

BID DOCUMENT

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

INTERNATIONAL COMPETITIVE BIDDING

**BID REFERENCE: IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2013 -14 dated
6th May 2013**

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

Date: 06.05.2013

FORWARDING LETTER

To
(Prospective Bidder) _____

Our Ref.: IFB No. HSCC/PUR/MEA - Myanmar/Equipment/2013 -14

SUBJECT: Invitation for Bids for Supply, Installation, Testing & Commissioning of Medical Equipment for 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe, Myanmar

Sir

1. Enclosed please find bid document for various items.
2. The date for the Bid receipt and opening will be as per Invitation of Bid (IFB). However, in the event of the day of receipt and opening of bid being declared a holiday, the due date of receipt and opening of bids will be the following working day at the same time.
3. The bidder is eligible to quote only for the Packages for which the Bid Security is submitted as per the relevant Clause of Instructions to Bidders.
4. Pre-bid meeting will be held on 16.05.13 at 1400 Hrs at HSCC (I) Ltd., E-6(A), Sector 1, Noida . Bidders are requested to bring with them any clarifications required in writing and submit the same during the Pre-bid meeting/discussions. Response to the queries, amendments/corrigendum/modifications, if any shall be displayed only on website <http://www.hsccltd.com> or <http://www.mea.gov.in> or <http://www.eprocure.gov.in>.

Kindly acknowledge the receipt of the Bid Document.

Joint Secretary – (DPA-III)

Encl:

1. Annexure-A – Important Clauses in brief.
2. IFB, Invitation for Bids (IFB) – Detailed
3. Section-I - Instructions to Bidders (ITB)
4. Section-II - General Conditions of Contract (GCC)
5. Section-III - Special Conditions of Contract (SCC)
6. Section IV-Description and Specification of Equipment
7. Section IV-A Layout plan for CT Scan, MRI and X ray Machine
8. Section V - Formats
9. Section VI- Consignee Receipt Certificate, Consignee Acceptance Certificate.
10. Section VII – Schedule of Requirement
11. Section VIII– Check list and ECS format

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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 2 years Comprehensive Warranty. |
| 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** - The bid form as per the format signed by the bidder shall supersede deviation(s) mentioned in other parts of the bid if any.

General Conditions of Contract (GCC)

- 10. Delivery and Installation** - Delivery and installation of equipment/ goods shall be from placement of order/ establishment of Letter of Credit within 4 Months for Package no.2,4 & 5 and 5 months for package no. 1 & 3 as per Clause No.9 of GCC.
- 11. Insurance** - 110% of Order Value as per Clause No.10 of GCC.
- 12. Payment Terms** - 80% & 20%, 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 April 2008 – 31st March 2013), 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 Orders only for which Copies are submitted by the bidder. End User Certificates/Client Certificates submitted by the bidder with bid shall be subject to the verification.
- 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 (2009-2010, 2010-2011 and 2011-12) 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.

- 19. Components & Quantities** - All components/ quantities of the line item must be quoted as per Clause 9 of SCC.
- 20. 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 05.05.13

Joint Secretary (DPA-III) Ministry of External Affairs Government of India on behalf of President of India through HSCC invites sealed bids in Single stage two bid systems for Supply, Installation, Testing & Commissioning of various Medical Equipment for (1) Yangon Children Hospital, Yangon (2) Sittwe General Hospital, Sittwe, as per following:

IFB Reference: HSCC/PUR/MEA - Myanmar/Equipment/2013 -14

S. No.	Name of the Item	Quantity
1.	CT Scan Machine – 64 Slice	2
2.	X Ray Machine – 500 ma	1
3.	MRI Machine – 3 Tesla	1
4.	BLS Ambulance	2
5.	OT sky lamp (Twin)	3

For detailed IFB and downloading of Bidding Documents (available from 06.05.2013 onwards) please log on to www.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in. A complete set of Bidding Documents in English may also be purchased from 06.05.2013 by any interested bidder from 1000 Hrs. IST to 1630 Hrs. IST on all working days on the submission of a written request to the HSCC (I) Ltd., Plot No. E-6 (A), Sector- 1, NOIDA, U.P and upon payment of non-refundable fee of Rs. 3500/- in the form of cash or Demand Draft from any nationalized bank drawn in favour of HSCC (India) Ltd. payable at New Delhi / Noida. The schedule of sale of Bidding Documents, Pre bid Meeting, date of submission and opening of bids has been given in the Bidding Documents. The detailed IFB, corrigendum/modification/amendments, if any, will only appear on websites www.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in.

Joint Secretary (DPA-III)

Ministry of External Affairs, Government of India

INVITATION FOR BIDS (IFB)

IFB Reference: HSCC/PUR/MEA - Myanmar/Equipment/2013 -14

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

Package No.	Equipment	Qty	Bid Security in Rs.
	Operation Theater		
1	CT Scan Machine (64 Slice)	2	2400000
2	500 ma X-ray machine with Fluoroscopy	1	120000
3	MRI Scan (3 Tesla)	1	2200000
4	Ambulance (Transport)	2	100000
5	OT sky lamp (Twin)	3	110000

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

Table - B

S. No.	Description	Schedule details
1.	Can be Purchased from	HSCC India Ltd. , E-6(A), Sector -1, Noida – 201301 during the working days from 06.05.2013 to 05.06.2013 between 10.00 hrs. to 16.30 hrs.
2.	Bid document can be downloaded from	www.hsccltd.com , www.mea.gov.in or www.eprocure.gov.in from 06.05.2013 to 05.06.2013
3.	Pre-bid meeting date & time	16.05.2013 at 1400 hrs.
4.	Venue of pre-bid meeting	HSCC (I) Ltd., E-6(A), Sector -1, Noida
5.	Pre-bid meeting query response date & time on the website mentioned above	23.05.2013 at website www.hsccltd.com , www.mea.gov.in or www.eprocure.gov.in only
6.	Last date & time for submission of bid	06.06.2013 by 1430 hrs.
7.	Techno-commercial opening of bids	06.06.2013 from 1500 hrs. onwards
8.	Venue of bid opening	HSCC (India) Ltd., E--6A, Block-E, Sector-1, NOIDA (U.P.) Ph No. 0120-2540153

Please log on to www.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in for copy of invitation for bids, items, detailed specifications, quantity, terms & conditions of tendering, Bid

Security, consignee and all other relevant details like date of bid opening, last date for submission of bid etc.

1. Bid evaluation will be made on the basis of total "All inclusive lump sum price" to be offered for each package. Any part/incomplete offer in respect of a particular package shall be rejected.
2. Bidders may quote for any one or more package. but must quote for full quantity of all the items in a package otherwise bid of the bidder will be rejected. Bid Security should be given separately for each package as indicated.
3. A specimen copy of the 'Bid Document' is kept available for the inspection (Free of cost) at HSCC (I) Ltd. E-69A), Sector-1 , Noida for the benefit of the prospective bidders.
4. The bidders should quote for each package as a separate bid.
5. Bids shall be evaluated separately for each package.
6. In case goods of imported origin, a foreign manufacturer can quote through their authorized Indian agent. For the Goods of Indian Origin Indigenous Manufacturer to quote themselves or through their authorised agent
7. A complete set of Bidding Documents in English may be purchased as per schedule specified in the above table by any interested bidder from 10.00 hrs to 16.30 hrs on all working days on the submission of a written request to the Chief General Manager (FA & Proc.), HSCC (India) Ltd., Plot No. 6(A), Block E, Sector-1, Noida, (U.P.) and upon payment of non-refundable fee of Rs. 3500/- in the form of cash or Demand Draft from any nationalized bank drawn in favour of HSCC (India) Ltd. payable at New Delhi / Noida. Bidding Documents requested by mail shall be promptly dispatched by Courier /Speed Post on payment of an extra amount of Rs. 200/-. HSCC will not be responsible for postal delay, if any, in the delivery of the document or non receipt of the same. Bidder may also download the bid document from the website www.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in and submit its bid by utilising the downloaded document, along with required non – refundable fee of Rs.3500/- in favour of Rs. 3500/- in the form of Demand Draft from any nationalized bank drawn in favour of HSCC (India) Ltd. payable at New Delhi / Noida. The bidder must submit the above mentioned bid document fee along with its bid failing which the bid submitted by the bidder shall be ignored. The bidder must refer ITB clause 9(B) of the bid document for details regarding payment of the bid document fee.
8. **The last date and time for submission of bid for various packages are also specified in the Table - B above at HSCC (India) Ltd., E-6(A), Sector -1 , Noida.** The Techno-Commercial bid shall be opened on the same day from **15.00** hrs. onward in the presence of participating Bidders or their representatives who chose to be present.
9. In the event of any of the above mentioned dates being declared as holiday/closed day in the purchaser's organization, the bid document will be sold/received/opened on the next working day at the appointed time.

10. A pre – bid conference will be held in the office of HSCC (India) LTD. E- 6(A), Sector-1 , Noida , U.P.on 16.05.2013 at 14.00 Hrs IST.

11. In case of difficulty in downloading the Bid Document from the website, the prospective bidder(s) may please contact to the HSCC (India) LTD. E- 6(A), Sector-1 , Noida , U.P.

MEA/HSCC reserves the right to accept or reject any or all of the tenders in full or in part including the lowest without assigning any reasons thereof or incurring any liability thereby.

