BID DOCUMENT

Procurement of Medical Equipment and Ambulance for the 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe, Myanmar

INTERNATIONAL COMPETITIVE BIDDING – E Bidding Basis

BID REFERENCE: IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2015 -16 dated 09.10.15

Ministry of External Affairs, Government of India

through

HSCC (I) LTD.
(A Govt. of India Enterprises)
Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) – 201 301.
Website http://www.hsccltd.com
Tel: 0120-2540153
Fax: 0120 - 2542447

CONTENTS OF THE BIDDING DOCUMENT

Annexure-A

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 standard onsite Comprehensive warranty having minimum period of 1 year.
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 bid 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 Item in a package 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 format given in the bid document. However the bidder has to give Manufacturer Authroisation of all the items mentioned in the package.
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	-	10% 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 supersede all other terms & conditions given by the bidder in their bid.

General Conditions of Contract (GCC)

10. Delivery and Installation	-	Delivery and installation of equipment/ goods shall be within 2 Months from the date of placement of order for (Package no. 1 -11 & 13-14) and 4 months for Package 12 as per Clause No.9 of GCC
11. Insurance	-	110% of Order Value as per Clause No.10 of GCC.
12. Payment Terms	-	70% & 30%, as per Clause No. 12 of GCC.
13. Liquidated Damages	-	1.0% per week upto 10% as per Clause No.15 of GCC.
14. Warranty	-	As per Clause 26 of GCC.

Minimum Qualification Criteria as per Clause 4 of SCC

15. Minimum Qualification Criteria	-	As per Clause 4 A (iv) of SCC. Bidders should have in the past 5 years (1st October 2010 – 30th September 2015), satisfactory executed for the package items offered, at least one single order of like nature of item and quantity not less than 25% of quantity of package item 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 for those Purchase Order only for which Copies are 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 the line item 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.

GOVERNMENT OF INDIA
MINISTRY OF EXTERNAL AFFAIRS

INVITATION FOR BIDS (IFB)

Dated 09.10.2015

IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2015 -16 dated 09.10.2015

Joint Secretary (DPA-III), Ministry of External Affairs Government of India on behalf of President of India through HSCC invites ON-LINE sealed bids from eligible bidders, in Single stage two bid system, for Supply, Installation, Testing & Commissioning of various Medical Equipment and Ambulance at (1) Yangon Children Hospital, Yangon (2) Sittwe General Hospital, Sittwe, as per the details mentioned in the bid document.

The bidders are required to be registered at HSCC e-tender portal www.tenderwizard.com/HSCC. Please log on to www.tenderwizard.com/HSCC only for downloading bid document and for participation through E-Tendering basis. For submission and other details, please refer HSCC e-tender portal www.tenderwizard.com/HSCC. For submission of the bids, the bidders are required to have Digital Signature Certificate (DSC) from one of the authorized Certifying Authorities. The bidders are required to submit (a) Original non-refundable fee of INR 3,500/- as bid document fee per set in the form of Cash/ Demand Draft, drawn on a scheduled Bank in India, in favour of "HSCC (India) Ltd" payable at New Delhi/Noida (b) Original Bid Security as per Bid Document and submit in the office of GM (Proc.), HSCC (India) Ltd., E-6A, Sector-1, Noida – 201301 before the date and time fixed for opening of the bid either by registered post or by hand failing which the bid will be declared nonresponsive

Complete set of Bid Documents has been made available from 09.10.15 to 16.11.15 at E-Tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.mea.gov.in or www.eprocure.gov.in. Prospective bidders are advised to regularly scan through HSCC E-Tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.mea.gov.in, www.eprocure.gov.in, as corrigendum/ amendments etc., if any, will be notified on this portal/websites only and no separate advertisement will be made for this.

Joint Secretary – (DPA-III)

Ministry of External Affairs, Government of India

INVITATION FOR BIDS (IFB)

Dated 09.10.2015

IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2015 -16 dated 09.10.2015

Joint Secretary (DPA-III), Ministry of External Affairs Government of India on behalf of President of India through HSCC invites ON-LINE sealed bids from eligible bidders, in Single stage two bid system, for Supply, Installation, Testing & Commissioning of various Medical Equipment and Ambulance at (1) Yangon Children Hospital, Yangon (2) Sittwe General Hospital, Sittwe having details as per following:

Package No.	Equipment	Qty	Bid Security in Rs.
1	Anaesthesia Machines	2	143900
	Multiple Parameter Patient Monitor	3	
	Defibrillator with recorder	1	
	Multiple Parameter Monitor (neonatal)	4	
2	Diathermy	4	32000
3	OT Table – General surgery	1	50600
	Patient Trolley for Operation Theatre	4	
	Labour Table	4	
4	Fiber Optic Gastroscope (Complete)	1	50000
5	Flexible Laryngoscope with camera	1	40000
6	Endoscopic Sinus Surgical set	1	42000
7	Portable X ray machine	1	269000
	C arm with IITV	1	
	500 ma X-ray machine with Fluoroscopy	1	
8	ABG Analyser	1	20000
9	Auto Analyser	1	40000
10	B Scan Ultrasound Unit	1	38000
11	BASIC BONE SET (All Imported)	set	180000
	Instruments and Implants for 7.0 mm Cannulated Screws 1Unit (All Imported)	set	
	HEMIREPLACEMENT SET-austine moore prosthesis WITH IMPLANTS	set	
	INTRAMEDULLARY NAILING SET WITH FLEXIBLE REAMERS(All Imported)	set	
	WIRE AND PIN CUTTER SET	set	
	GENERAL SPINE SURGERY INSTRUMENTS	set	
	Dermatone Set	1	
	K Wire	Set	

Package No.	Equipment	Qty	Bid Security in Rs.
	INTERLOCKING NAILS AND SCREWS: Femoral (Reccon style, universal),Tibital, Humerus solid and cannulated	Set	
	DYNAMIC COMPRESSION PLATES:	Set	
	DYNAMIC HIP SCREW INSTRUMENT SET (All Imported)	Set	
12	Ambulance (Transport)	2	188000
13	ENT Operation Microscope	1	50000
14	Open Care System	1	29000
	Transport Incubator	1	
	Neonatal resuscitation table	2	

The bidders are required to be registered at HSCC e-tender portal www.tenderwizard.com/HSCC. Please log on to www.tenderwizard.com/HSCC only for downloading bid document and for participation through **E-tendering basis.** For submission and other details please refer HSCC e-tender portal www.tenderwizard.com/HSCC. For submission of the bids, the bidders are required to have Digital Signature Certificate (DSC) from the authorized Certifying Authorities.

Complete set of Bid Documents has been made available at E-Tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.eprocure.gov.in & www.mea.gov.in for downloading from 09.10.15 to 16.11.15. Prospective bidders are advised to regularly scan through HSCC E-tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.eprocure.gov.in & www.mea.gov.in, as corrigendum/modification/amendments, if any, will be notified on these sites only and no separate advertisement will be made for this.

Details of the schedule and venue of various bid related activity are as per following:

S. No.	Description	Schedule details
1.	Bid Document Fee	INR 3500/-
2.	Bid document can be downloaded from	www.tenderwizard.com/HSCC, www.hsccltd.com, www.eprocure.gov.in & www.mea.gov.in from 09.10.2015 to 16.11.2015
3.	Pre-bid meeting date & time	20.10.2015 at 1430 hrs.
4.	Venue of pre-bid meeting	HSCC (I) Ltd., E-6(A), Sector -1, Noida
5.	Pre-bid meeting query response on the website	**www.tenderwizard.com/HSCC, www.hsccltd.com, www.mea.gov.in or www.eprocure.gov.in** only
6.	Last date & time for submission of bid	Package 1 - 14 :17.11.2015 by 1400 hrs.
7.	Techno-commercial opening of bids	Package 1 - 14 : 17.11.2015 from 1430 hrs.
8.	Venue of bid opening	HSCC (India) Ltd., E-6A, Block-E, Sector-1, NOIDA (U.P.) Ph No. 0120-2542436-40

2. Interested bidder may obtain further information about this requirement from this office inviting the tenders.

3. The prospective bidders who have not registered can register with HSCC E-procurement portal by paying necessary registration charges. The bidders may prepare a banker cheque/Draft in favour of HSCC (India) Ltd. Offfce at Noida, payable at Noida/Delhi and deposit it. In order to submit the bids electronically bidders are required to have type-II Digital Signature Certificate. Digital Signature can be obtained from any of the certifying agency.

The bid shall be submitted online for all the necessary documents and in physical form (with respect to few documents as mentioned in the ITB) in three parts/covers as mentioned below, (documents should be complete, duly signed and stamped):

(i) Bid Document Fee and EMD

(ii) Pre-qualification and Technical compliance as per following documents:

a) Manufacturer's authorization as per **Section V** in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).

b) Bid Form as per **Section V**.

d) Certificate of Incorporation/Declaration being a proprietary firm.

e) Annual report of last 3 completed financial years (Balance sheet and Profit & Loss Account duly audited and signed by auditor)

f) Name, address and details of account with respect to bidder and/or beneficiary of L/C.

h) Performance statement along with required PO copies and its corresponding end user's satisfactory installation certificate.

i) Affidavit as per **Section V**

j) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications with all related brochures in the bid enquiry.

K) Purchased /downloaded bid document duly authenticated failing which the submitted offer would be rejected.

(iii) Price Bid (Only online).

4. All prospective bidders may attend the Pre bid meeting. Pre-bid meeting shall be held at the address as mentioned above.

5. Complete set of Bid Documents has been made available at E-Tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.mea.gov.in or www.eprocure.gov in for downloading. The cost the Bid Document is **INR 3500/ which is payable in the form of Cash/Demand Draft** drawn on a scheduled bank in India in favour of **HSCC (India) Ltd**. payable at Delhi/Noida.. Bidder may download the bid documents from the website and submit its bid online after logging in to their user ID. The bidders are required to be registered at HSCC e-tender portal www.tenderwizard.com/HSCC. Please log on to www.tenderwizard.com/HSCC only for uploading its bid on-line for participation through **E-Tendering basis**. For submission and other details, please refer HSCC e-tender portal www.tenderwizard.com/HSCC.

7. Bidder shall ensure that their bid(s), complete in all respects, are submitted online and desired hard copies in original dropped in the Tender Box located at HSCC (India) Ltd., E-6A, Sector-1, Noida, U.P.-201301 on or before the closing date and time indicated above, failing which the bid will be treated as late and rejected.

8. Bidder to quote for all the items mentioned in the package failing which the bid would be rejected.

9. In the event of any of the above mentioned dates being declared as a holiday /closed day for the purchase organization, the physical form of bids will be received/opened on the next working day at the appointed time. Bidders are requested to regularly visit website www.tenderwizard.com/HSCC, www.hsccltd.com, www.mea.gov.in or www.eprocure.gov for corrigendum/amendments etc., if any, as these there no separate advertisement for them.

Joint Secretary – (DPA-III)

SECTION - I

INSTRUCTIONS TO BIDDERS (ITB)

This bid document should be read in conjunction with the Press Tender Notice/Invitation for Bid, **IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2015 -16 dated 09.10.2015,** 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 bid & contract terms are prescribed in this Bidding Document and includes (i) Annexure -A (ii) IFB , IFB (Details) (iii) Section I (ITB), (iv) Section II (GCC), (v) Section III (SCC), (vi) Section IV- Description & Specifications of Equipment, (vii) Section V - Formats for Bid Form and Price Schedule, Performance Statement Format, Contract Form, Manufacturer's Self Authorisation form & Manufacturer's Authorization forms, Technical Compliance, Bid Security Form, Performance Security Form, Affidavit (viii) Section VI - Consignee Receipt Certificate, Consignee Acceptance Certificate (ix) Section –VII - Schedule of Requirement (x) Section – VIII Check List and ECS Format.

1.2 The Bidders are expected to examine all instructions, terms & Conditions, specifications etc. of the Bid Document. Failure to furnish information required by Bid Document or submission of a Bid not in compliance to the Bid Document 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 Ministry of External Affairs, hereinafter referred to, as "The Purchaser" acting through M/s HSCC (I) Ltd., hereinafter referred to, as "Consultant" 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 mailing address indicated in the Invitation for Bids. The Purchaser will respond to any request for clarification of the Bidding Documents that it receives no later than fifteen (15 days) prior to the deadline for the submission of the bids . Purchaser response (including explanation of the query but without identifying the source of inquiry)

will be displayed on the HSCC website **www.tenderwizard.com/HSCC**, **www.hsccltd.co.in** or **www.mea.gov.in** or **www.eprocure.gov.in only**.

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 Document by amendment.

3.2 The amendment will be notified on the web-site **www.tenderwizard.com/HSCC, www.hsccltd.co.in** or **www.mea.gov.in** or **www.eprocure.gov.in** only.

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 bids shall be submitted online for all necessary documents and in physical form (only the documents mentioned below) as mentioned below:

(i) Bid Document Fee & EMD, (both online and Physical form)
(ii) Techno-commercial Bid (un-priced bid) (both online and Physical form)
(iii) **Price Bid (Only online)**

Bidders are requested not to submit the hard copy of Price Bid along with the physical form of tender. In case the hard copy of price bid is submitted in physical form, the tender shall be straightway rejected. Also, uploading of the price bid in prequalification bid or technical bid will result in rejection of the tender

a) Techno-commercial Bid (un-priced bid): This should interalia include the following:

i) **Purchased /downloaded bid document duly authenticated failing which the submitted offer would be rejected.**
ii) Bid Form
iii) Bid Security furnished in accordance with Clause 9 of ITB.
iv) Detailed technical specifications of **items** quoted, along with Catalogue / Literature fabrication drawings, make and model of the equipment offered with prices blanked (without indicating the prices).
v) Statement of deviations parameter-wise from Tendered Commercial conditions.

vi) Statement of deviations parameter-wise from tendered Technical specifications (Compliance Statement) if any.

vii) Authority Letter from manufacturer in case Bid is submitted by Indian Agents;

viii) Bidders to indicate Name and Address of their Bankers; and

ix) Audited balance sheets and Profit and loss statement for the last three completed years in original or a Photostat copy thereof.

x) Documentary evidence established in accordance with Clause 7 of ITB that the Bidder is qualified to perform the contract if its Bid is accepted and clause 4 of SCC the minimum qualification criteria.

xi) Performance statement along with the relevant copies or orders and the end user's satisfaction certificates/installation certificate.

xii) 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;

xiii) Proof of payment of Bid Document Fee as per clause 9[B].

xiv) Affidavit

xv) Documents as per the check list.

b) Price Bid: The information given at Sr. No. 5 (a) (iv) above should be reproduced but with prices indicated. The prices shall be all inclusive lump-sum prices as per description given at Clause No. 6 of ITB.

N.B.

1. All the pages of the bid document should be page numbered and indexed.
2. It is the responsibility of the bidder to go through the bid document to ensure furnishing all required document in addition to above, if any

6. BID PRICE:

6.1 (a) The Price bid for the **package** to commensurate with scope of supply indicated against the **items of the package** and should indicate all inclusive lump sum price offered for each equipment/store in a **package** including cost of the stores, freight, insurance, transit cum erection 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 delivery, installation and commissioning at the designated consignee place with all the men and material required for the same and including charges, for the standard comprehensive

warranty (min of one year in case it is less than one year) service with spares with downtime not more than 1 week,. The all inclusive lump sum price should be on **CIP destination i.e** 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe, Myanmar**,** 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, custom clearance and octroi exemption certificate will be issued/ arranged by MEA/ Government of Myanmar 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, basic custom duty, custom clearance charges 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" and giving its break up of as FOB (Free on Board), Insurance, **CIP** (Carriage and Insurance paid to, named placed of destination), local transportation and Insurance etc. and all other charges for services to be rendered as explained under offer for Indigenous goods. Customs handling & clearance, CDEC will be provided/ arrange by MEA/Government of Myanmar.

6.1 (c) The payments to both indigenous supplies as well as import supply shall not exceed the All Inclusive lump sum price.

