Notice Inviting Tender

Online tendering through CPPP (https://eprocure.gov.in/cppp)

**Tender Details:**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Tender Description</td>
<td>Setting up of Catheterization Laboratory /Cath Lab with Digital Subtraction Angiography Equipments, with detailed turkey works including electrical panels, wiring against buy back of old existing obsolete Mobile Cath Lab with DSA (Make: Allengers Medical Systems Ltd.; Model: Allengers Life; Year: 2008)</td>
</tr>
<tr>
<td>Bid Document Downloading Start Date</td>
<td>1400 hours of 20.11.2019</td>
</tr>
<tr>
<td>Pre-Bid Conference and Clarification Session</td>
<td>1600 hours of 06.12.2019</td>
</tr>
<tr>
<td>Last Date and Time for Submission of Bid Document Online</td>
<td>1400 hours of 20.12.2019</td>
</tr>
<tr>
<td>Last date and Time of Receipt of Earnest Money Deposit (Hard Copy)</td>
<td>1400 hours of 20.12.2019</td>
</tr>
<tr>
<td>Date and Time of Opening of Techno -Commercial Bids</td>
<td>1430 hours of 23.12.2019</td>
</tr>
<tr>
<td>Cost of Earnest Money Deposit (EMD)</td>
<td>Rs 21,00,000.00</td>
</tr>
<tr>
<td>Tentative schedule after completion of Technical Commercial Evaluation subject to inputs from respective Committee /Authority</td>
<td>60 days from the date of opening of Techno – Commercial Bid</td>
</tr>
<tr>
<td>Tentative schedule for awarding of contract including institutional requirement, justification of cost and on approval of the Competent Authority</td>
<td>60 days from the date of opening of e- Price Bid /BOQ</td>
</tr>
</tbody>
</table>

Bidders /Tenderers can download the tender /bid document from Central Public Procurement Portal website at www.eprocure.gov.in Bidders /Tenderers are required to submit their bid online by uploading all the relevant documents through www.eprocure.gov.in. For further details regarding tender amendment /date extension, please visit website: www.eprocure.gov.in. Tender document can also be downloaded from the Institute’s website at www.neigrihms.gov.in
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SECTION I: NOTICE INVITING TENDERS (NIT)

Online open tenders, in two-bid system, are invited by Director, NEIGRIHMS, Shillong from eligible manufacturers /authorized representatives for processing of stores /items for the Institute, as per enclosed specification and related terms and conditions.

1. Bidders /Tenderers would be required to register on the Central Public Procurement Portal at www.eprocure.gov.in, using a valid Digital Signature Certificate (DSC) and valid email address to be able to participate in the bidding process. On registration with the Portal they will be provided with a user id and password by the system through which they can submit their bids online.

2. Digital Signature Certificate (DSC) may be obtained from any authorized agencies registered with the Certifying Authority (CA), through National Informatics Center (NIC) in India.

3. Bidders /Tenderers can download the bid document from Central Public Procurement Portal website at www.eprocure.gov.in Bidders /Tenderers are required to submit the bid online by scanning and uploading all the relevant documents through www.eprocure.gov.in

4. Tender document can also be downloaded from the Institute’s website at www.neigrihms.gov.in For further details regarding Amendment /Addendum /Extension please visit website: www.eprocure.gov.in and www.neigrihms.gov.in

5. No tender fee is required for downloaded documents.

6. Earnest Money Deposit (EMD) in the form of Call deposit, Banker’s Cheque, Fixed deposit or Demand draft, drawn in favour of Deputy Director (Admn.), NEIGRIHMS, Shillong or Bank Guarantee of any Scheduled Bank, shall be scanned and submitted online, along with the Techno-commercial bid (Un priced Bid), within the period of tender online submission date and time and the original (hard copy) should be submitted to Stores & Procurement Section, Director’s Block, Mawdiangdiang, NEIGRIHMS, Shillong – 793018 within the stipulated date and time.

7. In the event of the date being declared as a closed holiday for purchaser’s office, the date for opening of bids online will be the following working day at the appointed times.