The details advertisement & all subsequent updates, amendments, corrigendum's etc related to this tender will only appear on HSCC/MEA/Govt of India eprocure website.

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, Ref. No. **HSCC/PUR/MEA - Myanmar/Equipment/2013-14**, 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 (Detailed) (iii) Section I (ITB), (iv) Section II (GCC), (v) Section III (SCC), (vi) Section IV-Description & Specifications of Equipment, (vii) Section IV –A Layout plan for CT Scan, MRI and X ray Machine (viii) 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 (ix) Section VI - Consignee Receipt Certificate, Consignee Acceptance Certificate (x) Section –VII - Schedule of Requirement (xi) 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.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in.

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.hsccltd.co.in or www.mea.gov.in or www.eprocure.gov.in.
- 3.3 In order to afford prospective Bidders reasonable time to take the amendment into account in preparing their Bids, the purchaser may, at its discretion, extend the deadline for the submission of Bids.

4. **LANGUAGE OF BID :**

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

5. **DOCUMENTS COMPRISING THE BID :**

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

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

- i) Bid Security furnished in accordance with Clause 9 of ITB.
- ii) 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).
- iii) Statement of deviations parameter-wise from Tendered Commercial conditions.
- iv) Statement of deviations parameter-wise from tendered Technical specifications (Compliance Statement) if any.
- v) Authority Letter from manufacturer in case Bid is submitted by Agents;
- vi) Bidders to indicate Name and Address of their Bankers; and

- vii) Audited balance sheets in original or a Photostat copy thereof.
 - viii) 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.
 - ix) Performance statement along with the relevant copies or orders and the end user's satisfaction certificates.
 - x) 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;
 - xi) Proof of payment of Bid Document Fee as per clause 9[B].
 - xii) Documents as per the check list.
- b) Price Bid: The information given at Sr. No. 5 (a) (ii) above should be reproduced but with prices indicated. The prices shall be all inclusive 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, 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 two years comprehensive warranty 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. Government of Myanmar shall be responsible for the custom clearance of the equipment mentioned in the bid and after the clearance the same will be handed over to supplier for further delivery and installation at designated site.

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

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 place of destination), examination, stamp duty, local transportation and Insurance etc. and all other charges for services to be rendered as explained under offer for Indigenous goods. Customs handling & clearance will be the responsibility of 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. Indigenous Manufacturers to quote themselves or through their authorised 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**

- 9.1 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.
- 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. 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.

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

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

10.1 **Bids shall remain valid for 180 days** after the date of Bid opening prescribed by the Purchaser, pursuant to Clause 13. A Bid expressed to be valid for a shorter period may be rejected by the Purchaser as non-responsive.

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

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

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

11.1 The Bidder shall prepare single stage Two part bids, i.e. Techno Commercial Bid (unpriced) in duplicate and Price Bid in duplicate clearly marked as 'original' and 'copy' in addition shall enclose Bid Security in a single sealed third envelope.

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 later 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:**

12.1 SEALING AND MARKING OF BIDS:

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

12.2 The inner and outer envelopes shall be:

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

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

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

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

13.1 As indicated in the Press Tender Notice/IFB.

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

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

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

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

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

14.3 The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of ITB Clause 12. A withdrawal

(but not modification) notice may also be sent by cable or fax but followed by a signed confirmation copy, post marked not later than the deadline for submission of bids.

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

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

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

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

15.2 The Bidders' names, the presence or absence of the requisite Bid Security 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.

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.
The bid form as per the format signed by the bidder shall supersede deviation(s) mentioned in other part of the bid if any.
- 17.5 If a bid is not substantially responsive, it will be rejected by the purchaser and not considered further.
18. **EVALUATION AND COMPARISON OF BIDS:**
- 18.1 The Purchaser will evaluate and compare the Bids on the basis of techno-commercial evaluations followed by price bid evaluation.
19. **CONTACTING THE PURCHASER:**
- 19.1 Subject to Clause 16, no Bidder shall contact the Purchaser on any matter relating to its Bid from the time of the Bid opening to the time the contract is awarded.
- 19.2 Any effort by a Bidder to influence the Purchaser in the Purchaser's bid evaluation, Bid comparison or contract award decisions may result in the rejection of the Bidder's Bid.
20. **AWARD OF CONTRACT:**

20.1 AWARD CRITERIA:

Subject to Clause 22, the Purchaser will award the contract to the successful Bidder whose Bid has been determined to be techno commercially acceptable and lowest, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

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

The Purchaser reserves the right at the time of award of contract to increase/decrease the total quantity of Goods and services for which bids have been invited by up to 25% of their value (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 waived by reasons of the Goods having previously been inspected, tested and passed by the Purchaser or his representative prior to the Goods, shipment.
- 7.5 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.

Nothing in Clause 7 shall in anyway release the Supplier from any warranty or other obligations under this contract.

8. PACKING:

- 8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand without limitation, rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate the remoteness of the Goods' final destination and absence of heavy handling facilities at all points in transit.
- 8.2 The packing marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the

supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

- (a) a packaging note quoting the name of the purchaser
- (b) the number and date of order
- (c) nomenclature of the goods
- (d) schedule of parts for each complete equipment giving part number with reference to assembly

- 8.3 Notwithstanding anything stated in this clause, the supplier shall be entirely responsible for loss, damage, deterioration, and depreciation of the goods due to faulty protective & insecure packing and shall arrange for prompt replacement.

9. **DELIVERY and INSTALLATION:**

- 9.1 Delivery and Installation of the Goods at 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	2 ,4 &5	4 months
2	1 & 3	5 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) **80% of the invoice value** will be made within 30 days as per provisions in Clause GCC 15 on receipt of following necessary documents:
- 1). Country of Origin Certificate.
 - 2). Quality & Quantity Certificate.
 - 3). Packing List.
 - 4). Internal Factory Inspection Report.
 - 5). Warranty Certificate.
 - 6). ISO 13485 & 9001 Certificates.
 - 7). Copy of Airway Bill/Bill of Lading (in case of imported goods).
 - 8). Copy of Bill of Entry (in case of imported goods).
 - 9). Insurance certificate valid up to installation & commissioning of equipment at site
 - 10). ISO Certified Third Party Inspection Report for conformity to contract specifications.
 - 11). Invoice.
 - 12). Dispatch Clearance Certificate of MEA/HSCC.
 - 13). Consignee Receipt Certificate from Medical Superintendent of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe.
 - 14). Transportation Invoice.
- ii) **Balance 20% payment** subjected to clause 6.1 of ITB will be released within 30 days, upon receipt of satisfactory Installation &

Commissioning Certificate from consignee. 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 **80% 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) ISO 13485 & 9001 Certificates
- 7) Airway Bill/Bill of Lading
- 8) Insurance certificate valid up to installation & commissioning of equipment at site
- 9) ISO Certified Third Part Inspection Report for conformity to contract specifications
- 10) Invoice of LC amount
- 11) Dispatch Clearance Certificate of MEA/HSCC
- 12) Consignee receipt certificate as per the bid document format

Balance 20% of the net FOB value shall be released to foreign manufacturer through Irrevocable Letter of Credit after receipt of satisfactory Installation & Commissioning Certificate and Consignee Acceptance Certificate from Medical Superintendent of 1. Yangon Children Hospital, Yangon Myanmar and 2. Sittwe General Hospital, Sittwe.

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 supplies, 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 ensuring prudent inspection carried out from ISO Certified third party Inspection Agencies viz. LLOYDS/SGS/CSIO/ERTL etc. and proof of such documents submitted to HSCC for the goods inspected. Inspection Agency shall carry-out testing of equipment and submit test reports along with confirmation of point-wise technical compliance of the equipment with respect to tender specifications. MEA/HSCC on receipt of such documents shall issue Dispatch Clearance Certificate.**

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. ISO 13485 & 9001 Certificates
7. ISO Certified Third Party Inspection Report for conformity to contract specifications

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 impeding timely delivery of the Goods and performance of the Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice the Purchaser shall evaluate the situation and may at its discretion extend the supplier's time for performance by such period as the purchaser may think fit and shall in the case of Force Majeure extend such time by such period as the Purchaser shall consider fair and reasonable. Clause 14.1 stands extended to include this.

15. LIQUIDATED DAMAGES:

- 15.1 Subject to force majeure, if the Supplier fails to deliver, 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 deprive 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 or 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 other wise provided in the Contract. The supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevalent in India.

26.2 This warranty shall remain valid (subject to clause 26.4) for 24 months after the Goods have been satisfactorily installed & commissioned as duly certified by the appropriate authority, whichever is earlier. 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.
- 26.7 During the Warranty period, the supplier is required to visit the consignee's site at least once in 6 months commencing from the date of installation for preventive maintenance of the goods.
- 26.8 Nothing in this clause 26 shall affect the Purchaser's other rights under the Contract or in Law.

27 INSPECTION & TEST PROCEDURES:

- (i) The Stores will be inspected at 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 80% payment. The maintenance manual should give details up to component level and the faultfinding procedure with detailed illustrations.