6.2 The purchaser will evaluate Bids based on all inclusive lump sum prices quoted for each **package**.

6.3 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.

6.4 The bidder shall bear all taxes / duties/ incidental charges for the parts replaced or supplied during the Warranty period.

6.5 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. Manufacturers to quote themselves or through their Indian Agent duly authorised by them. In this regard, the Bidder should submit an Authority Letter from their manufacturers.

In case of a Item of package 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 format given in the bid document.

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**

8.1 The Bidder shall furnish, as part of its Bid, Security as indicated in Invitation for Bids (IFB) Table - A/ Press Tender Notice, in a separate single sealed envelope and shall be marked as given under clause 12.0 of this ITB.
The bidderss who are currently registered and, also, will continue to remain registered during the tender validity period with National Small Industries Corporation, New Delhi for the specific goods as per bid enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the bidder falls in these categories, it should furnish copy of its valid registration details (with NSIC, as the case may be)

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 "HSCC (I) Ltd., payable at New Delhi from a Nationalised/Scheduled bank. Bid Security can also be in the form of Bank Guarantee drawn in favour of HSCC (I)

Ltd., E-6(A), Sector -1, Noida. Bid Security shall remain valid for a period of 45 days beyond the bid validity period from date of initial bid opening. EMD/Bid Security Form Format has been enclosed.

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.3500/-. 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 packages by paying just once for the bid document fee of Rs.3500/-.

However, separate bid shall be submitted for each package.

Foreign eligible Bidder is allowed to submit bid document fee and Bid Security (as per ITB clause 9) in any freely convertible foreign currency of equivalent amount asked in the aforesaid bid document.

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 bidders shall submit their bid as per the instructions contained in ITB Clause 5.

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11.2 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 letter of authorisation shall be indicated by written power-of-attorney accompanying the Bid. All the pages of the Bid must be page numbered, 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:**

The bid shall be submitted online and in physical form (except price bid) in three parts/covers as mentioned below:

(i) Tender Fee and EMD (Both online and physical)
(ii) Pre-qualification and Technical compliance as per following documents (Both online and physical):
    a) Manufacturer's authorization in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).
    b) Bid Form as per section V.

c) Copy of PAN.
d) Certificate of Incorporation/Declaration being a proprietary firm.
e) Annual report of last 3 years (Balance sheet and Profit & Loss Account)
f) Name, address and details of account with respect to bidder and/or beneficiary of L/C.
g) Performance statement along with required PO copies and its corresponding end user's satisfactory performance/ installation certificate as per section V.
h) Affidavit as per Section V.
i) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications in the tender enquiry (Both online and physical)
j) Purchased /downloaded bid document duly authenticated failing which the submitted offer would be rejected.

(iii) Price Bid (Only online).

Bidders are requested not to submit the hard copy of Price Bid along with the physical form of bid. Uploading of the price bid in prequalification bid or technical bid will result in rejection of the tender.
Unless otherwise specified, the bidders are to submit its tender online and deposit the physical form of tenders in the tender box kept for this purpose at HSCC (India) Ltd., E-6A, Sector-1, Noida-201301, ((UP).

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 submitted as per the instruction given in ITB 5 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.

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

14. LATE BIDS & MODIFICATIONS/WITHDRAWAL OF BIDS

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

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

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

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

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

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

15.1 The Purchaser will open the Techno-commercial bid only, in the presence of Bidder's representatives who choose to attend, in the HSCC office, on the due date and time as mentioned in the IFB. The Bidder's representatives who are present shall, sign a register evidencing their attendance. The Bidders' representatives shall furnish letter of Authority as per bidding document format from their principals to attend the Bid opening.

15.2 The Bidders' names, the presence or absence of the requisite Bid Security and such other details in brief as the Purchaser, at its discretion, may consider appropriate will be announced at the bid opening.

15.3 Price Bid of bidders whose offers (Techno-commercial bid) are found technically and commercially suitable and comply with the Bid will only be opened on a date to be intimated later to these bidders.

15.4 Bids that are not opened and read out at bid opening shall not be considered further for evaluation irrespective of the circumstances. Withdrawn bids shall be returned unopened to the bidders.

15.5 Non-submission of Bid Security & Bid document fee by any bidder will render the bidder invalid and such bidder's bid will not be opened.

However the bidders who are currently registered and, also, will continue to remain registered during the tender validity period with National Small Industries Corporation, New Delhi for the specific goods as per bid enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the bidder falls in these categories, it should furnish copy of its valid registration details (with NSIC, as the case may be)

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 supersede 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.

The purchaser's evaluation of tender will also take into account the additional factors, if any, incorporated in SIT in the manner and to the extent indicated therein.

In exercise of powers conferred in section 11 of the Micro, Small and Medium Enterprises Development (MSMED) Act 2006, the Government has notified a new Public Procurement Policy for Micro & Small enterprises effective from 1st April 2012. The policy mandates that 20% of procurement of annual requirement of goods and services by all Central Ministries/Public Sector Undertakings will be from the micro and small enterprises. The Government has also earmarked a sub-target of 4% procurement of goods & services from MSEs owned by SC/ST entrepreneurs out of above said 20% quantity.

In accordance with the above said notification, the participating Micro and Small Enterprises (MSEs) in a tender, quoting price within the band of L 1+15% would also be allowed to supply a portion of the requirement by bringing down their price to the L1 price, in a situation where L1 price is from someone other than on MSE. Such MSEs would be allowed to supply up to 20% of the total tendered value. In case there are more than one such eligible MSE, the 20% supply will be shared equally. Out of 20% of the quantity earmarked for supply from MSEs, 4% quantity is earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the tender process or meet the tender requirements and the L1 price, the 4% quantity earmarked for MSEs owned by SC/ST entrepreneurs will be met from other participating MSEs.

The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir board or national Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being on MSE, failing which their tender will be liable to be ignored.

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 (rounded to the next whole number).

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/speed post/courier/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 10 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 10% of the contract price in the form of a Demand Draft/ Bank Guarantee 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, and in such event the Purchaser may go for re-tendering.

25. **LOCAL CONDITIONS:**

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

Joint Secretary – (DPA-III)

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., Ministry of External Affairs , Government of India, South Block, New Delhi acting through their Consultants HSCC (I) Ltd.

(f) “Consultant” shall mean M/S. HSCC (INDIA) LTD, having its Corporate Office at E-6(A), Sector-1, Noida (U.P.)-201301 and registered at 205, East End Plaza, Plot No.-4, D.D.A.- L.S.C., Center-II, Vasundhra Enclave, Delhi- 110 096

(g) "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. 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe, Myanmar

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 waited 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 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC clause 26.

7.6 Principal/ foreign supplier shall also have the equipment inspected by recognized/reputed agency like SGS, Lioyd or equivalent (acceptable to the Purchaser) prior to dispatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

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 Not withstanding 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 and INSTALLATION:

9.1 Delivery and Installation of the Goods upto the site shall be made by the Supplier as per following from the date of placement of order or from the date of establishment of Letter of credit in favour of principals in case of imported origin Goods unless specified in IFB :

S. No.	Package No	Time Period
1	1 to 11& 13 to 14	2 months
2	12	4 months

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. The name of consignee are : 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe.

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 and installation at site. Insurance policy shall be valid upto date of Installation and commissioning of equipment. 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(designated consignee place)} on "all risks" basis

including war, risks, strikes, erection, storage etc. In any event the Goods are at the suppliers risk until delivery, Installation & Commissioning at designated consignee place. The claimant of the insurance shall be HSCC (I) Ltd., Noida.

11. **TRANSPORTATION:**

To be arranged by the supplier up to consignee duly insured as per clause 10.

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 authorized personnel of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe./MEA authorities shall accompany for release of balance payment.

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

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

i) **70% of the invoice value** will be made within 30 days as per provisions in Clause GCC 15 on receipt of following necessary documents:

1). Country of Origin Certificate.
2). Quality & Quantity Certificate.
3). Packing List.
4). Internal Factory Inspection Report.
5). Warranty Certificate.
6). Copy of Airway Bill/Bill of Lading (in case of imported goods).
7). Copy of Bill of Entry (in case of imported goods).
8). Insurance certificate valid up to installation & commissioning of equipment at site
9). Inspection certificate for the dispatched equipments issued by recognized/reputed agency like SGS, Lloyd or equivalent (acceptable to the Purchaser) prior to dispatch.
10). Invoice.
11). Dispatch Clearance Certificate of MEA/HSCC.
12). Transportation Invoice.

ii) **Balance 30% payment** subjected to clause 6.1 of ITB will be released within 30 days, upon receipt of consignee receipt certificate and Consignee Acceptance Certificate (as per the format attached with the bid) from Medical Superintendent of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe. Invoice as per provisions in Clause GCC 15.

All such Invoices/Certificates/Reports as mentioned above shall be addressed as: **Ministry of External Affairs, Government of India, South Block, New Delhi through HSCC (I) Ltd., Noida**

12.3 **FOR IMPORT ORIGIN GOODS:**

Payment will be made by opening of Irrevocable Letter of Credit (LC) in favour of the Foreign manufacturer, covering 100% of the Net FOB value of the equipment with the condition of remittance of **70% of net FOB value + Freight & Insurance charges** through LC on shipment and on submission of the following necessary documents from foreign manufacturer:

1) Country of Origin Certificate
2) Quality & Quantity Certificate
3) Packing List
4) Internal Factory Inspection Report
5) Warranty Certificate
6) Airway Bill/Bill of Lading
7) Insurance certificate valid up to installation & commissioning of equipment at site
9) Inspection certificate for the dispatched equipments issued by recognized/reputed agency like SGS, Lloyd or equivalent (acceptable to the Purchaser) prior to dispatch
10) Invoice of LC amount
11) Dispatch Clearance Certificate of MEA/HSCC

Balance 30% payment subjected to clause 6.1 of ITB will be released within 30 days, upon receipt of consignee receipt certificate and Consignee Acceptance Certificate (as per the format attached with the bid) from Medical Superintendent of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe. Invoice as per provisions in Clause GCC 15

For equipment quoted in foreign currency, payment shall be made through LC at an exchange rate prevailing on the date of negotiation of LC. The LC will be opened by the HSCC (I) Ltd. through its accredited bank.

Indian Agency Commission along with other charges (wherever applicable) towards turnkey activities, local transportation, Installation etc. shall be released within 30 days upon after receipt of following necessary documents:

1). Satisfactory Installation & Commissioning Certificate and Consignee Receipt Certificate from Medical Superintendent of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe/MEA
2). Transportation Invoice
3). Bill of Entry

4). Invoice
5). Warranty Certificate
All such Invoices/Certificates/Reports as mentioned above shall be addressed as:
Ministry of External Affairs, Government of India, South Block, New Delhi through HSCC (I) Ltd., Noida
Indian Agency Commission shall be paid considering the exchange rate prevailing on the date of placement of Order/Notification of Award.

12.4 The stores (both Indian & Import origin goods) should be dispatched only after the equipment inspected by recognized/reputed agency like SGS, Lloyd or equivalent (acceptable to the Purchaser) prior to dispatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

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

1. Country of Origin Certificate
2. Quality & Quantity Certificate
3. Packing List
4. Internal Factory Inspection Report
5. Warranty Certificate
6. Inspection certificate for the dispatched equipments issued by recognized/reputed agency like SGS, Lloyd or equivalent (acceptable to the Purchaser) prior to dispatch.

All such Certificates/Reports as mentioned above shall be addressed as:
Ministry of External Affairs, Government of India, South Block, New Delhi through HSCC (I) Ltd., Noida

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

No goods (both Indians & Import origin goods) shall be dispatched before issue of Dispatch Clearance Certificate by MEA/HSCC.

12.5 Payment for turnkey activities, local supplies, local transportation, Installation etc. (wherever applicable) shall be released as per Clause GCC 12.3

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 and installation commissioning & training of the Goods shall be deemed to be the essence of the Contract.

14.2 Delivery, installation and commissioning & training 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, installation& commissioning Training obligations and performance of Services 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 impending 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, install and commission & training any or all of the Goods or perform the Services within the time period(s) specified in the Contract and during the warranty period_ 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 1.0% 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.

(i) 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
(ii) If the Supplier fails to perform any other obligation(s) under the Contract.
(iii) If the supplier, in the judgment of the Purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract

For the purpose of this clause

"Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.

"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non- competitive levels and to deprived the Borrower of the benefits of free and open completion.

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 conditions 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 reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

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

18. **TERMINATION FOR INSOLVENCY:**

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

19. **TERMINATION FOR CONVENIENCE:**

19.1 The Purchaser may, by written notice sent to the Supplier, terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the contract is terminated and the date upon which such termination becomes effective.

19.2 The goods that are complete and ready for shipment within 20 days after the Supplier's receipt of notice of termination shall be purchased by the Purchaser at the Contract terms and prices. For remaining Goods the Purchaser may elect:

(a) To have any portion completed and delivered at the Contract terms and prices; and/or

(b) To cancel the reminder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

20. **RESOLUTION OF DISPUTE**

20.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

20.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute either party may require that the dispute be referred for resolution to the Indian Arbitration by Indian Council of Arbitration in accordance with the Arbitration & Reconciliation Act 1996 with latest amendments if any.

20.3 Venue of Arbitration shall be at **New Delhi**.

20.4 The language of the Arbitral proceedings shall be English.

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 bidders 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 otherwise 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 minimum 12 months after the Goods have been satisfactorily installed & commissioned as duly certified by the appropriate authority, whichever is earlier. The comprehensive Warranty shall include free services and free provision of spares. It shall be the responsibility of supplier (or their principal) to ensure all consumables/reagents/necessary spares are available continuously without interruption.

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. The supplier shall ensure a minimum uptime guarantee of 95% for the equipment.

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.

26.8 Nothing in this clause 26 shall affect the Purchaser's other rights under the Contract or in Law.

27 <u>INSPECTION & TEST PROCEDURES:</u>

(i) The Stores will be inspected at MEA/HSCC's sole discretion before packing at the manufacturer's premises and on receipt at site by MEA/HSCC nominated representatives. The decision of MEA/HSCC (I) Ltd. in the matter of acceptability of the stores will be final and binding. In case MEA/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:

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

For high end equipment like CT Scan and MRI training and hand holding should be provided for radiologists and technicians for a period of 3 months onsite at the expense of supplier and the supplier has to depute its technical person onsite for three months for the above purpose.

30 MANUALS:

The Supplier has to provide **three sets (two in hard copy and one in CD)** 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 70% 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 New Delhi only.

<u>Special Note:</u> (Forming part of SCC).

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

Joint Secretary – (DPA-III)

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 and installation & commissioning 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 – designated consignee place) on "all risks" basis including war, risks, strikes, erection, storage etc. In any event the Goods are at the Supplier's risk until delivery and installation & commissioning at site.

3. For Import origin goods quoted, the Supplier or the Indian agent shall have to arrange at his own cost for all import/custom clearance handling formalities. Purchaser 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 Equipment):

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 for (a) an imported origin equipment duly authorized by the foreign principal quoting through the Indian agent (b) Sole selling Agent duly authored by the Manufacturer for Indian origin equipment.

iii) Indigenous Manufacturers to quote themselves or through their Sole selling Agent duly authored by them.

In case of item of a package 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 bid format.

iv) Bidders should have in any of the the past 5 years (1st October 2010 – 30th September 2015), satisfactory executed for the **Package** offered, at least one single order of like nature of item and **quantity not less than 25%** of quantity of **Items in the package** offered by bidder. The bidders shall furnish "End User

Certificates" indicating contract details i.e. name of person, phone/fax/mobile nos. etc.

v) Foreign bidder's performance report shall include same Indian agent by which this current bid is quoted.

vi) Delete.

B. Other eligibility requirements:

i) Bidder should have a present installed capacity/sales capacity to match the delivery requirements.

ii) The Bidder should submit <u>audited balance sheet and Profit & Loss Account along with auditor's report for the last 3 years</u> duly signed and stamped by the Chartered Accountant with their member number to enable the purchaser to assess the financial capability of the bidder or positive net worth of the bidder.

