlled color region of interest size and position.				
e) Maps filters color sensitivity live density color persistence gains should all be user selectable				
Cine Loop:				
a) High frame rate (356 or more) review for better clarity of play back, images study in slow motion.				
b) Memory — 256 frames or more in				

quad loop. M-Mode & Doppler scroll memory - 40 seconds or more.		
c) Frame grabber facility for post analysis		
d) Acoustic cine loop		
<u>Tissue Doppler Imaging (TDI)</u>		
a) System should have Tissue Doppler imaging (TDI)		
b) Tissue movement colorization (B-color) for improved contrast resolution.		
c) ECG trigger facility		
d) Various maps for pre and post processing		
e) Tissue pulse wave Doppler to study myocardial segment.		
<u>Fetal Echo:</u>		
The system should have facility of Fetal Echocardiography, Suitable probe should be quoted for the same.		
<u>Stress Echo:</u>		
Dedicated integrated dynamic stress echo package for flexible user defined protocols (which should be use in CAD - for R.W.M.A.). Various maps for pre and post processing.		
<u>Live 3 D:</u>		
a) Latest generation high end & technologically advanced Digital Live 3D Echocardiography system		
b) System should have live 3D echo with dedicated Live 3D transthoracic transducer and system architecture supporting Transthoracic Live 3D Echocardiography.		
c) System should have live 3D Echocardiography capability with Color Flow Imaging.		

TRANSDUCERS:		
(a) Probes - latest generation wide band transducer		
(b) There should be at least 3 active transducer- ports		
(c) Probe:		
Adult cardiac probe: Frequency range 1 - 4 MHz		
Pediatric cardiac probe: Frequency range 3 - 8 MHz		
Vascular probe: Frequency range 4 - 8 KHz		
None — imaging (W pencil probe): Frequency range 1 - 2 KHz		
(Minor flexibility in a probe frequency range is acceptable with the permission of Technical Committee)		
(d) Tran esophageal probe should be:		
1. Multiplane		
2. Capable of being used in the broadest range of patients.		
3. Frequency range 3-7 KHz		
4. Small tip size preferred (preferable tip size < 14.1 mm)		
Software:		
(a) Latest application software for adult pediatric fetal peripheral vascular & TCD applications (All applications package should be built into the system)		
(b) Interactive self test facility and Floppy / CD based system service program for software revision.		
(c) User defined system and application presets for multiuse department.		
Data Storage: Recording: Printing & Transfer		
(a) > 2.0 GB magnetic optical disc drive for image storage and retrieval		
(b) In hilt storage for digital acquisition, review		

and editing of complete patient studies (minimum storage capacity > 20 GB)		
(c) S-VHS VCR with calculations facility on playback.		
(d) A high- end PC linked work station with CD Writer / DVD writer, net working to main system.		
(e) Color laser printer with a speed of 8 copies per minute and dpi of 600		
(f) DICOM compatibility and bi-directional connectivity with Hospital Information System (HIS) via HL7,		
UPS: Online UPS of appropriate rating capable of providing at least 30 minutes back up with seed and maintenance battery.		
Upgradeability / Additional features: a) The system should preferably be field up gradable to next generation system on site for function such as cardiac live 3D. b) Any other extra feature of the machine should be mentioned.		

VAN-1

<u>BLOOD BANK VAN FOR CONDUCTING OUTDOOR BLOOD COLLECTION MOBILE – (1 no.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
1. A bus designed to travel to distant places for holding blood donation mobiles.				
2. It should comply with pollution norms as applicable at the time of delivery.				
3. It should be an air conditioned van. A/C should be for cooling passenger area as well as luggage area uniformly as blood units				

<p>collected at the camp will be stored in the luggage area during transportation . The air conditioning should continuously run for at least 6 hrs. Proper insulation of the vehicle should be provided to maintain the air conditioned temperature. The glasses in the windows should be tinted.</p>				
<p>4. There should be partition between driver's seat & main compartment.</p>				
<p>5. The body of the vehicle should be made of rust free metal (aluminum).</p>				
<p>6. It should be an 18 sweater</p>				

<p>bus. The last 5 seats to be removed & that area to be converted into luggage area. The rear luggage are a should be accessible from the rear lockable door with folding steps.</p>				
<p>7. Should get the vehicle registered & insured.</p>				

AMBUL 1

<u>BASIC LIFE SUPPORT AMBULANCE – (2 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
The fabrication is to be done on Swaraj Mazda chassis with company made body (WB-26 model) to be procured by NEIGRIHMS having two compartments one for driver, and the other for patient with communicating window.				
<u>Scope of work includes:</u>				
1. Whole interior:				
a. Air-conditioning of the vehicle with proper insulation to prevent heat radiation and minimizing noise from outside.				
b. Fixing of intercom system between drivers				

cabin and patient compartment				
2. For patient compartment:				
<p>a. Provision and fixing of equipment as per layout plan to be provided by us later which includes the oxygen manifold (three “D”/Large type cylinders) and it should be connected to vehicle battery or any additional battery back up, if</p>				