31 JURISDICTION:

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

Special Note: (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. Deleted

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) Authorised Agent duly authorised by the Manufacturer for Indian origin equipment.
- iii) Indigenous Manufacturers to quote themselves or through their Authorised Agent duly authorised 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 past 5 years (1st April 2008 – 31st March 2013), 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 contact details i.e. name of person, phone/fax/mobile nos. etc. End User

Certificates/Client Certificates submitted by the bidder with bid shall be subject to the verification. Bidders shall also certify that they have not supplied equipment with similar specification to any other organisation, at prices lower than the rates offered in response to the present IFB.

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

B. Other eligibility requirements:

- i) Bidder should have a present installed capacity/sales capacity to match the delivery requirements.
- ii) **The Bidder should submit audited balance sheet and Profit & Loss Account along with auditor's report for the last 3 years (2009-10, 2010-2011 and 2011 - 2012) 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.**

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

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

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 April 2008 – 31st March 2013) 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 package 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 including all costs associated with the supply, installation and commissioning of the equipment.
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 on this account.

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.
18. The supplier/manufacturer shall be responsible to transport 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 2 years 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

1. Whole Body Multi Slice CT SCANNER (64 Row Multi Detector CT)

The Model offered should be High end model under current production, should be Slip Ring Technology. (Refurbished, Gold Seal Units will not be accepted.) The Offer should meet the Specifications as follows

Gantry :

1. The CT Scanner should have low Voltage Slip Rings incorporated in the Gantry
2. The Minimum scan time for a 360 Degree rotation should be less than or equal to 0.40 seconds. (400 Milli Seconds)
3. The gantry should have a minimum tilt of 30 degrees on either side and remote tilt should be available as standard.
4. The gantry should be provided with User control panels on either side for easy positioning
5. The sub millimeter Slice @ 0.63 mm or less in 64 Row acquisition should be available . ***(The system should be in position to perform 64 Slice / Rotation for all applications.)** The Systems with direct 64 Slices / Rotation acquisition will have an added advantage.
6. The Gantry should have 3D Positioning Laser lights.
7. The Scan field of view (FOV) in acquisition mode should be at least from 200 mm to 500 mm with intermediate Steps for scanning different anatomies.
8. Aperture should be at least 70 cm diameter.

X ray Section :

1. The X ray Generator should be compact and inbuilt in the Gantry.
2. The System X ray power should be 60 kw and above
3. **The MA range available should be between 10 to 450 MA or more with increments in steps of not more than 10 ma.**
4. **The X ray Tube should be essentially Dual Focus with capacity of at least 6 MHU. Liquid bearing X ray Tube is desirable. Any special feature of the X ray tube to be highlighted with literature.**
5. Specify the focal Spots of the X ray tube.
6. The X ray tube should have a cooling rate of not less than to 800KHU/Min
7. The X ray tube Cooler Unit should be in built in the Gantry

Detectors :

1. The Detector Offered should be Solid State. Specify the Material
2. **The Effective Elements/ Channels should be at least 650 per row. The 64/32/16 slice per Rotation should be possible with the detectors in 0.63 mm Mode . The Systems with 64 Physical Rows in the detector will have advantage.**
3. Specify the Fan Angle of the X rays and the geometry The detectors should not require frequent calibration.

Patient Couch :

1. The patient table offered should have a minimum load bearing capacity of at least 200 KG.
2. The Minimum table top height should not be more than 35 cms from the floor level for easy transport of trauma patients.
3. The Floating table top width should be atleast 42 cms for better comfort.
4. The range of metal free scan should be atleast 165 cms.
5. The vertical range should be atleast 55 cms (max height – min height)
6. Specify the reproducing accuracy of the table.
7. Remote UP/DOWN , FWD/BWD of the Patient Couch should be standard

Spiral / Helical Section :

1. **The system offered should have Spiral Capability of at least 100 seconds & above. Real Time Spiral @ 10 f/s should be standard.**
2. The range of Spiral facility in Axial Direction should be more than 100 cms.
3. The Reconstruction Time in Spiral scan should not be more than 100 Milli seconds.
4. The system should have the Smart Prep or equivalent facility & ability to track Contrast medium to trigger scan should be included in the scope of Supply
5. System should perform as standard at any of the chosen angles in Multi Slice Mode.
6. **Hi Res scan package of 0.63 mm or less should be offered as standard**
7. **Multi Slice CT Fluoroscopy with at least 3 Slice positions & Reconstruction @ 10 Images / Sec should be available.**

Computer Section:

1. The Computer offered should be the Latest Multi tasking Processors and a menu driven platform with a RAM size of at least 3 GB
2. The Monitor should be the latest Color of at least 18 inches and flat screen. Two Monitor Independent Console preferred. The Twin Monitor system should work on either shared or Common data base.
3. The display matrix should be at least 1024 / 1024.
4. The reconstruction time for a Axial scan should not be more than 100 Milli seconds .
5. The Hard disk Capacity for both Image and Raw data should be more than 500 GB
6. It should have facility to store at least 100,000 Images
7. The system should be supported with archiving facility of DVD & CD Main Console
8. DICOM facility to send , store , print , receive, Query / Retrieve , MWM , MPPS etc should be standard .
9. PC Based connectivity should be standard for easy transfer of Images & Report.
10. Additional Work station with at least 4 GB RAM , Archival on DVD / CD with Cardiac Recon , CT Angio graphy , Colonoscopy as well as DICOM Print should be included in the Scope of Supply.

Image Processing section :

1. The system should have standard software like 3D Volume rendering , MIP , CT Angio, Color Angio Display, Virtual Endoscopy, Colonoscopy, CT Perfusion , Dental scan , Bone Mineral Study should be available as standard on the Main console
2. The following soft ware should be offered as standard (MPR , ROI , VOLUME CALCULATION , CT NUMBER DISPLAY , WINDOW WIDTH , WINDOW LEVEL , TOPOGRAM DISPLAY , CINE DISPLAY , HRCT LUNG, DYNAMIC SCAN)

3. Cardiac Scan Attachment with ECG Gated Segmented Recon , Calcium score , Vessel Flythrough of the Coronaries should be included in the Scope Of Supply either in the Work Station or in the Main Console.
4. Automatic display of MPR Images after scan will be preferred.

Resolution :

1. The System Spatial Resolution should be mentioned with parameters.
2. The low contrast resolution should not be more than 3 mm at 0.5 %. Shoulder , Pelvis Streak Artefact suppression Software should be standard.
3. Noise Suppression protocols to maintain LCR at low dose should be standard.
4. Special Softwares (Like MA Modulation in Routine & Cardiac Mode) to ensure Dose efficiency should be standard.
5. Specify the CT Dose Index

Accessories :

1. Multi size Dry Laser Imager of any reputed make of atleast 600 DPI
2. Color Laser Printer of any reputed make.
3. Lead Glass of at least 2 ft by 4 ft
4. Stabilizer for the Entire system of suitable capacity
5. UPS with One hour back up of suitable capacity to handle CT Computer , Laser Imager , Work Stations , Color Printer .
6. Dual Head Pressure Injector of reputed make with 100 No: Syringes & Tubings.
7. Boyle's anesthesia apparatus for GA

Warranty :

1. Two Years for CT Scanner System including X ray tube and all accessories.
2. The offer should be accompanied by Original data sheet/brochure of the product .
3. All compliance to the Tender should be in the form of Original Data sheet or Original Certificate from the manufacturer. Items under Work in Progress will not be considered.
4. On Site Training and hand holding for the CT Technicians for a period of twelve Weeks/ three months.

Turnkey:

It shall be responsibility of the Bidder to alter the site towards the installation of the system. Turn key costs towards the installation should be mentioned separately. Turn key includes Site modifications, Wall tiles , Lead lined doors , Lead glass , Air conditioners , Power DP box , PVC flooring , False ceiling , Lights etc.

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

2 500 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 travel 30cm or more (± 15 cm),
11. Table top longitudinal travel 160 cm or more (± 80 cm).
12. Tilttable 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 $>3^{\circ}$ /per second.
16. Maximum Allowable patient weight 200 kgs.
17. Compressor cone with automatic parking position.
18. Oblique incidence up to $\pm 40^{\circ}$.
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.

1. 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 cabinet to hold different cassettes sizes from 5"x7" to 14"x 17" with moving grid 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.

INSTRUCTIONS:

1. Any civil and electrical work required at the site for installation of machine is to be done by the vendor including dismantling of preexisting machine if any at the site.

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

3 3 TESLA MRI SYSTEM

The vendor must quote the latest State-of-the-art MR System, as specified below.

1. Magnet

- (a) Field strength : Helium only 3 T superconducting Magnet along with Magnet Power supply Facility for quick shutdown of the magnet in case of emergency.
Mention the RF frequency.
Best homogeneity magnet available with the vendor should be quoted.
Field stability over time Should be <0.1 ppm/hr
- (b) Homogeneity : Best homogeneity possible should be given. Specify homogeneity in VRMS at 10 cm, 20 cm, 30 cm and 40 cm DSV and at max. FOV achievable with the quoted scanner. Should be very good for Single voxel and CSI spectroscopy. Automatic shimming in phantom should be better than 4 Hz in 10x 10 x 10 mm³ voxel.
- (c) Bore Size should be atleast 70 cm.
- (d) Active shielding/ Fringe field
- (e) Ext. Shielding Ext. interference shield (sufficient to house the Magnet, Anaesthesia and physiologic monitors) should be provided
- (f) Magnet Cooling System
 - I. Specify the boil off rate
 - II. Devices for helium level monitoring in the magnet should be supplied.
 - iii. Liquid helium should be supplied during warranty period and Comprehensive AMC.
 - iv. Cold Head maintenance and replacement during warranty period and Comprehensive AMC.
- (g) Shim System
 - I. High performance and highly stable shim system with global and localized manual and auto-shimming for high homogeneity magnetic field required for imaging (MRI / fMRI), spectroscopy (MRS), and magnetic resonance spectroscopic imaging (MRSI). 3D shimming for volume imaging and CSI.
 - ii. Auto shim (global and voxel shim) should take minimum time to shim the magnet with patient in position (specify the time).
 - iii. Specify number of shim coils including higher order.