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

iii) Clause 13 shall apply for the relevant items.

iv) Bidder should not stand deregistered/banned/blacklisted by any government authorities and an undertaking for the same shall be submitted by the bidder on non judicial stamp paper duly notorized.

Note: The purchaser reserves the right to ask for a free demonstration of the quoted equipment at a predetermined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the price bid.

5. Five years (1st October 2010 – 30th September 2015)Performance Statement: Bidders should give performance statement of orders for similar Package items satisfactorily executed to sizeable value both in quantity & cost in comparison to Package items offered in the price bid.

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

8. Deleted

9. Miscellaneous:

a) While quoting for the **package**, all components and quantities specified in the **package** must be quoted. The purchaser will evaluate bid on Package wise basis. **The bid shall stand rejected if all the components and quantities specified in the pacakge are not quoted.**

b) Evaluation will be made on the basis of total all inclusive lump sum price value offered for the each package.

c) The break up of "all inclusive lump sum price" of the **package items**; 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) 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.

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 **package** 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 MEA/HSCC'S own qualitative internal assessment in consultation with client/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. Bidders must take into consideration in its bid, costs to be incurred for any additional work pertaining to civil, Electrical, Plumbing, sanitary, Radiation protection as per Govt. regulation, furniture, servo stabilisers, U.P.S. etc. required for successful installation testing and commissioning of the system and the "All inclusive lump sum price" should include all such costs, each **package** is to be considered a package in itself and suppliers to execute the order package on a "turn key basis" including all civil, electrical, air – conditioning & allied requirement for the equipment, at the site.

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 broad 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. The bidderss who are currently registered and, also, will continue to remain registered during the tender validity period with National Small Industries Corporation, New Delhi for the specific goods as per bid enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the bidder falls in these categories, it should furnish copy of its valid registration details (with NSIC, as the case may be)

18. The supplier/manufacturer shall be responsible for organising timely delivery of the equipment to the destination including installation and commissioning of the same at the designated consignee site. Necessary insurance strictly as per the instruction given in the relevant clause (GCC 10) of this bid shall also be arranged by the supplier/manufacturer covering all these activities including transit cum erection insurance from destination to destination (designated consignee site).

19. 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 bid document/ with Equipment Specifications.

Warranty for Equipment:

"Supplier/ Manufacturer should provide minimum 1 year standard warranty (if the warranty is less than 12 months) full onsite comprehensive warranty with spares from

the date of installation. Warranty will start only from the date of final acceptance of the machine at the department and price quoted inclusive of these criteria.

The HSCC/MEA shall enter into agreement with the principal manufacturer and the agent for warranty as per enclosed format. The principal Manufacturer and the agent shall adhere to it.

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

Joint Secretary – (DPA-III)

SECTION - IV

Description & Specifications of Equipment

Technical Specification
Package 1 ANAESTHESIA MACHINE

1. Should have provision for delivery of oxygen and nitrous oxide with Pressure gauges.
2. Should have independent attachments for connecting central gas supply and pin indexed cylinders.
4. Should have analogue display of cylinder and pipeline gas pressures.
5. Should have provision to attach two cylinder for Oxygen and one for Nitrous Oxide.
6. Oxygen and Nitrous oxide should be linked to ensure a minimum of 25% oxygen delivery at all times to avoid delivery of hypoxic mixture. Lever based anti hypoxic device is not acceptable.
7. Should have depiction of O2, NO2. Twin Cascaded Flowmeters with mechanical hypoxic Guard and should preferably have minimum mandatory flow of 250 ml/min of Oxygen.
8. Should have back bar with ISO pin type to attach vaporisers easily.
9. Should have top shelf and a table top to keep drugs and equipments.
10. Machine should have ventilator with battery backup.
11. Castor wheels should be durable and moisture resistant as well as antistatic.
12. Unlockable oxygen flush to deliver oxygen flow of approximately 40-70 l/min.
13. Should have drawers with easy maneuverability.
14. Compliant with ultra-low flow anesthesia.
15. Colour coded cylinder and pipeline pressure gauges
16. Machine should have US FDA / European CE Certified.

B. Standard Circle Absorber System

1. Should have adjustable pressure limiting valve & breathing circuit pressure measuring device.
2. Should have bag / vent selecting valve integrated onto the absorber and should automatically turn
   on the ventilator when positioned to vent mode.
3. Should be suitable to use ultra low flow techniques.
4. Should have facility to attach oxygen sensor.
5. Should have fully autoclaveable CO2 absorbent canisters and bellows.

C .Vaporiser

1. Temperature, pressure and flow compensated.
2. Should provide keyed filler based Halothane, Isoflurane, & Sevoflurane vaporisers.
3. Should be easy to mount and dismount form the back bar.
4. Should have ISO pin type (Selectatec) back bar mount.
5. Vaporiser should be maintenance free for ten years.

D. Ventilator

1. Integrated Ventilator
2 Volume Controlled Ventilation
3. Integrated Compact breathing system
4. Latex-free and autoclavable bellows
5. Compact autoclavable sodalime canister
6. LED Display
7. Audio Visual alarms
8. Pressure, Volume Monitoring
9. Airway Pressure Gauge
10. Monitor shelf
11. Quick changeover from mechanical to manual Ventilation

12. Compatible with open and semi-closed circuits
13. Should have tidal volume range from 20 ml to 1500 ml.
14. Should be able to set TV, RR and I:E ratio.
15. Ventilator should provide all user alarms.
16. Ventilator should provide Fresh gas compensation and Compliance compensation.
17. Should be supplied with necessary reusable and disposable breathing circuits.

Package 1 BED SIDE MULTIFUNCTION MONITORS

1 Description of Function

1.1 Bedside monitors are used to monitor the Vital parameters of patients continuously at patient's side in wards and ICU,CCU and other intensive care units.

2. Operational Requirements

2.1 Monitors should be preconfigured, easy to use, portable, wall mounted and operation by single knob control weight should not be more than 5-6 kg

3. Technical Specifications

3.1 1. It should have following parameters. :

(a) Monitoring of 5 leads ECG : (I, II, III, AVR, AVL, AVF and chest lead) and pulse detection, display of heart rate with low and high heart rate alarm (adjustable between 30-250 bpM, audio-visual alarms).

(b) Pulse Oximetry (SPO2) / pleth and should also to show plethy morgraphic pulse wave form, adjustable audio-visual alarm.

(c) Respiration and apnoea : Monitor, rate between 5-100/mt with low and high limit alarms, respiratory graphic and numerical display and audio-visual alarms.

(d) Non-invasive blood pressure monitoring : which may be used in very premature baby to adults.

(e) Temperature monitoring facility can be used to measure temperature from 30C-42C by skin as well as per-rectally.

(f) SPO2 probes – Ear lobule probe, finger probe flexible wrap probe for neonates and one universal Y probe.

(g) NIBP cuff of at least 4 sizes disposable for measuring baby from 1 kg to 12 kg (2 cm, 2.5 cm, 3.5 cm, 4.5 cm) and two size non-disposable for grown up of children for measuring BP for children between 2-14 yrs.

(h) NIBP measurement must be on a proven Oscillometric reading on deflation of cuffs NIBP should be possible manually or automatic mode through time set intervals ranging from 1-120 minutes.

2. Printer and voltage stabilizer and conversion of voltage (transformer) should be integrated / built in part of the multifunction monitor. Built in battery should work at least for 2 hours without charging. Automatic recharge) Automatic switch from main to batteries in case of power failure. Defibrillator sync & protection.Pacemaker deletion / rejection.

3 Monitors should have at least 10 inch or more high resolution active matrix medical grade LCD/LED/TFT color display screen having resolution of 640 x 480 or better with at least 4 traces and numeric valves display facilities simultaneously. Ability to change color of traceby user..

4. 24 hours tabular trends should be available for all monitors parameters.
5. Display of alpha numeric messages must be available.
6. At least 3 channel thermal recorder.
7. Should be capable of measuring oxygen saturation even in case of motion artifacts.
8. Should have cuff measurement ending chine.

4 System Configuration Accessories, spares and consumables

4.1 Options for upgrading to mainstream CO2 and two invasive BP monitoring facility for future should be quoted and this will be added for evaluation purposes only.

4.2 Should be supplied with the following accessories:

1.Patient cable(5 Lead) -02

2. Adult and Paediatric Cuff -02 each

3.Neonatal Cuff-02

4.Adult and Paediatric Probe SPO2 -02 each

5.Finger wrap probe SPO2-02

6.Ear Probe SPO2-02

7.Skin Temp Probe -02

8.ECG Electrodes-1000(Disposable)

9.ECG Jelly Bottle-(200 ml each)- 10 bottles

5 Environmental factors

5.1 Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.or should comply with 89/366/EEC; EMC-directive.

5.2 The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

5.3 The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%

6 Power Supply

6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug

6.2 UPS of suitable rating shall be supplied for minimum 1 hour backup for the entire system

7 Standards, Safety and Training

7.1 US- FDA or European CE approved product

7.2 Manufacturer should have ISO certification for quality standards.

7.3 Shall meet the safety requirements as per IEC 60601-2-27:1994—Medical electrical equipment—Part 2: Particular requirements for the safety of electrocardiographic monitoring equipment.

7.4 Comprehensive as per bid.

7.5 Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

8 Documentation

8.1 User/Technical/Maintenance manuals to be supplied in English.

8.2 Certificate of calibration and inspection.

8.3 List of important spare parts and accessories with their part number and costing

8.4 Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Package -1 DEFIBRILLATOR WITH Monitor

1 Description of Function			
1.1	Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.		
2 Operational Requirements			
2.1	Defibrillator should be Bi- Phasic, light weight (< 8kg) and latest model		
2.2	Should monitor vital parameters (ECG, NIBP, HR, SPO2 and EtCO2[optional] and display them		
2.3	Should print the ECG on thermal recorders.		
2.4	Should work on Manual and Automated external defibrillation (AED) mode. Manual selection maximum up to 200 J.		
2.5	Should be capable of doing synchronised & asynchronised cardioversion		
2.6	Can be operated from mains as well as battery		
2.7	Should have defibrillator testing facility		
2.8	Demonstration of the equipment is essential.		
3 Technical Specifications			
3.1	Should be a Low Energy Biphasic defibrillator monitor with Recorder, within a maximum energy of 200 Joules		
3.2	Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles. Should have Automatic or Manual Lead switching to see patient ECG through paddles or leads		
3.3	Should measure and compensate for chest impedance for a range of 25 to 1500hms		
3.4	Should have a built in 50mm strip printer/ thermal recorder		
3.5	Should have charging time of less than 5 seconds for maximum energy. Charging indicator should be there.		
3.6	Should have Display- TFT coloured LCD at least 8” diagonal for viewing messages and ECG waveform of 5 seconds		
3.7	Should have external paddles with paddles contact indicator – for good paddle contact. Both Adult and paediatric paddles should be available.		

3.8	Should have event summary facility for recording and printing at least 250 events and 50 waveforms.		
3.9	Machine should be compact, portable with built in rechargeable battery with weight of total machine not more than 6.5 Kg, have a battery capable of usage for at least 120 minutes and/or 30 discharges.		
3.10	Should be capable of printing Reports on Event summary, configuration, self test, battery capacity etc		
3.11	Should have facility for self test/check before usage and set up function		
3.12	Should have SP02 and NIBP integrated facility with EtCO2		
3.13	Should be capable of delivering energy in biphasic technology having energy selection of 1-200 joules		
3.14	Should have user friendly 1,2,3 color coded operation.		

4 System Configuration Accessories, spares and consumables

4.1	Defibrillator -01		
4.2	Paddles Adult (pair) -01		
4.3	Paddles –Paediatrics(pair) -01		
4.4	Patient cable -02		
4.5	ECG Rolls -50		
4.6	Disposable pads-10 nos.		
4.7	NIBP Cuff Adult - 02 NIBP Cuff Paediatrics- 02 NIBP Cuff Infants- 02		
4.8	SPO2 Finger Probe-Adult -02 SPO2 Ear Probe - -02		
4.9	Complete set of ECG Leads- 02		

5 Environmental factors

5.1	The unit shall be capable of operating continuously in ambient temperature of 0 – 50 °C and relative humidity of 15-90%		
5.2	The unit shall be capable of being stored continuously in ambient temperature of -20 – 60 °C and relative humidity of 15-90%		
5.3	Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.		

6 Power Supply

6.1	Power input to be 220-240VAC, 50Hz		
6.2	Resettable overcurrent breaker shall be fitted for protection		

7 Standards, Safety and Training

7.1	Should be US FDA or European CE approved product		
7.2	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms . (OR EQUIVALENT BIS Standard)		
7.3	Drop Test-Withstands 1 meter drop to any edge, corner or surface.		
7.4	Should conform to international test protocols on exposure to shock forces and to vibration forces. The standard should be documented.		
7.5	Should meet IEC 529 Level-2 (IP2X) for enclosure protection solid foreign object ingress.		
7.6	Should meet IEC 529 Level 3 (IP3X)(spraying water) for enclosure protection , water ingress.		
7.7	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.		
7.8	Comprehensive warranty for 2 years		

8 Documentation

8.1	User Manual in English		
8.2	Service manual in English		
8.3	List of important spare parts and accessories with their part number and costing		
8.4	Certificate of calibration and inspection from factory.		
8.5	Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out		
8.6	List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.		
8.7	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.		
8.8	Must submit user list and performance report within last 5 years from major hospitals.		

Package 1 Vital Sign Monitor (Neonates-Infants)

1 Description of Function
Sl Name
1.1 NIBP/Vital Sign Monitor is used to continuously monitor the vital parameters including NIBP of critically ill patients.
2 Operational Requirements
Sl Name
2.1 Capability of storage of patient data and printing of patient reports.

3 Technical Specifications
SlName
3.1 1) Monitor should be able to monitor ECG (5 Leads, NIBP, Pulse oximeter, body temperature and respiration.
2) Monitor should have min 9"colour TFT/LCD display and should display atleast two traces of different colours.
3) Should have trend and listing facility for all parameters.
4) Alarms should be audio-visual and should have automatic and manual alarm setting for all parameters. Should display alphanumeric alarm messages.
5)Monitor should have inbuilt battery and inbuilt 2 channel thermal recorder.
6) Should have 5 leads ECG (I, II, III, AVR, AVL, AVF and V)

HR	approx 30 to 250 bpm
NIBP	approx 20-290mm Hg
SPO2	approx 40-100%
Temp	approx 10 to 45 deg C.

- Silencing features for audio alarm
- Trend display for 2-24 hour
- Pacemaker detection/rejection
- Display reports system error, leads end sensors failure and built-in battery status
- Unit can be mounted on bed/wall vane or mobile pole/stand
- Automatic Switch from mains to batteries in case of power failure

7)Should measure NIBP from neonates to pediatrics. Should be supplied with cuffs for Neonates, pediatrics & infants
8)Should have the facility to record BP when there are rapid circulation changes between the cuff interval measurements .
9) Should also display trend of circulation changes over a period of time.
10) Should have an indicator displaying on screen the increase / decrease in circulation Status and also the normal / alarming range.
11) Should be capable of measuring oxygen saturation even in case of motion artifact.
12) Should have selectable cuff interval preferably upto 3 hours.
13) Should have cuff measurement ending time.
14) Monitor should automatically measure the BP on any alarm condition.
15) Should display the waveform graph and pulse bar graph.
16) SPO2 should be ECG Synchronized.
17) Should have change in pulse tone with rate

4 System Configuration Accessories, spares and consumables
SlName

4.1 Should be supplied with the following accessories:
1.Patient cable(5 Lead Infant /Pediatrics) -1
2. Reusable Pediatric Cuff -2
3.Reusable Neonatal Cuff-2
4. Pediatric Probe SPO2 - 2
5.Finger wrap probe SPO2- 2
6.Ear Probe SPO2- 2
7.Skin Temp Probe(Neonatal) - 2
8.ECG Electrodes(Neonates)-10(Disposable)
9.ECG Jelly Bottle-(200 ml each)- 2 bottles
List of priced accessories and spare parts

5 Environmental factors
SlName
5.1 Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.
5.2 The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%
5.3 The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%

6 Power Supply
SlName
6.1 Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied

7 Standards, Safety and Training
Sl Name
7.1 Should be US FDA or European CE approved product
7.2 Shall meet the safety requirements as per IEC 60601-2-27:1994—Medical electrical equipment—Part 2: Particular requirements for the safety of electrocardiographic monitoring equipment.
7.3 Comprehensive warranty as per bid.
7.4 Manufacturer should be ISO certified for quality standards.
7.5 Training and installation at end user site.