<p>necessary. The rates should be quoted accordingly.</p>				
<p>b. The manufacturing and fixing of a patient trolley base on the center of the patient compartment of the vehicle as per our design.</p>				
<p>c. Fixing of mechanically adjustable chairs/seating arrangements for doctors, staff and</p>				

<p>one patient attendant (total three) by the side of the patient trolley as per our design.</p>				
<p>d. The patient compartment should be well illuminated and two additional spotlights should be fitted inside the van with adjustable frames for positioning and focusing on the patient trolley.</p>				

<p>e. Flooring should be made of durable, easily cleanable material, like those used in passenger aircrafts. The rates of materials proposed to be used should be quoted separately.</p>				
<p>f. Fixing of wall mounted cabinets of different dimensions for storage of consumables, medicines, I.V. fluids.</p>				

<p>3. Final design has to be got approved before the fabrication work gets starts</p>				
<p>4. The selected firm will have to work in close consultation with the NEIGRIHMS authorities.</p>				

PED-1

<u>INFANT INCUBATORS – (6 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
1. The infant incubator should provide sufficient space for care of newborn with surgical procedure.				
2. It should have double walls of Perspex.				
3. It should have an air curtain.				
4. Servo controlled power unit should be present.				
5. It should have front admittance panel with pull out mattresses platform. Snap open access ports should be present on the walls.				

<p>6. Humidity chamber should be present.</p>				
<p>7. Micro filter should be present to prevent dust and other airborne particles from entering the unit.</p>				
<p>8. Oxygen flow should be controlled to prevent toxicity. Supply should be adjustable between 21-80%.</p>				
<p>9. Humidity should be manual and servo controlled. Should be maintained between 20-99%.</p>				
<p>10. Automatic</p>				

CO2 safety features should be present.				
11. Sin temperature should be maintained between 34-38°C.				
12. Incubator temperature settings should be between 25-38°C in increments of 1°C.				
13. Audible and visible alarms to indicate temperature abnormalities, humidity changes				
14. It should have necessary accessories and spares.				

PED-2

<u>MICRO-COMPUTER CONTROLLED RADIANT HEAT WARMER WITH PULSE OXIMETER</u> – (5 nos.)	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Mechanical specifications:				
Convenient working level with 6 mm thick high-grade collapsible side support accessible from all sides.				
Attached capsule shaped rotatable baby cradle accessible from all sides. Acrylic baby tray with head up/down facility and foam mattresses. Tiltatable warming				

source for ease during procedures and taking X-ray. Height of the source adjustable from the baby bed.				
Height of the cradle adjustable from the base Instrument trolley and I.V. pole facility.				
Unit should be mounted on 5' diameter heavy duty castors for easy mobility				

Technical specifications:		
Power source: 230 V AC \pm 10%, 50 Hz		
Light source: 60 watts bulb to examine babies		

<p>Heater capacity: two ceramic heaters arranged lengthwise with total wattage not less than 800 watts</p>		
<p>Power consumption: 850 watts at 100% heater power</p>		
<p>Skin and air temperature displayed on four LED display system with LCD message system</p>		
<p>Should have separate set temperature display for air and skin mode. Three modes of warming viz. skin, air and manual. Programmable Heater output and warming time in manual mode</p>		
<p>% Digital display of temperature in manual mode on LCD display. Flexible halogen examination light</p>		

Heaters should be ceramic, two in numbers arranged lengthwise for full cradle heating. Lockable keyboard system		
Easy read alarm messages on display Stopwatch		
Reminder timer Apgar timer Alarms:		
Skin + 1°C HI		
Skin - 1°C LO		
Air + 1.5°C HI		
Air - 3oC LO		
Skin >38°C Over		
Air >39 ⁰ C Over		
Skin/air sensor failure Probe		
Safety cut-off: Skin > 38 ⁰ C		
Air > 39 ⁰ C		
Power failure:Audio- visual		

<u>NEONATAL RESUSCITATION UNIT WITH CPAP, PULSE OXIMETER AND APNEA MONITOR (RESUSCITATOR) – (4 nos.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Mechanical specifications:				
Convenient working level with 6 mm thick, high-grade, collapsible side support accessible from all sides.				
Attached capsule shaped rotatable baby cradle accessible from all sides.				
Acrylic baby tray with head up/down facility and foam mattresses Tilttable.				
warming source for ease during procedures and taking X-ray Instrument tray and I.V. pole facility				
3 drawer storage facilities mounted on 5” diameter heavy duty castors flexible halogen examination lights				