2. Patient Table

- i. Computer controlled subject table movement in vertical and horizontal direction.
- ii. Subject table should be able to take at least 140 Kg load.
- III. Emergency manual traction of the subject from the magnet.

3. Patient comfort features

- I. Patient monitoring devices for ECG, respiratory, pulse rate, oxygen saturation, at the console etc. A comprehensive solution at patient side and at main console capable of gating the sequence protocols with respect to patient's heart and respiratory rates. Remote display of gating signals on magnet and at console.
- ii. Two-way Patient communication with headphone, microphone and necessary accessories
- III. Patient audio alarm
- iv. Lighting

- v. Music system (complete)
- vi. Separate MR compatible patient trolley (to transfer patient to the magnet table) and a wheel chair.
- vii. Closed circuit TV and CCD video camera for patient monitoring
- viii. Provide other standard patient comfort devices, with quoted system (please specify)

4. Gradient Systems

(a) General

- i. Actively shielded gradient system in X, Y, Z planes.
- ii. Minimum Gradient Strength should be 40 mT/m or more along each axis
- iii. In case of dual gradient systems, please mention the details in each axis separately.
- iv. Quote the minimum rise time at 40 mT/m.
- v. Slew rate should be: Equal to or greater than 200 T/M/s at 40 mT
- vi. Specify the linearity of the gradients at full FOV.
- vii. 100% duty cycle for full FOV.

(b) Resolution parameters

- i. Specify the minimum and maximum FOV achievable for the quoted MR system (preferable to have 5 - 400 mm FOV).
- ii. Specify min. slice thickness in 2D and 3D modes at 128x128, 256x256, 512x512 and 1024x1024 matrices (quote higher matrix resolution, if available).
- iii. The system should be capable of performing single shot EPI (in 64x64, 128x128, and 256 x 256 matrixes) including conventional and fluoroscopic imaging in the three orthogonal and also oblique planes.
- iv. Effective cooling system for gradient coil and power supply. The system should have efficient and adequate provision for eddy current compensation.

5. RF

(a) General

- i. Wideband (or modular) transmitter to cover 1 H
- ii. Specify max. transmitter RF power available (500 impedance)
- iii. Minimum 32 independent RF channels capable of producing 32 independent images. Please provide the coils that use this configuration.
- iv. Specify the RF receiver bandwidth for each channel. RF bandwidth to be sufficiently large for 256x256 single shot EPI.
- v. The system should have necessary hardware to support for quadrature phased array and flex coils.
- vi. Necessary hardware and software interface for adoption and use of home built RF coils (all the required formalities should be completed during installation of the MR system to operationalize the agreement) along with manuals for coil-code programming (if any).

(b) Coils (in addition to the in-built body coil).

The number of channels and number of elements for each coil should be the maximum that the vendor has in their product list.

All coils should be compatible for parallel acquisition

- i. Head array coil (32-channel)
- ii. Neck array coil (4-channel or more)

- iii. Spine array coil (12 Channel or more)
- iv. Body array coil / Phased Array coil (8 Channel)
- v. Breast array coil (4 Channel or more)
- vi. Shoulder array coil (3 Channel or more)
- vii. Dedicated wrist coil
- viii. Extremity coil (also capable of knee imaging) (8 Channel or more)

6. Computer control system

(a) Host Computer and Array Processors

- i. Latest state-of-art computer system with sufficient RAM (~4GB) and computational speed to match the single shot Echo Planar Imaging (EPI), interactive angiogram, multi-planar three dimensional (3D) reconstruction, surface rendering and dynamic imaging, vascular imaging/angiography, and adequate storage for images and other applications.
- ii. Necessary image processor with sufficiently large RAM
- iii. (>= 4 GB) for ultra-fast image reconstruction, capable of performing real-time image reconstruction.
- iv. Total hard disk memory capable of storing minimum of 1,00,000 (one lakh) images.
- v. Monitor 19" or more TFT monitor with enhanced graphics accelerator.
- vi. One measurement console capable of data acquisition, all online calculations, post processing including MIP, MPR, spectral and tensorial analysis, DTI post-processing and analysis, Tractography, EPI based functional imaging, real-time fMRI, spectroscopy (all licenses, including breast spectroscopy, etc), filming etc. Specify the licenses individually.
- vii. Licenses for acquisition, post-processing and for special packages should be given explicitly, listing all the capabilities of the vendor's quoted product (basic standard package, premium packages, etc). The main console/workstation should have pulse sequence software license that may be required to modify and run pulse sequences. Appropriate procedures (like research agreement) should be finalized before the installation of the equipment, so that there is no delay in operation of any requirement.

(b) Additional workstation :

One workstation with colour TFT display (18" or more) with evaluation capabilities like MIP, MPR, surface reconstruction, spectral analysis, perfusion and diffusion studies, tensor mapping, tractography, 4D ventricular function, spectroscopy post-processing (SVS, CSI, metabolic imaging), etc. Specify clearly the algorithms that require extra license and list them whether these have been included or not. Filming also should be possible from this work station.

(c) CD/DVD archival

- i. DVD RW drive for writing of images, spectra and raw data along with the necessary software for reading the images and spectra on DVD/CD storing capabilities.
- ii. Provision for archival ofk-space data and raw (unprocessed) images.

(d) Networking

10BaseT/100BaseT/1 GB network.

Protocol - Ethernet TCP/IP standards - based image transfer with DICOM 3.0 over standard Ethernet IEEE 903 (DICOM send, receive and DICOM query modes).

(e) Film Documentation

DICOM interface to hook DICOM compatible, dockable, latest state-of-art Dry Laser Camera with more than 600 dpi, capable of storing/printing images of 1024 x 1024 (or higher, if available) matrix size in various matrix formats (including 16 format) without loss of digital resolution to be made available on any of the consoles and on the films.

(g) Data archival for long time storage

Data Archival system (server with hot swappable drives) for archival & storage of image and spectroscopy with a storage capacity of 10 TB. System should have database software for maintaining the demographic patient data and recalling the same. It should also have DVD writer facility for copying specific patient data on DVD/CD.

7. Data Acquisition

- a. The system should be capable of 2D and 3D acquisitions in conventional, fast & ultra-fast spin echo and gradient echo modes so that real-time online images can be observed if needed.
- b. 2D multi-slice imaging should be possible in all planes (axial, sagittal, coronal, oblique and double oblique)
- c. Up to 1024 x 1024 matrix acquisitions preferred for all applications
- d. Half Fourier or other techniques to reduce scan acquisition time while maintaining adequate SNR.
- e. 3D volume, multiple contiguous slabs, multiple interleaved and multiple overlapping slabs.
- f. Slice thickness in 2D and partition in 3D to be freely selectable.
- g. Dynamic acquisition (serial imaging) with capability to initiate scan sequences either from the magnet panel or from the console.
- h. Dynamic acquisition: number of repeat scans with delay time either identical time interval or selectable
- i. Auto slice positioning from the localizer images.
- j. Maximum-off center positioning both anterior-posterior and lateral direction and should be selectable.
- k. Gating: physiological signals like ECG, pulse, respiratory, external signal triggering (interface for triggering input pulse from external source). The provision should be available at the console also (for MRI, EEG, etc).
- l. Simultaneous acquisition, processing and display of image data in 2D multi-slice mode.
- m. Selection of voxels from oblique slices should be possible while doing spectroscopy.
- n. Artifact reduction/imaging enhancement/image filtering/image subtraction/addition/multiplication/division techniques:
- o. Flow: 1st and 2nd order flow artifact compensation
- p. Presentation slabs: a number of relocatable saturation bands to be placed either inside or outside the region of interest
- q. Graphic prescription.
- r. Fat saturation techniques: frequency selective RF pulses to suppress fat signals in the measured image FOV. ROI selective (regional) fat suppression should also be given.

- s. Magnetization transfer saturation: Off resonance RF pulses to suppress signals from stationary tissue in FOY
- t. Phase contrast capability in 2D and 3D mode
- u. Image intensity correction
- v. Breath hold acquisition
- w. EPIMODE
- x. Data acquisition in all three standard planes (axial, sagittal, coronal) and oblique and double oblique planes or more oblique planes.
- y. Higher matrix acquisition capability in single shot EPI. Acquisition time, TR, TE and slice thickness should be clearly mentioned and supported by data sheet reference.
- z. The vendor should offer multi coil acquisition in order to optimize throughput increase and increased effective FOV. Individual acquisition elements of every coil should be mentioned.