8 Documentation
Sl Name
8.1 User/Technical/Maintenance manuals with trouble shooting guidance to be supplied in English.
8.2 Certificate of calibration and inspection from factory.
8.3 List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
8.4 List of important spare parts and accessories with their part number and costing.
8.5 Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Package 2 Electro Surgical Unit (ESU) - Diathermy

1 Description of Function

Sl	Name
1.1	ESUs are used for surgical cutting and for controlling bleeding by causing coagulation (hemostasis) at the surgical site. They deliver high-frequency electrical current through an active electrode tip, causing desiccation, vaporization, or charring by resistive heating in the target tissue.

2 Operational Requirements

Sl	Name
2.1	Microprocessor/Microcontroller technology

3 Technical Specifications

Sl	Name
3.1	Should be Compatible with Argon Plasma Coagulator
3.2	Should provide monopolar output for cut, coagulation (fulguration & spray) & blend
3.3	Should have bipolar cut and coagulation in multiple levels with automatic bipolar coagulation.
3.4	Activation by foot switch and hand switch should facilitate under water procedure.
3.5	Activation of bipolar by foot switch and automatic start/stop system
3.6	Auto diagnosis on switching on and during working to continuously monitor all parameters
3.7	Automatic stoppage of output in case of malfunction with acoustic and visual signal with display of error code should have large easy to read display.
3.8	Output powers adjustable automatically or manually from the control panel should have recall feature for same power and same mode.
3.9	Programmable memory for output settings
3.10	Simultaneous access to mono and bipolar by 2 or more users
3.11	Should be usable with laparoscopic monopolar and bipolar instruments, for which programmes and accessories must be available
3.12	System for neutral plate safety by continuous monitoring of contact quality and connection
3.13	System for monitoring and control of leakage current

3.14	Frequency leakage on the patient should be less than 10 micro Amp.

4 System Configuration Accessories, spares and consumables

Sl	Name
4.1	System as specified
4.2	The accessories should include (a) trolley, (b) mains cable with power plug for standard Indian sockets, (c) foot switches for different outputs, (d) reusable (2 Nos. each for Adult and Children) and single use (100 Nos. each for Adult and Children) neutral electrode for adults and Children along with cable for neutral electrode and fixation device wherever required (e) Reusable & sterilizable (5 Nos.) and disposable electrode handle with finger swiitch, (f) set of electrodes (long and short) with electrode container with holder, (g) tip cleaner, (h) bipolar forceps with cable, (i) cable for connecting to standard mono polar and bipolar laparoscopic instruments, (j) Dedicated instruments for open and laparoscopic monopolar and bipolar use (5 Nos.) *The accessories and their quantity will be chosen from among the ones listed above as well as those listed at 4.4 depending upon actual requirement*.
4.3	The system should be capable of accepting standard accessories of major international brands, which should be specified and for which suitable adaptor, if required, is to be quoted
4.4	The codes and rates of all possible individual accessories should be quoted separately with clear mention of period of validity of rates

5 Environmental Factors

Sl	Name
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%
5.2	The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%

6 Power Supply

Sl	Name
6.1	Power input to be 220-240VAC, 50Hz fitted with power-plug (as used in Burma)
6.2	Electronic Voltage corrector/stabilizer of appropriate ratings meeting BIS Standards/Specifications.(Input 160-260 V and output 220-240 V and 50 Hz)

7 Standards & Safety

Sl	Name
7.1	Should be US FDA or European CE approved product.
7.2	Manufacturer and Supplier should have ISO certification for quality standards.
7.3	IEC 60101-1 Medical Electrical Equipment, General Requirements for safety
7.4	Shall meet internationally recognised standard for Electro Magnetic Compatibility (EMC) for electromedical equipment: IEC-60601-1-2 :latest edition Or Equivalent BIS) or should comply with 89/366/EEC; EMC-directive as amended
7.5	Certified to be compliant with IEC 60601-2-2 Medical Electrical Equipment Part 2-2: Particular requirements for the safety of High Frequency Surgical Equipments: latest edition

8 Training

Sl	Name
8.1	Comprehensive training for staff of user department and support services till familiarity with the system.

9 Warranty & Service

Sl	Name
9.1	Comprehensive warranty as per bid..
9.2	Percentage of uptime guarantee of the equipment during warranty period for which commitment is to be given must be specified with acceptance of applicable penalty clauses in case of failure to do so.
9.3	After sales service must be provided in the city of installation. In situations requiring service/repair of the unit outside the city of installation, the expenditure on account of this will have to be borne by the supplier

10 Documentation

Sl	Name
10.1	Product Literature in original along with that of accessories and indigenous components if any. Photocopies/computer generated copies are not acceptable
10.2	Statement of compliance with tender specifications with clear and unambiguous links to relevant portions of product literature/authentic document, which should be highlighted. Alternatives provided for noncompliant specifications with justification must be described in detail with supporting literature.
10.3	Certificate of compliance with standards and approvals stated above
10.4	Certificate of manufacturer/principal regarding authorisation of service facility provided by the supplier
10.5	List of Equipment available in the Service Centre for providing calibration and

	routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual.
10.6	List of important spare parts and accessories, which are required for maintenance and repair, with their part number and costing.
10.7	Terms and conditions of warranty including schedules of visit by service personnel with check list of services to be carried out
10.8	Commitment for supply of log book with check list for daily, weekly, monthly and quarterly preventive maintenance with contact details of service personnel along with the equipment. The job description of the hospital technician and company service engineer should be clearly spelt out in the log book.
10.9	List of users of quoted model with performance certificate from major hospitals

Package 3 Operation Table: ELECTRO – HYDRAULIC

1 Description of Function

Sl	Name
1.1	Electro- Hydraulic operating Tables are simple tables for performing surgical procedures and they work with and without electrical powee.

2 Operational Requirements

Sl	Name
2.1	OT Table is required for general surgery and should have X-Ray transluscent tops.

3 Technical Specifications

Sl	Name
3.1	a. Four/five section table top with divided foot section b. Table top should permit x-ray penetration and fluoroscopy c. All table positioning, i.e., height, back section, lateral tilt, trendelenburg, and antitrendelenburg, except foot and head section should be operated hydraulically and electro - hydraulically" d. Should have a manual position selector e. The casings on the frame and centre supporting column should be made of hygienic stainless steel f. Mattress should be radioluscent and suitable for fluoroscopy
3.2	Measurements:(approximate) a. Height: 730-1040 mm b. Side tilt: + 15-20 degrees c. Back section adjustment: 40 degree (Down) to 70 degrees (Up). d. Foot section adjustment: - 90 to 0 degree, detachable e. Trendelenburg: 25-30 degree f. Anti trendelenburg: 25-30 degree g. Head section adjustment: -40 to -30 degree, detachable h. Width: 550 mm i. Length: 1950 mm

4 System Configuration Accessories, spares and consumables

Sl	Name
4.1	System as specified
4.2	ACCESSORIES: All accessories including the ones listed below should be quoted. The specific accessories and their quantity will depend upon actual requirement

	a. Padded arm rest with straps - pair with clamps 2nos. b. Anaesthesia screen with clamps 1 nos. c. Side supports: pair with clamps 2nos. d. Shoulder supports: pair with clamps 2nos. e. Knee crutches for lithotomy position: pair with clamps 2 nos. f. X-ray cassette tray 2nos. g. Kidney bridge 1nos. h. Patient Restraint Strap 4nos. i. All Accessories for operating in prone position 1set

5 Environmental factors

Sl	Name
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%
5.2	The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%

6 Standards & Safety

Sl	Name
6.1	Should be US FDA or European CE approved product
6.2	Manufacturer and supplier should be ISO certfied for quality standards.
6.3	International Safety standards like IEC 60601-2-46 or equivalent if applicable

7 Training

Sl	Name
7.1	Comprehensive training for staff of user department and support services till familiarity with the system.

8 Warranty & Service

Sl	Name
8.1	Comprehensive warranty as per bid.

Package 3 -PATIENT TRANSFER TROLLEY

1. Overall length 205cm – 215 cm
2.Overall width 76 cm – 80 cm
3.Should have weight bearing capacity of 200 kgs or more
4.Height range 55 cm – 92 cm
5.Trendelenburg and reverse Trendelenburg 12-180
6.Should have pneumatic cylinders assisted back rest 80-900
7.Roller bumpers on all corners
8.Fold down full length siderails on each side
9.Retractable fifth wheel to assist in maneuver ability of the stretcher
10.The castors should be of 20 cm diameter
11.Central locking brake and steer controls at head and foot end
12.The mattress should be of vinyl/polyurethane and with thickness of 8-10 cm, water proof and antibacterial, fire retardant, and anti static
13.The stretcher should have integrated storage space for oxygen cylinder. Foldable IV poles on all 4 corners.
14.Should have detachable and foldable shelf for keeping monitor.
15.CE Europe marked or FDA US approval is required
16.Demonstration of model quoted in the hospital is must

Package 3 LABOUR TABLE

Specifications:

- Tubular Stainless Steel Frame with three section SS Top with manually operated back rest on ratchet Semi circle U Notch on middle section.
- Foot end section sliding completely (telescopically) under main frame. Adjustable height & Trendeleberg position/ reverse Trendelenberg. Gas Spring assisted /strong mechanism. Pair of detectable padded leg rest. Self locking Traction Handle
- Adjustable I/V rods.
- Swing, away side railing on two sides with mattresses covered with leatherite.
- Size 180 L x 68W x 75 cm (Approx)

Package 4 **FIBEROPTIC VIDEO GASTROSCOPE**

The flexible Gastro scope should have a high resolution color CCO scanner with minimum 4,80,000 pixel. It should have wide angle field of view and extremely high depth of field. The control and processing unit should have a brilliant sensor system to provide uniform illumination even in poor lighting conditions. The shaft of the video Endoscope should be tension free and should have stable turning insertion tube. It should meet the technical specifications as follows.-

Flexible Video Gastro scope should have resolution of 4,80,000 pixels
Should have field of view of 140 degree or more.
Should have depth of field from 2- 100/200mm
Should have a working length of 1100mm or more.
Should have biopsy channel diameter of 2.8mm
Should have a Carrying case.
Should have ETO Cap.
Should have a leakage tester
Should have a biopsy Forceps, oval cup dia 2.3 mm and length of 1800mm
Should have a cleaning brush dia 2.3mm 1800 length.
Video processor with integrated light source.
The design of video processor should have the latest digital technology to show the finest tissue structures with increased resolution.
This should improve the color while providing excellent image quality.
Should have matrix combo pal, 230V having high resolution.
It should be easy to operate high sensitivity in low light conditions.
It should be digital Signal processing.
It should automatic Light sensitivity Adjustment with the mode function.
It should have freeze frame function.
Should have integrated 150 W Halogen Light source with built in spare lamp.
Should have Ethernet digital communication port for transfer of endoscopic still image to PC (Since PC is going to be used for generating endoscopy report.
Should have image storage and retrieval settings on the front panel and able to be retained even the power is turned off (Like Colour , structure Enhancement. White balance, iris etc.)
It should have recalling and registered scope information (Scope ID function)
Should have image freezing capability on the scope.
Should have picture in picture (PIP) facility.

<u>Colour Video Monitor (Medical Grade)</u>

Should have at least 2 RGB input/output.
Should have an automatic colour temperature capacity of at least 10000k.
Should have 14” (33cm) picture diagonal.
Should have under scan capacity for full vision.
Should have high resolution Trinitron tube.
Should have high resolution of600 TV lines

Package 5 **FIBEROPTIC LARYNGOSCOPE with Camera**

Tender Requirements:

1) FLEXIBLE FIBEROPTIC LARYNGOSCOPE
2) COLOUR VIDEO MONITOR
3) COLD LIGHT SOURCE

FLEXIBLE FIBEROPTIC LARYNGOSCOPE
1. The working length of the fibre scope should be approx 30 cm
2. Range of bending at the tip should be minimum 120 degree up and 60 degree down.
3. Outer Channel diameter 5 mm or more
4. Channel 2mm or more
5. 1 Chip Colour camera
6. Leak test facility

COLOUR MONITOR:
15” Colour Monitor – Medical Grade

LIGHT SOURCE:
· Compatible light source 150-250W Halogen/LED/Xenon
· Automatic light adjustment to maintain optimum brightness

RECORDER:
· Storage of video sequences of CD ROM
· Automatic Light adjustment to maintain optimum brightness

Suitable TROLLY

Package 6 Instrument set for Functional Endoscopic Sinus Surgery

Qty 1 each for all the items

1 BLAKESLEY nasal forceps Straight 13cms working length, sizes 2 & 3
2 BLAKESLEY nasal forceps 45 deg upturned 13cms working length, size 2
3 BLAKESLEY nasal forceps 90 deg upturned 13cms working length, size 2
4 Through cutting, tissue sparing
(a) straight, size2, length13cms
(b) upturned, size2, length 13cms
5 Antrum punch
(a) right side backward cutting, length 10cms
(b) left side backward cutting, length 10cms
6 Maxillary antrum cannula
(a) long curved, out side 3mm length 12.5cms
(b) short curved, outside 3mm length 12.5cms
7 TAKAHASHI nasal forceps
8 Cup shaped forceps, size 2, length 13cms
9 STAMMBERGER forceps 65deg upturn, 3mm dia., length 12cm
10 KERRISONS punch, straight, size 2mm, 3mm
11 Sickel Knife standard size
12 Curette – Frontal Sinus/Maxillary Sinus (cup)
13 Antral guide drill probes-front sinus & maxilla sinus

Endoscope for Sinus Surgery length 18 cm

Qty 1 each for all the items

Endoscope 0° 4mm & 2.7 mm
Endoscope 30° 4mm & 2.7 mm
Endoscope 70° 4mm
Endoscope 120° 4mm

Package 7 Low End Mobile X ray machine.

High Frequency mobile x ray machine with output 60 mA or more. The mobile x ray equipment required to perform x ray studies in emergency and trauma centre and bedside in wards and ICU. The unit should be compact, light weight and easily transportable. It should have following specifications

1) The unit should be operative on mains voltage from single phase 170-260 v AC.

2) **Generator:**

i.	Power	: 2.5 kW or more
ii	kVp. Range	: 40 – 100 Kvp
iii	m AS Range	: 200 m As or more.
iv	m A range	: 30 mA to 75 Ma
v	Exposure Time	:3 ms to 4 sec.

3) **X RAY Tube**: Rotating Anode tube. Anode speed 3000 rpm, Thermal capacity 40 KHU or better.

4) **Tube stand** : The tube stand should be fully counterbalanced with rotation in all directions.

5) **calibrator** The unit should have automatic calibrator. It should have auto shut off facility for lamp.

5) **Cassette storage box** : The equipment should have cassette storage box for minimum of 4 cassette.

6) **Ergonomics**: The unit should have small foot print. The height of the column stand should not be more than 150 cm for easy transportation in the lift etc. and areas with small height doors. The equipment should be light weight, not more than 160 kg.

7) **Breaking system**: The unit should have effective breaking system for parking.

8) Warranty **1 Years comprehensive warrantee for complete system including X-ray tubes.**

9) **Installations:** The bidder should have installed same model successfully in India. The copy of the satisfactory performance certificate of same model to be enclosed along-with the bid.

10) **Certification:** System shall have valid AERB certificate or equivalent of the quoted model. The bidder to provide any other certificate required for importing the equipment incase of imported modes.