Technical specifications:				
Power source: 230 V AC \pm 10%, 50 Hz				
Light source: 60 watts bulb to examine babies				
Heater capacity: two ceramic heaters arranged lengthwise with total wattage not less than 800 watts				
Power consumption: 850 watts at 100% heater power				
Skin and air temperature displayed on four LED display system with LCD message system.				
Four LED display system with LCD message system. Three modes of warming viz. skin, air and manual. Programmable heater output and warming time in manual mode				
% Digital display of temperature in manual mode on LCD display. Flexible halogen examination light				
Heaters should be ceramic, two in numbers arranged				

lengthwise for full cradle heating. Lockable keyboard system		
Easy read alarm messages on display Stopwatch		
Reminder timer Apgar timer Alarms:		
Skin + 1°C HI		
Skin - 1°C LO		
Air + 1.5°C HI		
Air - 3oC LO		
Skin >38°C Over		
Air >39 ⁰ C Over		
Skin/air sensor failure Probe		
Safety cut-off: Skin > 38 ⁰ C		
Air > 39 ⁰ C		
Power failure: - visual Audio		
Resuscitation facility:		
Oxygen administration:		
Oxygen flow control facility with flow meter (0-15 l/min)		

Oxygen pressure adjustment valve		
Humidifier bottle.		
Connecting hose for wall cylinder		
Silicon autoclavable resuscitation bag (250 ml) with 00 and 01 masks		
Slow suction:		
Electrically operated inbuilt slow suction		
Facility to adjust the pressure with regulator (0-110 mm Hg) Unbreakable, autoclavable suction bottle with silicon tubing.		
Laryngoscope: with penlight handle and 0, 1 Miller blades		
CPAP:		
Unit should be oxygen powered operated		
Should have peak inspiratory		

<p>pressure (PIP) control valve to adjust the maximum inspiratory pressure delivered to the baby</p>		
<p>Should also have positive end expiratory pressure (PEP) control valve to maintain minimum positive pressure at the end of expiration to keep the lungs inflated Overall control over system by setting maximum pressure relief to the system</p>		

ENDO-1

<u>ENDOSCOPY AND ERCp SUITE</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
➤ 0 degree upper GI scope – (1 no.)				
➤ Paediatric upper GI scope – (1 no.)				
➤ Paediatric upper GI biopsy forceps – (2 nos.)				
➤ Colonoscope – (1 no.)				
➤ UGI biopsy forceps, reusable – (6 nos.)				
➤ UPS back up system (min. 2 hrs.) – (1 no.)				
➤ Computer with CD Rom/DVD based data storage system compatible with Laser/Inkjet printer for images & reports-(1no. each)				

Clip Applicators for laparoscopic surgery – (1 no. each)			Technical details of equipment offered with respect to tender specifications	Technical details of equipment offered with respect to tender specifications
Endoscope reusable single clip applier, medium large size compatible with medium large titanium logchip, 300 ⁰ rotation, one jaw movable and other stationery lateral, transverse grooves for better clip on vessel security, matching serration distal tip closure anti glare shaft.				
Endoscope reusable single clip applied, medium size compatible with medium titanium ligaclip, 360 ⁰ rotation, one jaw movable and other stationery lateral, transverse grooves for better clip on vessel security, matching serration distal tip closure anti Glare shaft.				
Endoscope reusable single clip applier, large size compatible with large titanium ligaclip, 360 ⁰ rotation, one jaw movable and other stationery lateral, transverse grooves for better clip on vessel security, matching scrration distal tip closure anti glare shaft.				

Automated Endoscope Washing and Disinfecting Machine– (1 no.)			Technical details of equipment offered with respect to tender specifications	Technical details of equipment offered with respect to tender specifications
A totally automatic system machine.				
Should be able to clean and disinfect 2 to 3 Gastrointestinal Endoscopes at a time.				
Should have totally immersable system.				
Should have system of automatically cleaning the internal channels (biopsy channel and air water channels).				
Should have facility for enzymatic or detergent cleaning of endoscopes before using disinfecting solution.				
6. Should be compatible with gluteraldehyde as chemical disinfectant.				

ENDO-2

<u>RIGID</u> <u>SIGMOIDOSCOPE</u> <u>- 2 sets.</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
1) Adult Size. Parts: Outer Tube of 20 x 200 mm & obturator				
2) High quality rust free Stainless steel				
3) Fiber optic cold light source: 1no.				
300 watt Xenon bulb				
Bulb life 500 hrs minimum				
Automatic stand by bulb				
Fiber optic cable				
Universal jaw assembly to adopt cables of other makes				
4) Long crocodile biopsy forceps: 2 nos.				
5) Good quality air insufflation system: 1 no.				
6) High quality optical lens fitted on lid: 1 no.				

ENDO-3

<u>COMPLETE VIDEO ENDOSCOPE SYSTEM – (1 no.)</u>	Technical specifications of equipment offered	Compliance with respect to tender specifications	Deviations with respect to tender specifications	Remarks
Video Upper GI Endoscope:				
1.Length 1-1.2 meter				
2.Outer diameter : 8-11 mm				
3.Field of view: 110-140 degrees.				
4.Up/ down tip deflection: 180-210 deg/ 90-100 deg.				
5.Right/ left tip deflection : 90-100 degrees				
6.Channel diameter : 2.5 to 3 mm				
Standard accessories				