8. Imaging Pulse Sequences

- i. The system should be capable of selecting TR and TEs as per requirement in majority of the pulse sequences.
- ii. Spin echo (SE): multi-slice single echo, multi-slice multi-echo (8 echo or more), SE with symmetrical and asymmetrical echo intervals and fast spin echo. MT -SE imaging sequence.
- iii. Inversion recovery (IR): including short TI modified IRSE, FLAIR, DIR (Double Inversion Recovery).
- iv. Gradient echo (GE): with transverse gradient/RF spoiling, and transverse gradient re-phasing, e.g., GRASE or equivalent etc. 3D gradient echo with shortest TR and TE, free choice of flip angle selection, while maintaining SNR.

Fast sequences:

- v. Fast spin echo and GE sequences in 2D and 3D mode with T1, T2 and PD contrast capable of acquiring maximum number of slices with a given TR a minimum TE, echo train should be at least 128 or more in fast spin echo mode
- vi. Half Fourier acquisition capabilities should be available with/without diffusion gradients and in combination with fast spin echo
- vii. Fast inversion recovery with spin echo
- viii. Fast gradient spin echo IR multi-slice multi-echo mode with maximum ETL. Sequences should incorporate RF focusing to acquire ultra-fast gradient spin echo.
- ix. Fast gradient echo sequence should incorporate RF spoiling and other technique to acquire images in ultra-fast 2D and 3D modes.
- x. Fat and water suppressed imaging sequences.
- xi. EPI optimized sequences (with and without fat suppression)

- xii. For T1, T2, PD imaging, perfusion, regular diffusion values (atleast 5b, 3 directions) EPI-FLAIR, EPI-JR, EPI-FLAIR diffusion tensor, EPI-MT -FLAIR, tensor diffusion (atleast 16 b values in minimum 32 directions) and diffusion studies. Suitable artifact/fat suppression techniques to be incorporated in the sequence to have optimum image quality. There should be capability of calculating ADC map (isotropic and anisotropy from the regular diffusion and tensor data).
- xiii. Optimized sequence package for special applications:
- (a) MR angiography: 2D/3D TOF, 2D/3D Phase contrast (with and without gating) and magnetization transfer saturation, black blood angiography for cerebral, pulmonary, abdominal and peripheral vessels.
 - (b) For peripheral moving table angiography should be offered covering hip to limbs to be examined in one go with high resolution and high SNR.
 - (c) Bolus tracking software package.
 - (d) Sequences for breath hold angiography with contrast enhancement.
 - (e) Sequences for time resolved angiography with contrast kinetics.
 - (f) Contrast bolus tracking (including single shot whole body MRA, interactive and automatic tracking, etc.).
 - (g) Deleted
 - (h) Sequence package for diffusion including DTI (tractography) study in organs like brain, kidney, muscle, heart, spine, breast, prostate, etc.
 - (i) Perfusion study in organ systems like kidney, brain, heart etc. with TI perfusion with permeability maps, and quantitation of rCBFI rCBY, MIT, etc, with color maps.
 - (j) There should be capability of calculating ADC map (isotropic and anisotropic from the regular diffusion and tensor data).
 - (k) MR diffusion tensor imaging package with tractography
 - (l) MR neuro functional imaging sequence package (incl. Mosaic, etc)
 - (m) Flow quantification in vessels and CSF, hepatobiliary system
 - (n) Fly-through facility with Flow analysis including display of various velocity values.
 - (o) Optimized breath hold sequences for abdominal studies including angiogram.
 - (p) Sequence for internal ear imaging for visualization of fine structures like cranial nerves (appropriate sequences like crss, etc or equivalence). Mention the sequences provided.
 - (q) MR Cholangiography and Pancreatography: Specialized sequences and processing to perform MRCP.
 - (r) Pulmonary 20/30 MRA sequence, including single breath hold sequence.
 - (s) MR ventriculography and cisternography, myelography.
- xiv. Parallel acquisition techniques including new sequences. Specify the technique used and the factor by which the acquisition time is reduced for similar acquisition with and without parallel imaging technique. Mention the sequences.
- xv. Flow quantification packages for CSF with dynamic CSF flow imaging, aqueduct and spinal canal.
- xvi. Radial/Spiral pulse sequences for ultrafast imaging.
- xvii. Suitable artifact/FAT suppression techniques to be incorporated in all the sequences to have optimum image quality.
- xviii. A sequence for differentiation of fluid and cartilage in ortho applications (sequence like OESS or equivalent)
- xix. Susceptibility artifact correction techniques to be incorporated in all the sequences to have optimum image quality.

- xx. Sequences for susceptibility imaging
- xxi. Sequences for imaging of prostate, breast, etc
- xxii. Sequence for in-line motion correction for uncooperative patients/ children (with software and acquisition - sequences like BLADE, PROPELLAR, k-t BLAST or equivalent)
- xxiii. Software and hardware along with License to develop and modify pulse sequences, and licensees) and provisions to execute the same on the MR scanner.
- xxiv. Sequence with ultra short TE
- xxv. Sequence for nullifying CSF pulsation artifacts
- xxvi. Sequence enabling prospective motion correction in quick time and in real time during fMRI
- xxvii. Sequence employing arterial spin labeling (ASL) technique

9. Special Application Packages

The vendor must provide their specialized and optimized imaging sequences with post-processing packages for (i) neuro, (ii) body, (iii) breast, (iv) oncology, (v) cardiac, (vi) angio, (vii) ortho, (viii) pediatric and other applications. For example, this includes packages like optional/premium/advanced/application suite/etc.

10. M R Spectroscopy

- i. System should have capability to perform proton spectroscopy and multiplanar, spectroscopy along with optimized sequences and software for post processing and evaluation, including single-voxel/ multi-voxel/ global spectroscopic estimation quantitatively.
- ii. Sequence for single-voxel acquisition and multi-voxel MRS.
- iii. Sequence for simultaneous single-voxel acquisition with multivoxel (CSI).
- iv. CSI [2-D and 3-D] and metabolite mapping with all necessary RF sequences and post-processing algorithms.
- v. Post processing should include FFT, base line correction, curve optimization, automatic phase correction, metabolite imaging, spectral mapping, magnetic resonance spectroscopic imaging (molecular imaging) with naming and peak integral values for all in-vivo metabolites.
- vi. Spectroscopic sequences and full post processing algorithms for prostate, breast and neuro applications.
- vii. Water and lipid suppression in automated sequences.

11. Post-processing and evaluation.

Licenses of all the postprocessing and evaluation packages should be provided for the main and satellite console/ workstation.

Specify clearly number wise the algorithms that need licenses and a statement whether these have been provided in both the main console and the work station.

Please give details of packages offered.

- i. Multiplanar reconstruction (MPR) in any arbitrary plane including curved planes with freely selectable slice thickness and slice increments.
- ii. Surface Reconstruction and evaluation on reconstructed images with minimum time.
- iii. MIP in 2D and 3 D mode, targeted/segmented MIP in any orthogonal axis with minimum processing time and capable of displaying in cine mode
- iv. Deleted
- v. Evaluation and display of diffusion images, ADC map, fMRI in reference of EPI optimized sequence.

- vi. Voxel-based morphometry for segmentation and quantification.
- vii. Perfusion image evaluation with time intensity graph and other statistical parameters.
- viii. Evaluation package for calculating rCBV,rCBF;MTT, perfusion map, etc.
- ix. Flow quantification and evaluation for vascular (high & low) CSF, bladder outlet and cine display.
- x. Evaluation of functional Images of brain with appropriate statistical algorithms, colour display and overlay on base anatomical images.
- xi. Software for evaluation of functional mapping [BOLD evaluation] and neurometabolite mapping. Superimposition on Neurotractography geometry and tensor diffusion field on both functional mapping and neurometabolite mapping.
- xii. Post-processing package for DTI and tractography.
- xiii. Image statistics: Measurement of distance, area, volume, angle, mean, SD, image addition, subtraction, multiplication, division, interpolation, segmentation, threshold, histogram.
- xiv. Image filtering and Image fusion software.
- xv. Software for co-registering MRIIfMRIIMRS/Metabolite mapping images with images from CT, PET, and SPECT.
- xvi. Evaluation features like zoom, rotation, scroll, roaming, image synthesis, multi point T1 and T2 calculation (more than 8) window stretching, text dialogues graphics, sorting, searching, archiving, recalling etc.
- xvii. Full post-processing for single-voxel MRS, CSI (multi-voxel MRS), metabolite mapping with colour coding (metabolic images).

12. Quality assurance and Phantoms

- 1. Phantoms for routine quality assurance for all coils (including body coil)
- ii. Spectroscopy phantoms for important short echo time neurometabolites, breast and prostate.
- iii. Quality assurance as per AAMP standard for SNR for different coils and nuclei, spatial resolution, magnetic field inhomogeneity, eddy current compensation, RF power and inhomogeneity measurement. Specify the details of the QA package.

13. Accessories

- i. Hand held metal detectors (2 Nos.)
- ii. MR compatible (min. 2000 Gauss line limit) cardiac and physiological monitor (ECG, NIBP, SP02,) with both pediatric & adult probes with MR compatible ECG electrodes(2000 in number).
- iii. MR compatible (min. 1000 Gauss line limit) syringe/infusion pump.
- iv. MR Compatible Dual Pressure injector (min. 2000 Gauss line)with 300 spare syringes & tubings.
- v. MR compatible anaesthetic system (for Paediatric and adults use) with dual vaporisers (for isoflurane, halothane), and other accessories including MR compatible patient trolley, gas cylinder, I/V stand, pediatric incubator and laryngoscope.