Package 7 C-Arm Image Intensifier (Multispeciality)

1 Description of Function	
1.1	Image Intensifier for Dynamic X-Ray based studies in operation room, radiology etc.
2 Operational Requirements	
2.1	Must be for universal use in Radiology and other services. The fluoroscopy, pulsed fluoroscopy and digital radiography operating modes are to be supported. The C-arm should have on line digital subtraction for use in vascular intervention with Roadmap. The C-arm should be of compact, lightweight design. Must be equipped with a 23 cm image intensifier. The camera system should be based on CCD technology with a digital imaging system for fluoroscopy and radiography, and Two nos. 17 inch TFT monitors should be provided. Local archiving of single images and scenes for over 10,000 images is required. Must be possible to connect the system to a network via an integrated DICOM 3.0 interface. The C-arm should have motorized vertical movement. Please mention the details of orbital movements, swivel and angular movements. The C-am should be fitted with Laser devices.
3 Technical Specifications	
3.1	Technical Specifications C-Arm 1. General- a) Motorized Vertical travel : MINIMUM 430 mm or more b) Privotal rotation : =/- 12.5 deg. Or more c) Orbital rotation : = 90 deg. – minimum 30 deg. Or better d) Depth/Radius of C-arm : 640 mm or better e) SID : 950 mm or more f) Horizontal travel : 200 mm or better g) Free space between Image Intensifier & X-ray tube : MINIMUM 740 mm or more h) Rotation of C-arm : +/- 180 deg. Or more i) Total WIDTH of C-arm : MAXIMUM 800 mm or less 2) Image Intensifier a).At least triple field 9”/6”/4” input dia offering resolution

3) TV Camera

Ultra Compact CCD camera with high No of pixels (1kx1k) and video band width (atleast 20 MHz of better) along with 2 Nos. 17” 625 lines 100 Hz flicker free TV monitors with facility to rotate the image continuously.

4.)Direct Radiography

Radiography should be possible on a cassette to be fitted in a holder for 10X 12 inches cassette. The unit should be complete with one such holder and 4 No. cassettes including high speed intensifying screens.

5.)X- ray generator

High frequency (25- 40 KHz or more) 6 KW or even better X-ray generator with high capacity rotating anode X-ray tube of dual foci of 0.3 and o.6 mm (300 KHU) or better.

6.)a. Fluoroscopy output : 40-120 KV in IKV steps
b)mA output : MINIMUM Up to 5 mA or better
c) Snapshort : MINIMUM Up to 12.0 mA or better

d) Pulsed fluoroscopy rate selectable:- 1 – 5 image per second

e) Automatic dose rate regulation with KV control
Time totalizer for fluoroscopy with facility to alarm after every 5 minutes of fluoroscopy

7.)a)Radiography output : 40-120 KV in 1 KV steps
-b) mA range : Up to 250 mAs or better
-c) mA max : Up to 90 mA or better

8.Image Memory
At least 1 (LIH) + minimum 20,000 frames dynamic digital memory on Hard Disk with 576 X 576 matrix or better,. There should be facility to insert patient name through alphanumeric key board. They system must be upgradable to functions of performing REAL TIME digital subtraction angiograpny with acquisition up to 6 frames/sec. or better and Road –mapping functions etc. at any later date for peripheral angiography.

9.Essential Accessories

The complete functional system must be quoted with DUAL CHANNEL Laser LIGHT SOURCE ON, X-RAY TUBE UNIT for making a cross to reduce the X-ray dose, Built in DOSE AREA PRODUCT meter for disply of X-ray dose, light weight lead aprons (6) required CVT and thermal imaging film printer with 5 film rolls WITH DRY CHEMISTRY CAMERA & 500 DPI FOR HARD COPY DOCUMENTATION

4 System Configuration Accessories, spares and consumables	
4.1	4.1C-Arm Main Frame 01 4.3 X-Ray Generator 01 4.4 X-Ray Tube 01 4.5 Image Intensifier &Imaging Chain 01 4.6 3D Rotational Angiography 01 4.7 Data Management Capabilities-01 4.8 Integrated Digital Archieving on CD/DVD 4.9 Lead Aprons 06 4.10 Thyroid Guards 06 4.12 View Boxes – 02 Slim type halogen tube 4.13 TFT Monitor 02
4.2	All the accessories in essential accessories.
5 Power Supply	
6.1	Power input :220-240V/ 50 Hz AC Single phase or 380-400V AC 50 Hz Three phase fitted with appropriate Indian plugs and sockets.
6.2	Appropriate Servo Voltage Stabiliser/ CVT to be provided with the unit. Also spell out the power requirements for the unit
6 Standards, Safety and Training	
7.1	1. Company/ supplier Should have a CE, FDA approved certification of offered equipment Should be BEE/NATIONAL GOVT. AGENCY FOR MEDICAL ELECTRICAL EQUIPMENT or BIS approved product. 2. Manufacturer should have ISO certification for quality standards. 3. Comprehensive training for lab staff and support services till familiarity with the system on site. 4. Comprehensive warranty for 1 years.
7.2	Equipment should be type approved by AERB
7.3	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
8 Documentation	
8.1	1. User/Technical/Maintenance manuals to be supplied in English. 2. Certificate of calibration and inspection. 3. List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer service/ maintenance manual. 4. List of important spare parts and accessories with their part number and costing. 5. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of clearly spelt out. 6. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number with authenticated catalogue/manual, without which it will not be considered.

Package 7 500 mA High Frequency x-ray unit with image intensifier.

The unit should be a completely integrated system with x-ray Table, Generator and Tube form the reputed Company.

The Quoted model should have AERB type approval and CE/FDA. AERB & internationally acceptable radiation safety approval and any other certification of safety approval required by the consignee i.e General Hospital Sittwe will be the responsibility of the supplier

1. High Frequency Generator with output of 50 KW or more to give 500mA at 100KV.
2. Generator should have KVP Range 40 KV to 150 KV.
3. mAs range should 2-800 mAs.
4. Digital Display of KV and mAs.
5. Integrated console with the table.
6. Fluoroscopy in manual and automatic mode.
7. Dual Focus X-ray Tube with large focus 1.2mm or less and small focus-0.6 mm or less..
8. Collimator with adjustable copper filters.
9. Facility of collimation functionality display on the x-ray tube assembly.
10. Table top transversal travel30cm or more (± 15 cm),
11. Table top longitudinal travel 160 cm or more (± 80 cm).
12. Tiltable table from vertical to -15 Degree or more with automatic stop at Horizontal,
    Vertical and head down position.
13. Microprocessor Controlled Automatic Spot Film Device with facility of different film formats selections with wide range of division in vertical and horizontal.
14. X-ray table should be able to accept all standard type of cassette including CR cassettes
15. Titling speed $>3^0$/*per* second.
16. Maximum Allowable patient weight 200 kgs.
17. Compressor cone with automatic parking position.
18. Oblique incidence up to +/-40°.

19. All movement controls of the table available on the SFD also.
20. Under table 12 inch image intensifier system with high resolution CCD camera. Overview plus 3 zoom levels 65% DQE & 2 No. Monitors of minimum 17" size and minimum 1024x1024 resolution or better.
21. Last image hold of fluoroscopy and radiography images.

Original Data Sheet of technical specification of the equipment quoted to be provided along with point wise compliance statement mentioning deviation if any with justification. The original data sheet should indicate reference to technical specification point wise by highlighting ink.

Accessories

1. 65 KV A Servo Voltage stabilizers with spike suppressor to be quoted along with.
2. Lead Glass of 100 x 120 cm with 12 mm thickness.
3. Remote controlled compression with three different interchangeable cones
4. Footswitch for fluoroscopy & exposure in examination room.
5. Measuring chamber for dose-area product (DAP).
6. Bucky wall unit with height adjustable catapult bucky cabnet to hold different cassettes sizes from 5"x7" to 14"x 17" with moving greed Pb 10: 1; 40 lines/cm
7. Footrest, Handgrip angled, Protection strip, Handgrip rail, Shoulder supports one pair
8. Pediatric immobilizer of standard make.
9. Zero lead aprons: 4 each with wall mounted stand
10. Protective shields for Gonads, thyroids: 4 each for Gonads & thyroid.
11. Slim view boxes of standard make (4 in 1) - 4 nos.

Turnkey Work:

For X-Ray and related equipment, bidders who have Type Approval/NOC of AERB/BARC shall only be considered with documentary evidence. It shall be bidder's responsibility to get the equipment installed and commissioned as per AERB / BARC guidelines and installed and commission on "Turn Key basis".

Bidders must take into consideration in its bid the costs to be incurred for any additional work viz. Electrical cabling, plugs of suitable ratings from the source, Electrical points of suitable ratings, water connection, water drainage, plumbing, air-conditioning, Radiation protection/shielding, mechanical & allied requirement for the equipment etc. required for successful installation, commissioning and running of the Equipment and the quoted "All inclusive lump sum price" should include all such costs. Approval of the material to be used for civil work is to be taken from HSCC.

AERB & internationally acceptable radiation safety approval and any other certification of safety approval required by the consignee i.e General Hospital Sittwe will be the responsibility of the supplier

Package 8 Specifications of Blood Gas Analyser

1. Fully automatic, upgradeable, fast electrolyte combi analyzer.
2. Essential Measured parameters; pH, pCO2, pO2, SaO2, tHb, Barometric Pressure, Na+, K+, Ca++, Cl-, Bl urea and Sr Creatanine & Blood sugar. All these parameters should be measured simultaneously
3. Calculated parameters should include BE, BE ecf, HCO3, Lactate, Anion Gap etc.
4. Sample volume-less than 100ul.
5. Fast analysis time – less than 60 sec.
6. Maintenance free electrodes with individual electrodes ON/OFF facility.
7. Fully automatic liquid calibration of all parameters at user-defined intervals without the use of Gas calibrated reagents, external gases, tanks or regulators.
8. Continuous reagent level monitoring with graphic display.
9. Data display on well-illuminated, adequate size **LCD color touch** screen display.
10. Data print out on built in graphic printer.
11. Built in auto Quality control facility.
12. Suitable UPS with 30 min backup.
13. Reagents for one year@ 20 samples/day should be provided along with the machine.
14. Cost of reagents to be quoted for comparative evaluation.
15. Stand by blood gas cum electrolyte analyzer in case of breakdown.
16. Should have local service facility
17. Back to back warranty to be taken by the supplier from the principal, to supply spares for minimum 10 years.
18. Must submit User list and Performance report
19. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet
20. Demonstration is required.
21. Warranty for One years.

Package 9 Auto Analyzer

1 Description of Function	
1.1	For analysis of serum, plasma, urine, cerebrospinal fluid (CSF), hemolysate and whole blood.
2 Operational Requirements	
2.1	Should be open system and fully computerized with random access, selective multi-batch type, providing maximum flexibility in programming
2.2	Should be capable of undertaking 160-200 tests/hr involving fixed time, end point and kinetic chemistry
3 Technical Specifications	
3.1	Optical Requirement Wavelength Range: 340 to 700nm Absorbance: 0.000 to 3.000A Resolution: 0.0001A or better Measurement: Monochromatic & Biochromatic options. Flow cell volume: approx. 50µl Source of light: Halogen lamp
3.2	Reagent Handling System: Pre and Post dilution: Automatic Aspiration volume: 5-1000µl in 0-0.5µl increments Wash Cycles: Programmable for aspiration and sampling probes
3.3	Analytical Requirements: Sample Tray/reaction plate: >50 positions for samples/ standards/ controls Sample cups: 0.5-1ml Reaction types: End point, kinetic- differential and initial rate bichromatic, with & without blank correction Test Parameters: 50 or more, all programmable as per user requirement. Incubation Temp: 37ºC preferably with variable temperature options Cuvette Temp: 37ºC +0.1ºC Quality control: Daily and monthly QC, S.D., C.V. Calculated and precision check facility
3.4	Date Processor: Pentium computer with instrument operating and data management software, windows NT Operating Software ,min 10 GB hard disk, CD-ROM, 17" colored monitor, Laser printer. Storage of 10,000 patients data.

3.5	Inbuilt printer thermal type with 40 characters/line or better
3.6	Software :Patient oriented, user friendly and test oriented.

4 System Configuration Accessories, spares and consumables

4.1	Biochemistry Analyser-01
4.2	Integrated Printer and computer as specified above-01

5 Environmental factors

5.1	Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.
5.2	The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90%
5.3	The unit shall be capable of operating in ambient temperature of 20-30 deg C and relative humidity of less than 70%

6 Power Supply

6.1	Power input to be 220-240VAC, 50Hz
6.2	Suitable Servo controlled Stabilizer/CVT
6.3	UPS of suitable rating shall be supplied for minimum 1 hour backup for the entire system

7 Standards, Safety and Training

7.1	Certified for meeting IEC 60601-1-4 Medical electrical equipment - Part 1-4: General requirements for safety - Collateral Standard: Programmable electrical medical systems
7.2	Attach original manufacturer’s product catalogue and specification sheet. Photocopy/ computer print will not be accepted. All technical data to be supported with original product data sheet. Please quote page number on compliance sheet as well as on technical bid corresponding to technical specifications.
7.3	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
7.4	Should be FDA or CE approved product

8 Documentation

8.1	User manual in English
8.2	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
8.3	Certificate of calibration and inspection.
8.4	List of important spares and accessories with their part number and costing.

8.5	List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual.
8.6	Service manual in English
8.7	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet. Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.

Package 10 B SCAN

1.	Gain	25 to 105 dB
2.	TGC	0 to 30dB
3.	Contact Probe	12.5 Mhz (10 Mhz) optional
4.	Immersion Probe with Two transformer	35 Mhz to 50 Mhz
5.	Angle contact probes	20 to 60 degrees
6.	Scan angle for immersion probes	10 to 30 degrees vector density & sampling
7.	Axial Resolution	50 Microns
8.	Lateral Resolution	50 Microns
9.	Datadabase Dimensions	500Kb
10.	Measurement Types	Angle Caliper 1 Caliper 2 and A Scan/B Scan
11.	Capability	A Scan vector available as overlay on B Mode Image
12.	Velocity	Adjustable to tissue or material being image
13.	Recording	AVI formal duration determined by user Image Exporting
14.	Exporting	JPG, AVI. Raw data file system
15.	Main Power	110V/220V AC frequency:60/50Hz Power consumption
16.	Gross Weight	70kg approx

Package 11 BASIC BONE SET (All Imported)

1. General Orthopaedic Instruments

QTY.

- Langenback Retractors - 4 each of following
  - i. Mini Langenback Retractor 10mm x 6mm 1
  - ii. Mini Langenback Retractor 22mm x 8mm
  - iii. Kocher Langenback Retractor 40 x 11 mm x 21 cm
  - iv. Langenback Retractor 30 x 11
- Hohmann' s Retractors QTY.

1 each of the following:

i. 8mm Blade
ii. 10mm Blade
iii. 17mmBlade (15-20mm)
iv. 43mm Blade (40-45mm)
v. 25mm Blade (20-25mm)

- BP knife handles

No.3 size 2
No.4 size 2
No 7 size 2

- Bone levers

Small size 2
Medium size 2

- Hammer

i. Collin Mallet 2
ii. Nylon Faced Hammer 20 Nos. 2

- Bone holding reduction forceps with locking device

Small for forearm bones 2
Large for leg bones 2

- Bone Holding Forceps

Lane's - Small, Medium, large size one each 1 set

- Wire holding forceps 2

Wire holding pliers
Small 2
Large 2

Wire bending pliers – 2 each of blunt tip and sharp tip One all
Bending Iron for 3.5 mm plates 2
Bending Irons for 4.5 mm plates 2

- Bone curette

i. Volkman all size 1 each
ii. Maartini curettes all size 2 sets.