14. Optional Items

- (a) **Functional MRI package:** Complete fMRI solution including audiovisual projection (3D capable) system fitted on the 32-channel head coil, along with stimulus presentation licensed software (like Superlab, eprime, Presentation), with post-processing workstation / server with post-processing software and hardware associated, with

licenses for Brain voyager and licensed operating platform required (like MATLAB, IDL, etc); The package should be from Resonance Technology Inc. (mrivideo.com) or Eloquence or Nordic neurolab or equivalent.

15 . WARRANTY PERIOD

- (a) The equipment should have 24 months warranty from the date of handing over the fully functional unit of all coils and the accessories supplied (such as UPS, AC, Generator, etc.) to the Institute, against manufacturing defects of material and workmanship. The Helium Supply and cold head repairs (including replacement, if needed) should be included in the warranty period.

Turnkey

It shall be responsibility of the Bidder to alter the site towards the installation of the system. Turn key costs towards the installation should be mentioned separately. Turn key includes Site modifications, Wall tiles, doors (MRI Compatible), Air conditioners, Power DP box , PVC flooring , False ceiling , Lights, Laying of cable etc. and any other work for the complete installation of the equipment.

4**BASIC LIFE SUPPORT (BLS) AMBULANCE****I. Vehicle:-**

1. As per specification (Annexure-I).
2. The bidders should have the experience. of fabricating the ambulance with installation of equipment for the Govt. Agencies.

II. The specification relating to the fabrication of the ambulance is as under :-

Interiors	- As per Specification (Annexure II)
Electrical System and power back up	- As per Specification (Annexure III)
Central pipe line oxygen system	- As per Specification (Annexure IV)
Stretcher	- As per Specification (Annexure V)
Air Conditioning –Heating	-As per Specification (Annexure VI)
Medical equipment	-As per Specification (Annexure VII)
Miscellaneous gadgets	-As per Specification (Annexure VIII)

ANNEXURE-I

SPECIFICATION OF THE VEHICLE FOR AMBULANCE.

Engine	4 Cylinder, DI, Turbo Charges with Inter Cooler, Electronical Diesel Control, Bharat Stage - IV Compliant
Displacement	2500 - 3500 CC
Max Torque	190 - 200N m@ 1600-2100rpm
Compression ratio	15.01-20-01
Clutch	
Type	Single Plate, Dry Friction, Hydraulically actuated
Outside Dia	230-250
Transmission	
Type	Gear lock synchromesh on forward gears
No of Gears	5 Forward 1 reverse
Steering	
Type	Worm & Roller Type, Power Steering ,
Turning Radius	6-8 m
Frame	Monocoque Required
Drive	The Ambulance shall be left hand drive.
Suspension	
Front & Rear	Semi Elliptical Leaf Springs with hydraulic telescopic shock absorbers. Anti Roll Bar in Front
Brakes	
Service Brakes	Dual Circuit Hydraulic, Vacuum Assisted
Front	Disc Brakes
Rear	Drum Brakes
Parking Brakes	Mechanical on rear wheels
Wheels & Tyres	Four & One Spare
Size	215 Radial 14, 10-15PR
Electrical System	
System Voltage	12 Volts
Battery	Lead Acid 70-90 Ah
Alternator	65 Amp @ 12 - 13.5 Volts & 6000 rpm
Starter	12V, 2-3 KW
Fuel Tank	60-90 Litres
Dimensions (MM)	
Wheel Base	2500-3500mm
Overall Width	1900-2200mm
Overall Length	4500-6000mm
Over Height	2400-2800mm
Min. Ground Clearance	180-210mm
Weight (Kg)	
GVW	3000-5500 Kgs. Minimum

ANNEXURE-II**(A) INTERIORS**

Interiors of ambulance may be as follows:-

- (i) Colour - To complement the basic design of ambulance in reference.
- (ii) Linings of wall, roof fibre reinforce profile i.e. fibre sheets with provision for mounting of light equipment, electrical switches. It should have a good thermal and Acoustic barrier. Insulation should be of polyurethane/ Glass wool. Between the interior conversion panels and the internal surface of the base vehicle body there should be adequate insulation of appropriate grade to have a good climatic control environment inside the vehicles.(between 15 to 60 mm of insulation of fire resistant glass wool/ Polyurethane.)
- (iii) Flooring - (1) Antiskid flooring
(2) Colour match with interiors
- (iv) Window curtains - Self -winding sunshade curtains on side windows and its colour should match with interiors.
- (v) Doctor's Chair - Reclining with Hand-rest
Adjustable with rear belt
Covering should be of Soft leather (Form Cover)
- (vi) Waste Bin – Single, Detachable
- (vii) Attendant's seat - - 3 seater with head, back rest with flat belts.
- (viii) Cupboards-
 1. Laminated light colored finish for the cupboard matching with the interiors
 2. Labeling of place for equipments, drugs, medical accessories in the cupboard.
 3. Lockable shutters of the cupboard
 4. Opening of cupboards should not make any hindrance with the patients and doctors movement, equipment operation should be provision with magnetic look.
 5. Separated Cabinet made of FRP should provide for equipment so to isolate equipment from other patient handing system.
 6. Interior minimum of Length - 2700 mm
Width - 1500mm
Height - 1500 mm
- (ix) An intercom be installed between doctors and Driver Cabin for Communication.
- (x) There should be two small handle at the entry of the ambulance fro the rear for the purpose of 'getting in' the ambulance.
- (xi) (I) Fire extinguisher (2) One each for driver and doctor cabin.
Floor strips/locking system compatible with combicot stretcher.

Inspection of Equipment will be done to check the compliance of the specification of Ambulance. Third party inspection cost is to be borne by supplier.

Construction of Ambulance is Monocoque type.

The minimum thickness at any point of the Flat panels FRP sheet should not be less than 3 to 3.5 mm. The ceiling, both the sidewalls, both sides of the partition wall should be produced in one single piece matching to the dimension of the patient compartment dimension of the ambulance.

Technical drawing of the installation of Medical equipment to be provided by the supplier and will be subject to suitable correction by technical committee before the actual fabrication of Ambulance Compartment.

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The internal furniture layout must include a washbasin made up of SS material

The water tap of the washbasin should be operated with a foot / elbow switch at a convenient and safe place around the wash basin area, so that it is easy for the users to activate the switch and get water flow. The tap should be operated using 12V DC water pump placed at the fresh water tank. The capacity of the fresh water tank as well as the waste water tank should be at least 20L.

ANNEXURE - III**B) ELECTRICAL SYSTEM AND POWER BACK-UP**

Electrical system should be able to take load of various equipment installed in the ambulance as per specification enclosed. The detailed specifications are as follows:

- (i) Sockets (15 Amp), switches in each corner of ambulance and total No. of sockets, 220 V, AC (10) and 12V DC (4 sockets).
- (ii) Sockets and switches for each medical equipment as specified. Site of Socket and Switches, next to oxygen outlet panel.
- (iii) Proper illumination of inside of ambulance on the roof and side panel and should be controlled by Central Control panel with ISI Switches.
- (iv) Wiring to be fire resistant type (ISI).
- (v) Wiring to be equipped with safety fuses (MCB). Electrical overload protection to be installed.
- (vi) Provision for AC and DC points for charging the equipments (on battery mode).
- (vii) 1K V inverter ISI to be installed for use when vehicle in standing idle with backup time of 6 - 8 hrs.
- (viii) Existing alternator to be upgraded to an alternator of 135 Amp (or 24V DC, 65 amps alternator), which is enough to handle electrical load of ambulance. The mounting system of alternator should be modified to house the bigger alternator
- (ix) Sirens- Blinders- Alarms,
- (x) An electrical extension board may be provided with 5amp to 15 amp switch and multi-socket - two each with indicator and 3.5 meter wire.
- (xi) The ambulance should be equipped with latest high intensity 2 tone blinking alarm and emergency light system.
 - The alarm system should have a public address system as an additional feature.
 - The blinker should be mounted on all the three sides of ambulance and equipped with 11 fibre coiled high intensity blinkers.
- (xii) Trimmings - All trimmings should be done with maximum of stainless steel, non magnetic and heavy aluminum sections fastened in place with pop rivets/solid rivets and self threading screws.
- (xiii) Partition wall between drivers with rest of ambulance should be of fibre with insulation. The partition wall should have a sliding glass window to insure easy communication between driver and doctor.
- (xiv) Halogen/LED at the top of ambulance on its all boundaries/borders so that at the time of disaster the ambulance crew is able to carry out its operation in the darkness

ANNEXURE -IV

(C) CENTRAL PIPELINE AND OXYGEN SYSTEMS

- I. Provision for Two D Type cylinders (on which a ventilator can work for 12hours) with a trolley and gravity flap door mounted with a cable locking device. Provision for one B Type cylinders as stand by oxygen supply.
2. The Cylinder should be easily changeable with easy access and minimum disturbance to the patient and doctor and medical gadgets.
3. Two oxygen outlet points to be provided. One for ventilator and one as stand by with oxygen regulator/humidifier.