- A.O type damaged screw removal set 1

- Small fragment plating instrument with implant

  Set complete 2 sets
  Should consist of following
  i. Small fragment instrument set (3.5mm) in autoclavable box 1 No.
  ii. Small screw box
  Contain the following:
  Cortical screw 3.5mm
  10 mm 5 units
  12 mm 5 units
  14mm to 40mm 8 units each
  Cancellous screws 4mm
  10mm to 50mm 2 units each
  Screw holding forceps 1
  Storage & sterilization case with tray 1 no

  iii. Box containing small plates.
  DC plates small 4 hole 4 No.
  DC Plates small 5 hold 8 No.
  DC Plates small 6 hole 12 No.
  DC Plates small 7 hole 8 No.
  DC Plates small 8 hole 5 No.
  Storage and sterilization Box 1 No.
- Long handled bone curette

  Non serrated edge 2
  Serrated edge 2
- Gigli Saw instruments Set

  Each set should contain
  i. Gigli saw handle 1 pair 2
  ii. Gigle saw wires 100 nos.
- Patella reduction clamp 2

- Patella wire passer 2

- Ring cutter 4

- K-wire cutter (Capacity 4mm) with Replaceable tungsten carbide blades with rubber jaws set should consist of :

  i. K-wire cutter 28mm 4
  ii. Spare blades 4 pairs with screws
  iii. Spare robber jaws 4 pairs with screws
  iv. Allen keys 4 Nos
- Stienmann pin cutter capacity up to 6mm 4

- Bone curette double ended round / oval

i. Small 1
ii. Medium 1
iii. Large 1

- Loute wire tightener cum wire cutter 1

- Wire bending cum cutter plier length 15cm 1

- Osteotomes

i. Straight 3/8'', 3/4 " (inches) 2
ii. Curved 3/8'', 3/4 " (inches) 2

- Gouzes

ST Thomas 1/4 ", 3/8'', 3/4'' 1 each

- Retractors

i. Wullstein –weitlaner self – retaining retractor
3x3 teeth blunt length 13 cm 2
ii. Weitlaner self –retaining retractor 3x4 teeth blunt
Length 16.5 cm 2
iii. Weitlaner self –retaining retractor 3x4 teeth blunt
Length 26 cm 2
iv. Adson Self retaining retractor 3x4 teeth blunt
Length 26cm 2
v. Gelpi self retaining retractor with balls, blunt
Length 18cm. 2

- Elevators

Farabeuf periosteal elevator, straight 13mm, length 15 cm 1
Farabeuf periosteal elevator, curved 13mm length, 15 cm 1

- Jacobs Chuck with Handle

Jacobs drill three jaw chuck with key, mix
Dia 6.35 mm length 14 cm 5

- Screw driver 3.5mm screw 2

- Screw driver 4.5mm screw 2

- Manual Tourniquet set

Should consist of the following
1.Pump 1 No.
2.Pressure regulator 1 No.
3. Small medium and large size of cuffs 2 each

- Artery Forceps

i. Mosquito forceps 5'' 12
ii. Spencer well forceps 5'' 12

- Forceps 6'' 12

i. Plain forceps 6'' 2
ii. Toothed 6'' 2

- Bone cutting forceps

i. Liston straight 7'' 1
ii. Liston double action 10-½'' 1

- Sponge holding forceps 25cm 4

- Tissue forceps (Kocker's)

i. 5'' 2
ii. 8'' 2

Lane forceps

i. 5'' 2
ii. 7½'' 2

Allis 6'' and 7½'' 2
Scissor MAYO' straight 6'' 2

- Scissor dissecting 7'' 2

Package -11 Instruments and Implants for 7.0 mm Cannulated Screws 1Unit (All Imported)

Specification: Following items manufactured to international standard (equivalent to AO Specification) by reputed multinationals firms)

Instruments for insertion of 7.0 mm self-tapping cannulated screws of A.O. type in sterilization case with trays consisting of following items-

• Guide wire 2.0 mm diameter, threaded tip, 230 mm long	**10 nos.**
• Drill bits 2.0 mm, 4.5/2.1 mm	1
• Double drill sleeve 4.5./3.2	1

* Instruments for insertion of 7.0 mm cannulated screws including tap, countersink, Measuring devices, forceps, drill sleeves, stylet etc.	Total 15 instruments
• Cannulated screws 7.0 mm self drilling/tapping, thread length 16 mm with following lengths 60-115 mm with 5 mm increments	5 each
• Cannulated screws 7.0 mm, self drilling/tapping, thread length 32 mm having following lengths 60-110 mm with 5 mm increments	5 each
• Cannulated screws 7.0 mm self drilling/tapping full thread length with following lengths 60-110 mm with 5 mm increments	5 each
• Washer 13.0/6.6 mm diameter for screws 4.5-7.0 mm	5

The instruments should be made of bio compatible, high quality stainless steel with proven safety and efficacy (imported).

Package 11 HEMIREPLACEMENT SET-austine moore prosthesis WITH IMPLANTS

1 Description of Function

1.1	A implant may be defined as an artificial organic material that can be surgically implanted into a person's body to replace damaged tissue. Hemireplacement for hip is replacement of femoral head that is half of the hip joint in case of old patient with fracture neck of femur etc.

2 Operational Requirements

	As specified

3 Technical Specifications

3.1	Instrument Set should consist of the following: **quantity as per user demand** Austin Moore Extractor - 1NO. Head Extractor - 1 NO. Head Gauge - 1 No. Aluminum impactor with nylon face - 1 No. Lanes small bone lever - 1 Pair Lanes serrated bone lever - 1 Pair Lanes large bone lever - 1 Pair Moore type rasp – Three all sizes. Lagenbeck retractor Small - 1 Pair Lagenbeck retractor Medium - 1 Pair Lagenbeck retractor Large - 1 Pair Murphy skid - 1 No. Cobra Retractor - 1 No. IMPLANTS AUSTIN MOORE- STERILE PACKED Size 39 Five Size 41,43,45,47,49 Five Each Size 51, 53 Five Each

4 System Configuration Accessories, spares and consumables

	As specified

5 Environmental factors

5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%

6 Power Supply

	None

7 Standards, Safety and Training

7.1	1. Should be manufactured by company which has license of Drug Controller of India and

	conforms to standards laid down by the Drug Controller of India vide notification of Ministry of Health & family welfare. 3. Comprehensive training for lab staff and support services till familiarity with lthe system on site. 4. Comprehensive warranty for 2 years for instruments and long shelf life of implants.	

8 Documentation

8.1	1. User/Technical/Maintenance manuals to be supplied in English. 2. Certificate of calibration and inspection. 3. List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer service/ maintenance manual. 4. List of important spare parts and accessories with their part number and costing. 5. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of clearly spelt out. 6. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number with authenticated catalogue/manual, without which it will not be considered.	

Package 11 INTRAMEDULLARY NAILING SET WITH FLEXIBLE REAMERS (All Imported)

1 Description of Function

1.1 These instruments are used in orthopedic surgery for reaming of bone before fixation of long bones with nails like in thigh, leg, arm etc.

2 Operational Requirements

2.1 Following are the general guidelines and configuration, quantity may vary with the user with the ultimate aim of femoral intramedullary locked nailing; reconstruction locked nailing; proximal femoral and distal femoral locked nailing.

2.2 Locking screw appropriated for the nail and site to be provided. As specified

2.3 Anatomic precurvature required as appropriate for different nails as anterior bow, coronal angulation for trochanteric entry nail for femur etc and same apply for tibia.

3 Technical Specifications

3.1 One System should be capable of providing instrumentation for Femoral, Tibial & Humeral reconstruction and retrograde nailing preferably

3.2 General Instruments

1 ST-PIN 9X1/8IN STYLES 5 1
2 SLAP HAMMER 1
3 RULER RADIOLUCENT 1
4 ANGLED FEMORAL AWL 1
5 FLARED EXCHANGE TUBE 1
6 SKIN PROTECTOR 1
7 TIBIAL AWL 1
8 MALLET 1
9 THREADED DRIVER 1
10 TROCHANTERIC REAMER 1
11 WIRE GRIP T-HANDLE 1
12 THREADED EXTRACTOR 1
13 ANGLED TIP FEMORAL AWL 1

Distal set instrument

1 8.0 MM FLEXIBLE REAMERS 1
2 8.5 MM FLEXIBLE REAMERS 1
3 9.0 MM FLEXIBLE REAMERS 1
4 9.5 MM FLEXIBLE REAMERS 1
5 10.0 MM FLEXIBLE REAMERS 1
6 10.5 MM FLEXIBLE REAMERS 1
7 11.0 MM FLEXIBLE REAMERS 1
8 11.5 MM FLEXIBLE REAMERS 1
9 12.0 MM FLEXIBLE REAMERS 1
10 12.5 MM FLEXIBLE REAMERS1 11
13.0 MM FLEXIBLE REAMERS
12 13.5 MM FLEXIBLE REAMERS
13 14.0 MM FLEXIBLE REAMERS

4 System Configuration Accessories, spares and consumables			
4.1	As specified		
5 Environmental factors			
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%		
6 Power Supply			
	None		
7 Standards, Safety and Training			
7.1	1. Should be manufactured by company which has license of Drug Controller of India and conforms to standards laid down by the Drug Controller of India vide notification of Ministry of Health & family welfare 2. Manufacturer should have ISO certification for quality standards. 3. Comprehensive training for lab staff and support services till familiarity with the system on site. 4. Comprehensive warranty for 2 years and long shelf life for implants .5. Material should be of high quality used for medical equipments.		
8 Documentation			

Package -11 WIRE AND PIN CUTTER SET
SPECIFICATIONS

Set consisting of following instruments.

1. Wire cutter small 5 Nos
2. Wire cutter large 5 Nos.
3. Steinman Pin cutter 5 Nos
4. Ring cutter 5 Nos.

Package -11 GENERAL SPINE SURGERY INSTRUMENTS

Specifications:
Following items manufactured to international standard by reputed multinational firms

Weitlenier's self retaining retractors small and large 2 each
- Chest wall self retaining rectractors small and large 1 each
- Walton's malleable retractors 4
- Rib approximator small 2
- Cobb's periosteum elevator small and large 2 each
- Overhault periosteum elevator 2
- Simm's periosteum elevator 2
- Rib Shear 4

Laminectomy Shears
Liston's type (single action) 2
Double action 2
- Bone Cutter double action 4

Bone nibbler small and large 2 each
- Watson's chynes dissector with probe 8" 4

Fine bone currette small and large 2 each
- Dura protector straight small and large 2 each

Dura protector angled small and large 2 each
Love's retractor small and large 2 each
- Nerve hooks 4
- Bone punch 4

Up cutter (Karisson rongeurs)
- 3mm bite 40 and up, 178 mm length 1 each
- 4mm bite 40 and up, 178 mm length 1 each
- 3mm bite 40 and up, 203 mm length 1 each
- 4mm bite 40 and up, 203 mm length 1 each
- Disc forceps straight and curved assorted size 2 each

Crocodile (Aligator) Punch straight assorted size 2
Rongeurs for disc space preperation (length 178mm)
- Straight cup size 4xl0mm, 6xl0mm. 6x12mm 2 each
- Curved up cup size 6xl0mm, 6x12nun ' 2 each
- Curved down cup size 6x 10 mm, 6x 12mm 2 each
- Crocodile punch curve down 2
- Vertebra Spreader with ratchet (5 inch) 2

Lamina spreader (9 ½ inch) 2

Penfield Dissectors
- Broad tip size 4-5mm (178mm length) 2

Narrow tip

Package -11
Manual Hand Dermatome Set

Package -11

K Wire: 10 rolls
Material : SS 316 LVM
Diameter 1.5 to 2.5 mm
150mmlength.

Package -11

INTERLOCKING NAILS AND SCREWS

Material: Stainless Steel/

Types

Femoral (Reccon style, universal)	**2 each**
9 mm Dia.	320, 340, 360, 400, 420, 440
10mm Dia	-do-
11 mm Dia.	-do-
12 mm Dia	-do-
Tibital (Reccon style)	**2 each**
8 mm Dia.	280, 300, 320, 340, 360, 380
9 mm Dia	-do-
10 mm Dia.	-do-
11 mm Dia	-do-
Humerus solid and cannulated	**2 each**
6 mm Dia.	200, 220, 240, 260, 280, 300
7 mm Dia	-do-
8 mm Dia.	-do-

Package -11

DYNAMIC COMPRESSION PLATES: 2 each
External Small Plates
4, 5, 6, 7, 8 Holes
Small
4, 5, 6, 7, 8 Holes
Narrow
4, 5, 6, 7, 8, 9, 10, 11, 12 Holes
Broad
5, 6, 7, 8, 9, 10, 11, 12, 14 Holes.
One Third Tubular Plates
4, 5, 6, 7, 8 Holes
Semi Tubular Plates
4, 5, 6, 7, 8 Holes

Package -11

DYNAMIC HIP SCREW INSTRUMENT SET (All Imported)

Guide Pin 2.5X230mm (with threaded tip)

Angle Guide 135 °

Angle Guide 150 °

T-Handle with Quick Coupling

Wrench for insertion & removal

Centering sleeve for 430.050

Tap 12.5mm

Centering sleeve for tap

Direct Measuring Device

Coupling Screw For insertion of dynamic hip screws

Guide shaft for 430.100

Coupling screw for the removal of dynamic hip screws

Impactor for dynamic hip plates

Triple Reamer for dynamic hip screws (Complete)

Dynamic Hip Screw Implant Set

Compression screw L.36mm –Qty 4

Dynamic hip screw L. 80mm – Qty 2

Dynamic hip screw L. 85 mm – Qty 2

Dynamic hip screw L. 90 mm – Qty 2

Dynamic hip screw L. 95 mm – Qty 2

Dynamic hip screw L. 100mm – Qty 2

Dynamic hip screw L. 105 mm – Qty 1

Dynamic hip screw L. 110 mm – Qty 1

Dynamic hip plate 135° - 4 holes L. 78 mm – Qty 4

Dynamic hip plate 135 °- 5 holes L. 94 mm – Qty 4

Dynamic hip plate 135 ° - 6 holes L.110

Package -12
Ambulance

Basic Life Support Ambulance Specifications

The Basic Life Support ambulance (Left Hand Drive) should be made on a CMVR or equivalent international agency approved Left Hand Drive Monocoqueor Chassis based vehicle. The overall length of the ambulance should not exceed 5500mm, excluding rear steps and bumper guard. The overall width of the ambulance should not exceed 2000mm, excluding mirror, lights and safety accessories. The overall height of the ambulance should not exceed 2800mm. including roof mounting equipment (viz. A/c etc) and excluding Radio Antenna. The finished floor (loading) height shall be a maximum of 750mm while ensuring that one person should be able to load and unload the supplied fully loaded ambulance cot into the ambulance seamlessly without the requirement of physical lifting of the cot at any end.

2. The diesel engine should meet requirements of EUO-IV or equivalent as per the country of origin of the base vehicle. It should be possible to maintain a sustained speed of 90 km/hr for the complete and fully equipped ambulance with air-conditioning on & all equipment, fitments & occupants loaded over dry, hard surfaced, level roads. It should be able to accelerate the fully loaded ambulance from 0 km/h to 70 km/h within 40s, when tested in accordance with IS: 11851-1986 as prescribed in AIS:125 or equivalent. The engine should produce minimum 110 HP power.

3. The length of the patient compartment apart from accommodating in all fixtures & equipment mentioned herein, shall provide unobstructed space at the head of the patient. A minimum of 250mm unobstructed space shall be provided from the end of the stretcher to rear loading door, to permit clearance for any traction or long-board splints. The minimum width of the compartment when measured at the centre point of the patient compartment shall be not be less than 1500mm and should provide 460 ± 150mm clear aisle walkway between stretcher / cot and the base of squad bench, with the cot located in the street side (non-centred) position.The patient compartment shall provide at least 1520 mm height over the primary patient area, measured from floor to ceiling panels. The interiors of the patient compartment should in self-colour and suitable for disinfection. Adequate lockage storage space for storage of supplies should be provided.

4. In the patient's compartment shall be air-conditioned. Windows shall be fitted with safety glasses complying with the requirements of IS: 2553 specified under Rule 100 of CMV (A) R, 1989 or equivalent.

5. A Squad bench with seat cushion and backrest suitable to accommodate minimum four sitting patients shall be installed along the side wall. The squad bench should be upholstered with water resistant washable cover and should have restrains for the sitting patients.

6. The ambulance shall have piped medical oxygen system (manifold) capable of storing and supplying medical grade oxygen. The manifold should have two oxygen cylinders (to be supplied) which should be at least B-type and should be changeable from outside the patient compartment. These cylinders should be individually connected to a pressure regulator each in such a way that one cylinder acts on duty and the other as a stand-by. Both these regulators should be capable of reducing the cylinder pressure to a static outlet pressure of 4.12 bars / 60 psi and should include a safety relief valve and a locking mechanism to prevent settings from being inadvertently changed. It should maintain accurate readings and calibrations during ambulance operation and not be affected by the temperature conditions.Minimum two medical oxygen outlets for the primary patient, flush with right side wall (distance between patient head and oxygen outlets to be less than 890mm) to be provided.

7. Each ambulance should have additional 'supplementary battery(s)' sufficient enough to power the non-OEM electrical load requirements of the vehicle. These batteries should be located at a suitable location outside the patient compartment and should be automatically charged by the vehicle alternator while the vehicle is on and via 220V external AC supply if connected when stationary. A permanently fitted automotive grade battery charger should be provided to enable charging of the supplementary batteries via external 220V AC supply whenever connected. A recessed external charge port with spring loaded lid (at least IP65 certified) suitable for connecting the external 220V AC power supply should be provided on the

exterior of the vehicle at a suitable place. A 10 Meter length, Three (3) core, 10 gauge / equivalent charging wire with high quality male three pin ends to be provided. This wire should be housed at a suitable and easily accessible location in the ambulance.

8. Patient compartment should be fitted with appropriate lighting such that normal white illumination within the patient compartment without outside ambient light shall not be less than 100 Lux (lx) when measured along the centreline of the clear floor. In addition to the signalling and lighting requirements as per the CMVR or equivalent international agency, the ambulance should have the following lighting fitments (12V):

- LED based flashing lights with top blue lens having minimum four LED flashers visible on both sides of the ambulance (integrated or enclosed in a light bar) mounted on the roof top. The LED flashers should flash cyclically using appropriate flashers.
- At least two LED flashers & one spot lamp on both sides of the ambulance as well as two flashers & a rear loading lamp on the rear wall of the ambulance mounted at the highest position feasible. (The rear loading light shall automatically be activated when rear doors are opened.)

9. A siren and public address system shall be installed.

10. Complete body exterior should be uniform white in colour and markings should be as per AIS:125 or equivalent or as specified by the buyer. All external marking should be retro-reflective in nature and materials used for the same should meet or exceed the requirements of ASTM D 4956, Standard Specification for Retro-reflective sheeting for Traffic Control, Section 6.1.1 for Type I Sheeting or equivalent. Guidelines in regards to Emblems and Markings for Ambulances issued by the Government of India or equivalent international agency from time to time shall be applicable. However, the quality parameters of the markings indicated above shall remain constant.

EQUIPMENT FOR BLS AMBULANCE

The basic life support ambulance must be supplied with the following equipment meeting or exceeding the stated specifications. All equipment & accessories being used in the ambulance including those in the Oxygen Delivery System should be US Food and Drug Administration (FDA) or European CE certified or BIS certified (unless mentioned otherwise). Any wall / floor / roof mounted medical equipment except components of oxygen delivery system must be fixed on OEM approved EN 1789 / 10G certified mounts

1. Ambulance Cot

(i) Roll-in Self Collapsing Ambulance Cot
(ii) The Ambulance Cot including all accessories should be EN 1865 Certified.
(iii) The stretcher assembly excluding the mattress & other accessories should be less than or equal to 50kg.in weight.
(iv) The stretcher should load seamlessly and no manual intervention vis-a-vis the locking mechanism, wheels, etc should be required after loading in the ambulance to close the rear doors.
(v) Should have at least three strap-type restraining devices (chest, hip, and knee) to prevent longitudinal or transverse dislodgment of the patient during transit.
(vi) Should be supplied with suitable accessories to fix the supplied portable oxygen cylinder
(vii) One number of folding IV Poles should be provided
(viii) The stretcher mattress should be water proof and upholstered with fire proof material.
(ix) The stretcher should be able to be guided in and out of the ambulance without any part of the stretcher (including the legs) striking any part of the ambulance body including the rear footstep. The loading angle of the stretcher should not be more than 16 degrees. If required, a suitable loading platform (not necessarily be made of ABS) may be provided to ensure the same.

2. Scoop Stretcher

(i) Net weight: <10 Kg.

(ii) To be supplied with a mountable & detachable 'Double Head Immobilizer'

3. Spine Board

(i) Should be X ray & MRI compatible

4. Foldable Carrying Chair (Wheel Chair cum Stair Chair)

(i) Net weight: less than 10 Kg.
(ii) Pull through, telescoping long handles built in to lift patients & carry them through narrow passages.

5. AED cum Monitor

(i) Wall Mounted Defibrillator with Manual & AED Capabilities.
(ii) Should be supplied with adult and paediatric accessories & cables
(iii) Should be able to deliver shock upto 200 joules through biphasic technology.
(iv) Should have charging time up to 200J in less than 10 seconds with a new fully charged battery
(v) Integrated Colour Screen displaying atleast the following parameters:
- SpO2 - Adult &Paediatric
- Heart Rate
- 3 Lead ECG
- Plethysmography

(vi) The ambulance wall mount should have built in charger with integrated DC charging module to directly charge the internal batteries of the device from the 12V ambulance batteries as soon as the device is placed on the bracket.

6. Oxygen Flow Meter with Humidifier

(i) Dial setting type without any floats, needles or moving parts to indicate the flow level.
(ii) Pressure compensated for inlet pressure range of 3 to 5 bar, be able to regulate the flow from 0 to 15 litres per min and should show the actual oxygen flow rate.
(iii) Installed vertically so as to not interfere with the other outlets and should be easily readable from the Doctor's/Paramedic' seat.
(iv) The inlet probe should be fully adaptable to the terminal outlet in the ambulance as well as to the outlet adapter of the portable oxygen cylinder specified below in the list of medical equipment.
(v) The outlet of the flow-meter should be universal in design to accept the humidifier, the flow selector switch or a direct connector
(vi) Should have a humidifier made up of an impact resistant polycarbonate bowl with cap and inlet outlet nipples
(vii) Should include a flow selector switch to bypass the flow of the oxygen through the humidifier and allow nebulization to the patient directly using the flow of the oxygen
(viii) Should be supplied with a direct connector to provide oxygen therapy without humidifier, insufflations kit and nasal prong

7. Suction Pump (Manual & Handheld / Foot Operated)

(i) Portable & Lightweight

(ii) Vacuum (max): 550mmHg.
(iii) Non disposable and auto-clavable container of minimum 250 ml connecting jar made out of polycarbonate with overfilling valve.
(iv) Maximum Weight: <1Kg

8. Suction Pump (Electronic)

(i) Electronic Suction device with ambulance mount
(ii) Control knob for continuously adjustable vacuum level up to atleast 550 mm. Hg starting from zero
(iii) Suction capacity of minimum 30 litre per minutes
(iv) Minimum 500ml. capacity secretion bottles with efficient over-flow protected
(v) Ambulance Wall / floor mounted
(vi) Rechargeable Battery with minimum capacity of 30 minutes
(vii) The ambulance wall mount should have built in charger with integrated DC charging module to directly charge the internal batteries of the device from the 12V ambulance batteries as soon as the device is placed on the bracket.
(viii) Should be supplied with Wide-bore tubing, rigid pharyngeal curved suction tip; Tonsillar and flexible suction catheters, 5F-14F

9. Self-inflatable Resuscitation Bags

(i) Should be made of silicon
(ii) Hand operated, self-re-expanding bags of minimum 1500 ml, 500 ml, 200 ml. capacities, with oxygen reservoir/accumulator, clear mask (adult, child, infant and neonate sizes); valve (clear, disposable, operatable in all weather conditions)
(iii) One each of all the three sizes
(iv) To be supplied in proper Carrying case

10. Mouth to Mask ventilation device

(i) Suitable for Adult, &Paediatric
(ii) Should have unidirectional valve

11. Oxygen Cylinder (Portable) with Oxygen Pressure Reducer

(i) Should be made of Aluminium/Aluminium alloy
(ii) Should be manufactured as per ISO-7866 and approved by the Chief Controller of Explosives, Government of India, Nagpur.
(iii) Max. Working Pressure at 15^{o} C: 150kgf/cm2
(iv) Water capacity: min 1L
(v) Should be supplied with cylinder key
(vi) Should be supplied with Pressure regulator with gauge and a built-in dial type oxygen flow-meter as well as pressurized outlet of the same type as those supplied in the ambulance with the ambulance oxygen system.

12. Nebulizer

(i) The oxygen flow-meter referred above should include a flow selector switch to bypass the flow of the oxygen through the humidifier and allow nebulization to the patient directly using the flow of the oxygen
(ii) An insufflations kit with appropriate nebulizer attachment should be supplied alongwith it.

13. Handheld Glucometer

(i) One unit with 100 units of disposable lancets/tips and Gluco Sticks
(ii) The brand provided should have supplies easily available across the state

14. Stethoscope

(i) Paediatric& Adult
(ii) Tuneable diaphragm and bell
(iii) Soft sealing ear tips

15. BP Apparatus (Manual)

(i) One Nos.
(ii) Manual, Dial Type
(iii) Supplied with regular/extra large and paediatric size cuffs

16. Pupillary Torch

(i) One Nos. with Spot illumination without peripheral ring of light

17. Thermometer (Digital)

(i) Battery operated
(ii) Measurable in Centigrade
(iii) Memory of the last reading

18. Pneumatic Splints

(i) Set of 6 adult sizes (Hand & wrist, Half arm, Full arm, Foot and ankle, Half leg & Full leg) with carrying case
(ii) X-ray through the splints
(iii) Inflatory tubes' extension with closing clamp makes closing easy and quick after inflation
(iv) Fixing of splint is by zipper or belt
(v) Distal end left open to expose toes
(vi) Should be washable and reusable
(vii) Should be supplied with the appropriate pump required to inflate the splints

19. Cervical Collar

(i) Rigid and should be suitable forpaediatrics and adults
(ii) Should be adjustable to ~~4~~ different sizes- Tall, Regular, Small & No neck
(iii) Should have pre-moulded chin support, locking clips and rear ventilation panel, enlarged trachea opening.
(iv) Should be high-density polyethylene and foam padding with one piece design enabling efficient storage where space is limited
(v) Should be X-ray lucent and easy to clean and disinfect

20. Manual Shear / Scissor

(i) One No.witheasy grip handlesfor ease of holding and operating.
(ii) Should be capable of cutting steel sheets up to 1 mm. thickness.
(iii) The total length of the device should not be more than 250 mm.
(iv) Certifications not mandatory

21. Artery Forceps 6" (Qty.: Two Nos.)

(i) 6”, high tensile stainless steel
(ii) Certifications not mandatory

22. Toothed Forceps 6"(Qty.: Two Nos.)

(i) 6”, high tensile stainless steel
(ii) Certifications not mandatory

23. Magill’s forceps

(i) Two sizes
(ii) High tensile stainless steel
(iii) Certifications not mandatory

24. Kidney Tray

(i) 18/ 8 Stainless Steel.
(ii) 500 ml capacity
(iii) Certifications not mandatory

25. First Aid Kit Bag

(i) Resuscitation & First Aid Kit Bag made of Nylon/tougher material having space for Emergency Airway Management and Resuscitation including essentials drugs, equipment & a portable Oxygen Cylinder of with regulator, etc.
(ii) Certifications not mandatory

26. Search Light

(i) Light Source: LED
(ii) Light Output: minimum 145 lumen
(iii) Construction: Super tough - chemical and heat resistant
(iv) It should be impact resistant at 1 m. andwaterproof to minimum IPX7 level
(v) Portable with Spot beam of minimum 400 metres.
(vi) Rechargeable battery operated
(vii) Battery capacity of minimum 60 minutes with peak intensity
(viii) Docking station style charging base which should be wall and vehicle mountable.
(ix) Should be chargeable from 12V DC
(x) Certifications not mandatory

Package -13

E.N.T. OPERATING MICROSCOPE

1. Heavy Mobile floor stand with mechanical brakes and good counter weight balancing system and locking device.

2. All the cables should be inside the stand and microscope arm for protection.

3. Manual magnification changer, 1:6 ratio in 5 steps.(Max. magnification up to 18.5x or more)

4. Field of View 25mm to 150 mm continuously variable.

5. Objective lens for 200mm,300mm and 400mm

6. Tilt able Binocular tube up to 180 degree(workable distance 200-500mm)

7. Stereo co-observer Tube

8. Facility for adjusting speed of the focusing motor to adapt for different magnification.

9. Microscope Head should be freely mobile to all the directions and can be maneuvered to laryngeal surgery.

10. **Xenon illumination** for day light character with **back-up** illumination of Xenon lamp with power supply preferable inbuilt in sturdy floor stand.

11. One Spare Xenon bulb

12. Any other accessory which is must for functioning of the equipment like continuous voltage stabilizer etc.

13. Voltage 230, frequency 50-60 Hz

14. All accessories should be from the same manufacturer and should be European CE/ US FDA approved

Package -14
Open Care System for Neonates

1. Description of Function
1.1 Required for care of new born and infants

2. Operational Requirements
2.1 Complete system with cart and oxygenation facility is required.

3. Technical Specifications
3.1 Essential parts: Cart & bassinet warming system with controls & alarms

Examination light Storage space- **1 sliding drawer or more with accessory tray below bassinet.**
2 platforms of the size 9ll x 12ll capable of holding up to 5 Kg of equipment Cart. Should swivel on 4 wheels of at least 5ll dia- with foot operated, 2 front lockable wheels.
Dimensions
Height: 180-200 cm
Width: 60-70 cm
Depth: 100-120 cm
Working level: 95-110 cm and adjustable
Bassinet: 1 fixed and 3 movable transparent side walls:
Portion above X-Ray cassette holder radiolucent
Mattress:
Width: **45-65cm**
Length: **60-70cm**
Minimum 4 cm
Material: Soft, Comfortable, easy to clean, radiolucent
Bassinet tilt in steps of 6 – 8 degrees, Trendelenburg or reverse Trendelenburg Warmer module swivel : 45-65 degrees on either side Warming systems
Modes: Manual & skin
Manual mode: Adjustable in steps from zero to 100 Skin mode
Method : Flexible, unbreakable skin temperature probe Set

Point range : 34 – 38 degrees C

Skin temp variability at Temperature equilibrium: + 0.2 degrees C

Skin temperature display Accuracy: + 0.2 degrees C

Type: digital LED with 0.1 degree resolution

Correlation of displayed and actual skin temp : difference __0.2 degrees C

Silence/ Reset switch: To silence the alarm & reset set point Alarms

Probe failure, Heat failure, High and low temperature, Power failure, System failure

Examination light : Illuminance 100 foot candles at mattress center

Storage space : 2 drawers, preferably covered and sliding

Pulse oximeter : to measure oxygen saturation and heart rate resistant to motion 88 artifact. Able to pick up signals in low perfusion states.