OTHER FEATURES OF CENTRAL PIPE LINE

- | | |
|--|---------|
| 1. Pipe should be made of eflone with braided stainless steel to ensure flexibility and stability. | |
| 2. Oxygen cylinders D type mount for | 2 nos. |
| 3. Compressed Air Cylinders/ oxygen cylinder B type mount for | 1 no |
| 4. Pressure gauges for oxygen / compressed air | 3 nos. |
| 5. High Pressure regulator | 3 nos. |
| 6. Straight / L-nozzle | 3 nos. |
| 7. Anti vibration mounts | 4 nos. |
| 8. Cylinder holding pads | 16 nos. |
| 9. Bottom pad for cylinder | 2 nos. |
| 10. Head board for outlet points | 3 nos. |
| 11. Pressure switches | 2 nos. |
| 12. Buzzer | 2 nos. |
| 13. Non-return valves | 2 nos. |
| 14. Indicating lights LED type | 4 nos. |
| 15. Interconnecting fitting and wiring etc. | LOT |
| 16. Oxygen flow meter with humidifier | 1no. |

ANNEXURE-V**(D) STRETCHER**

1. One scoop stretcher, aluminum makes which should include 3-4 restraints straps.
2. Combi Cot Stretcher

ANNEXURE-VI**(E) AIR CONDITIONER AND HEATING**

- 1 The ambulance should be equipped with concealed air conditioner (with double blower system)
- 2 The compressor should be ISI make.
3. The condensers equipped with super heavy induced magnetic motors, which is safe for operations in high moisture and highly temperature (Spray resistant)
4. Airflow should be concealed directed with 2 independent blowers. One from front and the other from rear.

HEATING

1. Separate 220V heating blower should be provided for patient cabin temperature.

ANNEXURE-VII

(P - I)

MEDICAL EQUIPMENT

Equipment to be placed on BLS Ambulance:

The ambulance will be required to be equipped with, but not limited to (the following):

- A Suction Devices battery operated.
1. An engine vacuum operated or electrically powered and battery backup (in built), complete suction aspiration system. Shall be installed permanently on board to provide for the primary patient. It shall have wide bore tubing.
 2. A manual suction device, age and weight appropriate, with wide bore tubing and at least a six ounce reservoir.
 3. There must be an assortment of suction (minimum of 2 each) on board. Sizes 6 fr, 8fr, 10fr, 16fr, 18fr. A rigid suction catheter (e.g. Yankaur) will also be carried. Minimum 2 each.
- B. Bag Mask Ventilation Units,
1. One Neonatal, One Child, and One adult (Silicone), hand-operated. Valves must operate in all weather, and unit must be equipped to be capable of delivering 90-100% oxygen to the patient.
 2. The following sized masks will be carried aboard in the ambulance to be used in conjunction with the ventilation units above 1, 2, 3, 4. Either the disposable or non-disposable types are acceptable. 5 of each size incase disposable are supplied.
- C. PVC/Silicone Oropharyngeal (Berman type)/Nasopharyngeal Airways - adult.. All airways shall be clean and individually wrapped
- D Guedels airway with bite block all adult sizes, color coded.
Large adult
Med. Adult
Small for Pediatric
- E. "S" tube type airways may not be substituted for Berman type airways.
- F. A "no smoking" sign will be prominently displayed in the patient compartment.
- G. Bite sticks commercially made. (Clean and individually wrapped).
- H. Twelve sterile dressings (minimum size 5 inches x 9 inches).
- I. Thirty-six each sterile gauze pads 4 inches x 4 inches.
- J. Twelve each bandages, self-adhering type, minimum three inches by five yards. Bandages must be individually wrapped or in clean containers.

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- K. A minimum of four commercial sterile occlusive dressings, four inches by four inches.
- L. Adhesive Tape, hypoallergenic, one, two and three inches wide.
- M. Bum sheets, two, sterile.
- N. Scissors, adhesive tap, vacuum splint (arm-2.legs-2)
- O. Cervical collar (disposable) be included (adult :-Large & medium.)
(P-III)
- P. **Spinal immobilization devices:**
 - 1. Spine board. at least 16 inches by 72 inches constructed of three-quarter inch ply board or equivalent material and having at least three quarter inch runners on each side for lifting with appropriate straps. If not equipped with runners. board must be designed so handholds are accessible even with gloves on.
 - 2. Cervical collars to accommodate the infant. Child. medium adult, and large adult sizes. Collars must be manufactured of semi-rigid or rigid material.
 - 3. Three, two inches by nine foot patient restraint straps.
 - 4. Head immobilization device. Commercially available or towel/blanket rolls.
- Q. Five inch triangular bandages.
- R. Two blankets.
- S. Bandage Shears, Large size.
- T. Stethoscope Adult
- U. Kidney tray
- V. Two dependable flashlights / emergency light or electric lanterns, minimum size, two-D-cell or six volt lanterns.
- W. Minimum of one fire extinguishers, CO2 or dry chemical or type ABC.
- X. Working gloves, two pair for each crewmember.
- Y. Minimum of 1000 cc of sterile water or normal saline solution for irrigation.
- Z. Personal protective equipment which includes (gloves, masks, gowns ,eye shields & shoe covers)
- AA. PPE set -5 set.

BB. Additional Equipment

Annexure - VIII

Combitude	2
LMA	LMA : Laryngeal Mask Ventilation Airway(2,3,4) sizes
Airsplints Complete Set	(U/L & UL)
Automated External Defibrillator (AED)	The vendor should provide training to doctor/nurses and paramedics in pre-hospital care. And use of ambulance equipments, patient transfer and basic life saving modules which include pre- hospital emergency & trauma care.
Suction Apparatus	Portable
Emergency Kit	Ambubag, ET tube, Laryngoscope adult size(Large, extra large &medium), Pediatric Laryngoscope. Magill forceps, Stylet Airways - Oropharyngeal airway (All Sizes – Adults & Pediatrics) (Transport Ventilator) Mini O2 Cylinder Suction device should be Foot/ Knee operated.

All the medical equipment of the Ambulance should be CE/ FDA compliant.

The vendor should provide training to the doctors nurses and paramedics in pre hospital care and use of ambulance equipment , patient transfer and nad basic life saving modules which includes pre hospital emergency & trauma care.

5. Operation Theatre Light - OT sky lamp (Twin)

1 Description of Function	
1.1	Surgical lights illuminate the surgical site for optimal visualization of small, low-contrast objects at varying depths in incisions and body cavities.
2 Operational Requirements	
2.1	The light should comprise of 2 units, One major dome and one satellite dome. Each unit should have a facility of brightness adjustment from 30 – 100 %. Should be shadow free.
3 Technical Specifications	
3.1	<ol style="list-style-type: none"> 1. Should be LED based microprocessor control technology ceiling mounted 2. One major dome and one satellite dome should have min 80 leds. 3. Intensity at 1-meter distance at least 1,60,000 lux for major dome and 1,10,000 for satellite dome. Total intensity of light should be 2,70,000 lux or more. 4. Colour Temperature: 4500-5000 K. 5. Having on off switch and light intensity control 6. Homogenous luminous field with lowest possible amount of shadow. 7. The contrast between the lighted area and the surrounding should not cause stress to the surgeon's eye. 8. Depth of illumination should be 120-140 cms. or more. 9. Illuminated field diameter should be approx. 20 cms. 10. Temp. Increase in temperature near head should be specified and should not be more than 1 degree C. 11. Color rendering index (CRI) should be 93 – 98. 12. Height adjustment more then 1 meter. 13. LED life span 25000 or more Hrs. 14. Light field adjustment by sterilisable handle. 15. Control panels on the light assembly as well as away from it for adjustment of light intensity, illuminated area and for switching on and off 16. The light head should be so constructed as to provide optimum conditions for laminar flow. 18. It should have provision for using it during minimally invasive surgery maintaining the correct vision of the screen.
4 System Configuration Accessories, spares and consumables	
4.1	System as specified
5 Environmental factors	

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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

6.1	Power input :220-240V/ 50 Hz AC Single phase fitted with appropriate Myanmar plugs and sockets.
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)