CPAP system : Flow driven With air oxygen blender and FiO2 control, with heated humidifier,

airway pressure display 0-15 cm H2O, With bonnet, cap and nasal prongs (10 of each size) for babies 600 gm- 4000 gms, with reusable circuits, with 1 reusable flow generator

Power requirement: 220/240 V AC, 50/60 Hz,

Accessories
I.V. line pole with pivot bracket: should be able to accommodate 2 fluid bottles
Monitor shelves: 2 in number
Should support up to 20 kgs total on single side
Standard X- Ray cassette holder: sliding holder located just below under surface of Bassinet, with markings to help placement of cassette
Patient Probes: 4 reusable temperature probes, 4 reusable oxygen saturation probes
2 patient extension cables for the saturation probes
Heater element should be made up of quartz with parabolic reflector

4. System Configuration Accessories, spares and consumables

4.1 System as specified

4.2 All consumables required for installation and standardization of system to be given free of cost.

5. Environmental factors

5.1 The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

5.2 The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%

6. Power Supply

6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug

6.2 UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up.

7. Standards, Safety and Training

7.1 Should be US FDA or European CE approved product

7.2 Manufacturer/Supplier should have ISO certification for quality standards.

7.3 Comprehensive warranty for 2 years and 5 years CMC after warranty. CMC would include all electronic and mechanical items including PCBs and heater elements. It should provide every year per unit four reusable temperature probes, four oxygen saturation monitor probes, 20 Flow generator, and CPAP circuit. Prices for all consumables – temperature probes, saturation probes, extension cable, heater element, halogen bulb, nasal prongs, bonnet, cap. Flow generator, and CPAP circuit should also be quoted separately and should be valid for 7 years

7.4 Comprehensive training for lab staff and support services till familiarity with the system.

8. Documentation

8.1 User/Technical/Maintenance manuals to be supplied in English.

8.2 Certificate of calibration and inspection.

8.3 List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual.

8.4 List of important spare parts and accessories with their part number and costing.

8.5 Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out

Package -14

TRANSPORT INCUBATOR, BASIC WITH BATTERY AND O2, W/O VENTILATOR

- Double wall transparent canopy with mattress, mount on stretcher
- Front and head access door, slide-out mattress tray
- With baby restraining straps
- Warm air circulation system
- Bacterial filter to remove air born particles
- Incubator air temperature monitoring and servo control: 25 to 38 C, increments 0.1 C
- Digital displays outside shows air temperature
- Two 10 L integrated oxygen cylinders, regulator and flow meter
- Audiovisual alarms: high/low air temperature, temperature sensor failure, power failure and low battery
- Construction dismantable allows frequent washing and disinfection of the incubator
- Battery and AC supported
- Power requirements: 220 V /50 Hz and internal re-chargeable batteries (autonomy approx 3 hrs, automatic recharge)
- Power consumption: 200 W
- Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions")
- Device is safety certified according CE 93/42, FDA 510k or equivalent (Certificate to be submitted, further details see "Technical Provisions")
- Supplied with:
- 1 x spare air temperature probe
- 1 x spare re-chargeable battery
- 2 x empty 10 L oxygen cylinders
- 1 x spare set of fuses
- User manual with trouble shooting guidance, in English
- Technical manual with maintenance and first line technical intervention instructions, in English
- List of priced accessories
- List of priced spare parts
- List with name and address of technical service providers
- Training and installation at end-user site
- 1 year warranty

Package -14

NEW BORN RESUSCITATION TRAY WITH RESUSCITATION KIT

Ambu Bag neonatal 250ml tidal volume.
Laryngoscope Miller Type blade SS size 0,1,2 - straight
Endotracheal Tubes size 2.5, 3.
Compatible Macgill's Forceps
Suction Catheter- Disposable 12nos.
Infant feeding tube – 12no. disposable
Oxygen Therapy Unit
Cylinder on trolley with humidifier & rotameter

SECTION -V

FORMATS

BID FORM

To: (Name and address of Purchaser)
IFB Ref.
PACKAGE Ref.: ……

Having examined the Bidding Documents including Addenda Nos., if any 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 and Installation schedule specified in the aforesaid bid document.

If our bid is accepted, we will submit performance security in a sum of equivalent to 10% of the Contract Price for the due performance of the contract.

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

We 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 bid document without deviations, both technical & techno-commercial.

Dated this…….. Day of…… 2012…….

(Signature) (In the capacity of)

Duly authorised to sign Bid for and on behalf of

_____
Signed

Price Schedule

PRICE SCHEDULE – A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED IN 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.) 4x5(g)
				5(a)	5(b)	5(c)	5(d)	5(e)	5(f)	5(g)	

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
				Price Per Unit							
Item	Brief description of goods	Country of Origin	Qty (Nos)	FOB Price at port/ airport of Loading	CIP Price at port/ airport	Customs Duty with CDEC & NMIC if applicable (To be reimbursed by the purchaser)	Customs Clearance & Handling	Inland Transportation, Insurance, loading/ unloading and incidental cost till consignee's site	Incidental Services (including Insurance, Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site	Total Unit Price = a+b+c+d+e+f	Total Price
				5(a)	5(b)	5(c)	5(d)	5(e)	5(f)	5(g)	4x5(g)

Total Tender Price: _____
In Words: _____
Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The Bidder will be fully responsible for the safe arrival of the goods at destination (consignee site) in good condition.

Indian Agency commission- _____% of FOB (included/excluded above)

Signature of Bidder _____
Name _____
Business Address _____
Seal of the Bidder _____

Place: _____ Date: _____

PROFORMA FOR PERFORMANCE STATEMENT
{For a period of last five years (1st October 2010 – 30th September 2015}

Bid No. _____ Date of opening _____ Time_____ Hours

Name of the Firm _____

Order Placed by (Full address of Purchaser)	Order No. and Date	Description and quantity of ordered equipment	Value of Order	Date of completion of delivery		Remarks indicating reasons for late delivery, if any	Has the equipment been supplied satisfactorily (Attach a certificate from the Purchaser/ Consignee)
				As per Contract	Actual		
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 installation certificates along with respective order copies & same shall be applicable for assessing single order execution criteria as per SCC clause 4A (iv) of this document.

Contract Form

CONTRACT FORM

THIS AGREEMENT made the ..... day of .....20..... between [name of Purchaser] of ..... [country of Purchaser] (hereinafter called "the Purchaser") of the one part and .....[name of Supplier] of ..... [city and country of Supplier] (hereinafter called "the Supplier") of the other part :

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz, ... [brief description of Goods and Services] and has accepted a bid by the Supplier for the supply of those goods and services in the sum of .....[Contract price in Words and Figures] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS :

1. In this Agreement works and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz. :

   a the Bid No.**HSCC/PUR/MEA - Myanmar/Equipment/2015 -16 dated 09.10.2015**

   b Bid Form and the Price Schedule submitted by the Bidder;

   c the Schedule of Requirements;

   d the Technical Specifications;

   e the General Conditions of Contract;

   f the Special Conditions of Contract; and

   g the Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of the defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Sl. No.	Brief Description of Goods & Services	Quantity to be Supplied	Unit Price	Total Price	Delivery Terms

TOTAL VALUE :

DELIVERY & INSTALLATION SCHEDULE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed and delivered by the

said _____ (For the Purchaser)

in the presence of : _____

Signed, sealed and delivered by the

said _____ (For the Supplier)

in the presence of : _____

MANUFACTURERS' SELF AUTHORIZATION FORM

No._____ dated_____.

To

_____
_____
_____
_____

Dear Sir,

IFBNO._____

Line Item 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 letter head of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

MANUFACTURERS' AUTHORIZATION FORM

No._____ dated_____.

To
_____
_____
_____
_____

Dear Sir,

IFB.No. _____

Line Item 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. Authorisation to be given to the one firm only, otherwise bid will stand rejected.

BID SECURITY FORM

Whereas .....1 *(hereinafter called "the Bidder")* has submitted its bid dated
..... *(date of submission of bid)* for the supply of ..... *(name and/or
description of the goods)* (hereinafter called "the Bid").
KNOW ALL PEOPLE by these presents that WE ..... *(name of bank)* of .....
(name of country), having our registered office at ..... *(address of bank)* (hereinafter
called "the Bank"), are bound unto **HSCC (I) Ltd., E-6(A) Sector – 1 , Noida***(name of Consultant)* (hereinafter called "the Consultant") in the sum of
_____ for
which payment well and truly to be made to the said Purchaser, the Bank binds itself, its
successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this
____ day of _____ 20___.

THE CONDITIONS of this obligation are:

1. If the Bidder
   (a) withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
   (b) does not accept the correction of errors in accordance with the ITB; or

2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the
period of bid validity:
   (a) fails or refuses to execute the Contract Form if required; or
   (b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders;

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

This guarantee will remain in force up to and **including forty five (45) days after the period of the bid validity,** and any demand in respect thereof should reach the Bank not later than
the above
Date: (Signature of the Bank)

_____
Name of Bidder

PERFORMANCE SECURITY FORM

To: HSCC (I) Ltd. (Name of Consultant) **WHEREAS**
..... (Name of Supplier) hereinafter called "the Supplier" has undertaken , in pursuance of Contract (Purchase order) No..... dated,..... to supply.....(Description of Goods and Services) hereinafter called "the Contract".

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

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

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of .... (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of ..... (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.
This guarantee is valid until the .....day of.....20……
Signature and Seal of Guarantors
……..
……..
……..
Date.....20…….
Address : ……..
……..

AFFIDAVIT/UNDERTAKING

I/ We have read and understood the instructions and the terms and conditions contained in the document. I/We accordingly accept all terms and conditions of the tender enquiry document including the essential conditions specially incorporated in the tender enquiry like terms of terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law. I/ We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities. I/ We do hereby declare that the information furnished/ uploaded is correct to the best of my/our knowledge and belief. I/ We also hereby certify that if at any time, information furnished by us is proved to be false or incorrect; I/ We are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money and blacklisting of our firm.

Date: (Signature of the bidder)

NAME & ADDRESS OF THE BIDDER

NOTE: To be submitted on non-judicial stamp paper of Rs. 100/- duly certified by Public Notary

Format of Compliance Statement

TECHNICAL COMPLIANCE FORMAT

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

Line Item No. **(1)**	**Technical Specifications as mentioned in the bid document** **(2)**	**Technical specifications of equipment offered by the bidder** **(3)**	**Compliance w.r.t. bid specification** **(4)**	**Deviation w.r.t. bid 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:

SECTION - VI

Consignee Receipt & Acceptance Certificate

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 and Purchase Order / Contract copy containing details of the equipment ordered.

1. Name of the item supplied :
2. Product No. :
3. Name of the Supplier/ Manufacturer :
4. a) Quantity supplied :
   b) Quantity supplied in damaged condition, if any
5. Place of destination :
6. Name and Address of the Consignee :
   along with Telephone No. & Fax No.
7. Date of the receipt of stores by consignee :
8. Signature of the Medical Superintendent :
   of Hospital with date
9. Name of the Medical Superintendent :
10. Seal of the consignee
11. Contract No
    :

CONSIGNEE ACCEPTANCE CERTIFICATE

(To be issued by Purchaser's representative/Consignee's authorised representative)

The following goods/equipment, supplied by the Supplier at this Hospital are as per the specification mentioned in the Purchase Order/ Contract and have been successfully installed, tested and commissioned by the Supplier including imparting training:

1. Description of the item(s) supplied :

2. Name of Supplier :

3. a) Quantity Supplied :

   b) Quantity supplied in damaged condition, if any :

4. Name and address of Consignee :

5. Date of receipt of Consignee :

6. Date of Installation, Demonstration and Training by Supplier :

7. Signature of the Medical Superintendent of Hospital with date :

8 Name of the Medical Superintendent

9. Seal of Consignee :

   Telephone Number of Consignee :

   Facsimile Number of Consignee :

10. Contract No.

SECTION - VII

Schedule of Requirement

Package No.	Equipment	Qty	Bid Security in Rs.
1	Anaesthesia Machines	2	143900
	Multiple Parameter Patient Monitor	3	
	Defibrillator with recorder	1	
	Multiple Parameter Monitor (neonatal)	4	
2	Diathermy	4	32000
3	OT Table – General surgery	1	50600
	Patient Trolley for Operation Theatre	4	
	Labour Table	4	
4	Fiber Optic Gastroscope (Complete)	1	50000
5	Flexible Laryngoscope with camera	1	40000
6	Endoscopic Sinus Surgical set	1	42000
7	Portable X ray machine	1	269000
	C arm with IITV	1	
	500 ma X-ray machine with Fluoroscopy	1	
8	ABG Analyser	1	20000
9	Auto Analyser	1	40000
10	B Scan Ultrasound Unit	1	38000
11	BASIC BONE SET (All Imported)	set	180000
	Instruments and Implants for 7.0 mm Cannulated Screws 1Unit (All Imported)	set	
	HEMIREPLACEMENT SET-austine moore prosthesis WITH IMPLANTS	set	
	INTRAMEDULLARY NAILING SET WITH FLEXIBLE REAMERS(All Imported)	set	
	WIRE AND PIN CUTTER SET	set	
	GENERAL SPINE SURGERY INSTRUMENTS	set	
	Dermatone Set	1	
	K Wire	Set	
	INTERLOCKING NAILS AND SCREWS: Femoral (Reccon style, universal),Tibital, Humerus solid and cannulated	Set	
	DYNAMIC COMPRESSION PLATES:	Set	
	DYNAMIC HIP SCREW INSTRUMENT SET (All Imported)	Set	
12	Ambulance (Transport)	2	188000
13	ENT Operation Microscope	1	50000
14	Open Care System	1	29000
	Transport Incubator	1	
	Neonatal resuscitation table	2	

DELIVERY, INSTALLATION and COMMISSIONING (GCC 9) :

Delivery and Installation of the Goods upto the site shall be made by the Supplier as per following from the date of placement of order or from the date of establishment of Letter of credit in favour of principals in case of imported origin Goods unless specified in IFB :

S. No.	Package No	Time Period
1	1 to 11 & 13 to 14	2 months (or from the date of establishing Letter of Credit in favour of the Principals in case of imported origin Goods)
2	12	4 months(or from the date of establishing Letter of Credit in favour of the Principals in case of imported origin Goods)

Details of the Consignee

Details of the Package	**Consignee**
Package No. 1{except Multiple Parameter Monitor (neonatal)} to 11 & 13 to 14	Sittwe General Hospital, Sittwe
Package No. 1{only Multiple Parameter Monitor (neonatal)}, 12	Yangon Children Hospital, Yangon Myanmar

Section -VIII

CHECK LIST FOR BIDDERS

(Bidders must fill-up this Section in all respects and submit with un-priced bid)

IFB No:

Package No.:

Sr. No	Document	Bidder's Confirmation (confirmed / not confirmed)	Page No. in the bid	Remark
1.	Bid document fee submitted.			
2.	EMD submitted along with details i.e. item no., item description, amount etc.			
3.	Bid form as per the Bid document submitted on the letter head of the company.			
4.	Manufacturer authorization form as per Format given in the Bid document on the letter head of the company.			
5.	Original copy of Power of attorney (on non- judicial stamp paper of appropriate value) of the signatory to the signing Bidding Document.			
6.	Copy of PAN			
7.	Certificate of Incorporation / Declaration being proprietary firm			
8.	Technical Compliance Statement submitted			
9.	Commercial Compliance Statement submitted			
10.	Audited Balance sheet & Profit and Loss statement **(duly signed by the auditor) for** the last 3 financial years			
11.	Full set of Bid document along with its Addendum / corrigendum, has been signed on all pages (with company seal affixed) and submitted with un-priced bid.			
12.	Price schedule has been filled-up strictly as per Format given in bid document.(submitted only online)			
13.	Copy of price schedule with prices blanked out has been submitted with un-priced bid			
14.	Affidavit			

Important Note:

1) All pages of bid submitted should be page numbered are indexed.

2) The bidder may also go through the check list and ensure that all the documents / confirmed listed above are enclosed in the bid and no column if left blank. If any column is not applicable, it may be filled up as NA.

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

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

1. Name of the Beneficiary & address : ----------

2. Name of Beneficiary's Bank : ----------

3. Name of Beneficiary's Bank Branch. : ----------

4. A/c No. Current /Saving : ----------

5. IFSC/RTGS/ECS No. of Beneficiary's Bank Branch. (Please give complete Number) : ----------

6. Account of Remittance : ----------

NOTE:-

1. The Bank should be Computer Based Service

2. Should be on Letter head of the vendor

3. A copy of Bank cheque in case of ECS.

(Signature of Beneficiary)

Name ----------

Designation ----------

Date ----------

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