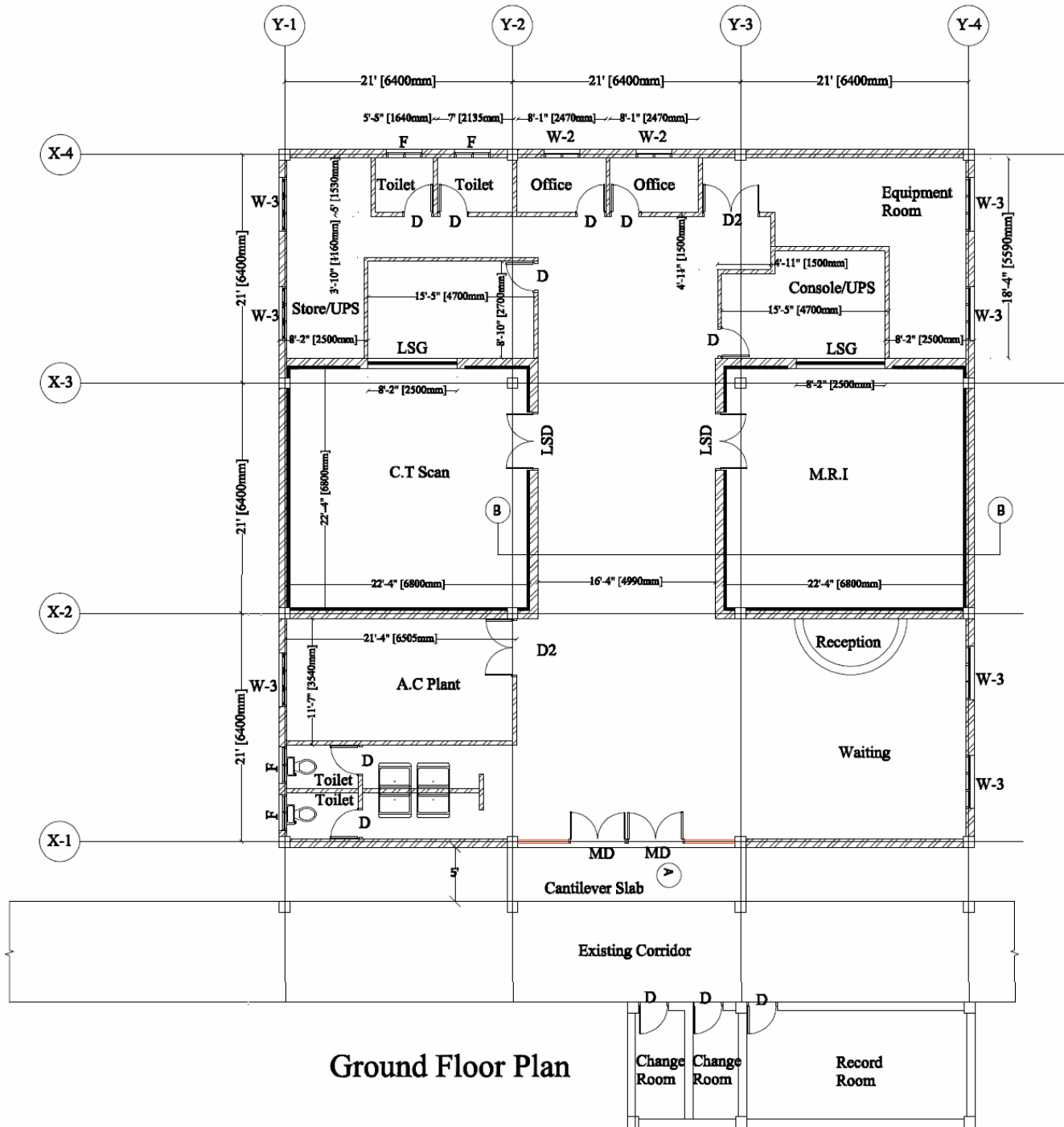
7 Standards & Safety

7.1	Should be FDA , CE,UL or BIS approved product
7.2	Manufacturer should be ISO certified for quality standards.
7.3	Electrical safety conforms to standards for electrical safety IEC 60601-1 General Requirements (or equivalent BIS Standard)
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 60601-2-41: Particular requirements for the safety of Operation Theatre Light or equivalent if applicable

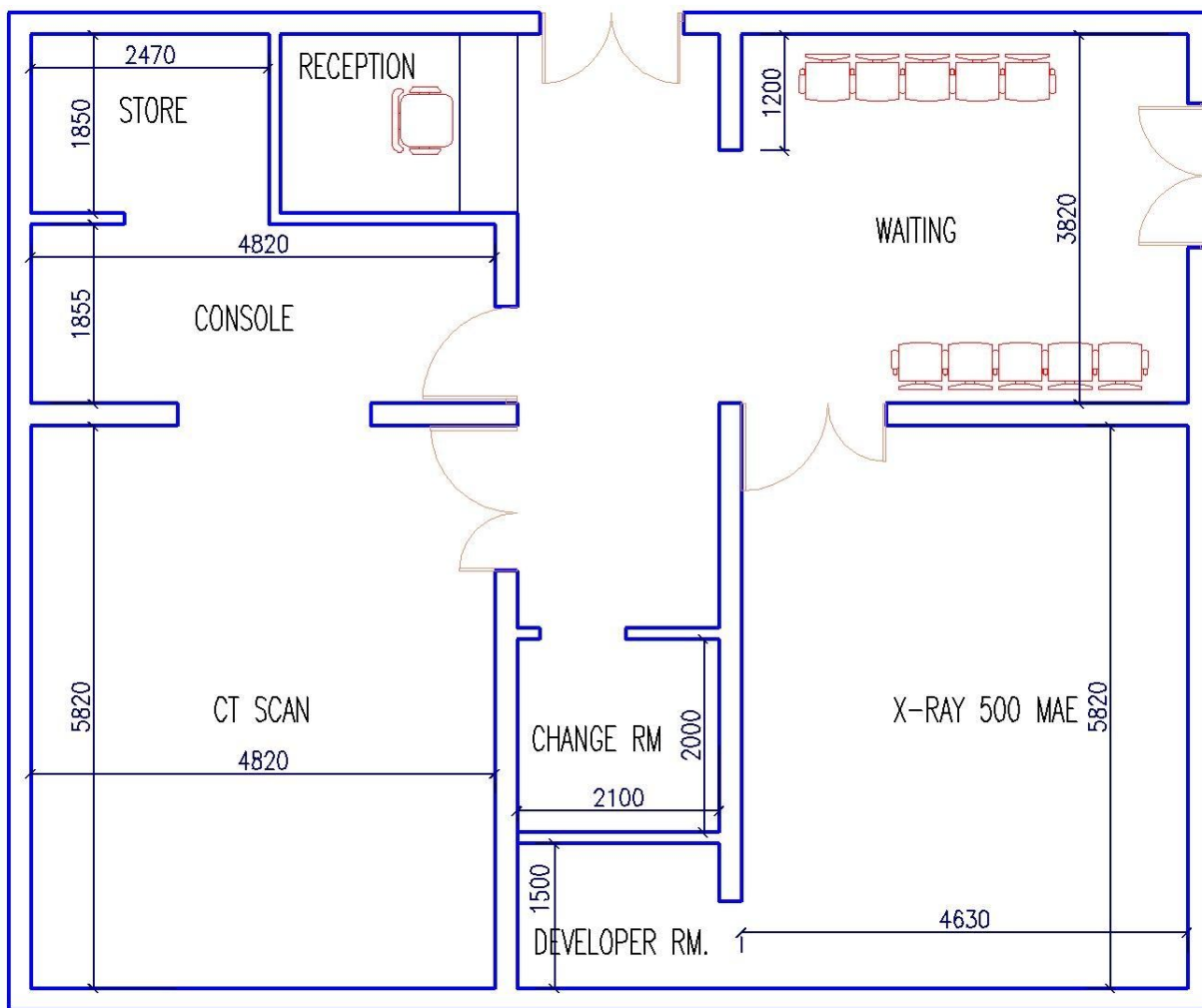
SECTION – IV - A

**LAYOUT PLANS FOR CT SCAN, MRI
AND X - RAY MACHINE**

CHILDREN HOSPITAL YANGON – CT
SCAN AND MRI MACHINE LAYOUT



**GENERAL HOSPITAL SITTWE- CT SCAN
MACHINE AND X- RAY MACHINE LAYOUT**



Note: Dimensions in the aforesaid layout are in mm

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

Procurement of Medical Equipment for the two Hospitals in Myanmar

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.)
				5(a)	5(b)	5(c)	5(d)	5(e)	5(f)	5(g)	4x5(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:

Procurement of Medical Equipment for the two Hospitals in Myanmar

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	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(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: _____

Procurement of Medical Equipment for the two Hospitals in Myanmar

**PROFORMA FOR PERFORMANCE STATEMENT
{For a period of last five years (1st April 2008 – 31st March 2013)}**

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 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 of20..... 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 words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz. :
 - a the Bid No. **HSCC/PUR/MEA - Myanmar/Equipment/2013 -14**
 - 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

Whereas1 (*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 theday of.....20.....
Signature and Seal of Guarantors

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

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

Address :
.....

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
1.	CT Scan (64 Slice)	2
2.	500 ma X-ray machine with Fluoroscopy	1
3.	MRI Scan (3 Tesla)	1
4.	Ambulance (Transport)	2
5	OT sky lamp (Twin)	3

Details of the Package	Consignee
Package No 1,2,5	Sittwe General Hospital, Sittwe
Package No 1,3	Yangon Children Hospital, Yangon Myanmar

Complete Address of Consignee

1. Yangon Children Hospital, Yangon Myanmar
2. Sittwe General Hospital, Sittwe.

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.	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.			
7.	Technical Compliance Statement submitted			
8.	Commercial Compliance Statement submitted			
9.	Audited Balance sheet (duly signed by the auditor) for the last 3 financial years (i.e. 2009-10, 2010-11 and 2011- 12).			
10.	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.			
11.	Price schedule has been filled-up strictly as per Format given in bid document.			
12.	Price bid has been submitted separately item wise.			
13.	Copy of price schedule with prices blanked out has been submitted with un-priced bid			

Important Note:

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

Signature with Date _____

Name & Designation With Company's Seal _____

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

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

NOTE:-

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

(Signature of Beneficiary)

Name -----

Designation -----

Date -----

-