8. Bidders/Tenderers need to scan and upload the required documents like Goods and Service Tax (GST) registration, PAN Number/Card, ST /SC Certificate, valid document regarding the existence and registration of the firm along with the with Techno-commercial bid, as per Check List (Section XXI)

9. The technical bids will be opened online by a committee of members duly constituted for the purpose at the time and date as specified in the tender document. All statements, documents, certificates, proof of EMD /Affidavits, brochures, specifications, etc uploaded by the bidders will be verified and downloaded for technical evaluation and the result of technical bid evaluation will be displayed on www.eprocure.gov.in which can be seen by all bidders who participated in the tender.

10. The bidders should download the **BoQ.xls** (Bill of Quantities) and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or background shown in the BOQ template or replace it with any other copy of same **BOQ in.xls format.** NEIGRIHMS /Central Public Procurement Portal (www.eprocure.gov.in) will accept the BOQ template only and hence the rate should not be quoted in any other place except BOQ template.

11. The Financial bid (price bid) i.e. Bill of Quantity (BOQ) of only technically qualified bidders will be opened online by a committee of members and the result will be displayed on the www.eprocure.gov.in which can be seen by all bidders who participated in the tender.

12. No work will be allotted to Non-tribal bidder, contractors, Suppliers, stockists, bonded warehouse, private carriage contractors, cooperative societies etc except under a valid trading license issued by the Khasi Hills Autonomous District Council, Shillong.

13. The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that the firm is not supplying the same item at lower rates quoted in this tender to any Government/Private organization or any other institution during past one year, as per “FALL CLAUSE” adhered by DGS & D and other Government agencies.

14. The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that there is no vigilance/CBI /FEMA case pending against the firm/supplier.

15. At any time prior to the date of submission of bid, Director, NEIGRIHMS may, for any reason, whether at his own initiatives or in response to a clarification from a prospective bidder, modify the bidding documents by an amendment.

16. The tendered rates and the validity of bids shall be for a minimum period of 120 days from the date, as the tender are finalized /awarded.

17. Settlement of Disputes – The jurisdiction in respect of settlement of disputes in Stores & Civil contracts shall be as per the Commercial Courts, Commercial Division and Commercial Appellate Division of High Courts (Amendment) Ordinance 2018, wherein the provision for pre –institution mediation, has been made mandatory in respective cases by the parties to the disputes. The mediation shall be under the authorities constituted under Legal Service Authority Act, 1987.

Sd/-
Stores & Procurement Officer,
For and on behalf of Director, NEIGRIHMS, Shillong
SECTION – II
GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE:

1. Definitions and Abbreviations:

1.1 The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

1.2. Definitions:
(i) “Purchaser” means the NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH AND MEDICAL SCIENCES (NEIGRIHMS), Mawdiangdiang, Shillong 793 018 (Meghalaya)
(ii) “Tender” means Bids /Quotation /Offer received from a Company /Firm /Tenderer.
(iii) “Tenderer” means Bidder/ the Individual or Firm / Company submitting Bids /Quotation / Tender
(iv) “Supplier” means the individual or the firm supplying the goods /services as incorporated in the contract.
(v) “Goods” means works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
(vi) “Services” means works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
(vi) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be submitted by a tenderer along with the techno-commercial bid.
(vii) “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
(viii) “Performance Security” means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
(ix) “Consignee” means the Hospital/Institute/concerned user department/ person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of despatch to another person as provided in the Contract then that “another” person is the consignee, also known as ultimate consignee.
(x) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
(xi) “Inspection” means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
(xii) “Day” means calendar day.

1.3 Abbreviations:
(i) “T E Document” means Tender Enquiry Document
(ii) “NIT” means Notice Inviting Tenders.
(iii) “GIT” means General Instructions to Tenderers
(iv) “SIT” means Special Instructions to Tenderers
(v) “GCC” means General Conditions of Contract
(vi) “SCC” means Special Conditions of Contract
(vii) “DGS&D” means Directorate General of Supplies and Disposals
(viii) “CPPP” means Central Public Procurement Portal
(ix) “PSU” means Public Sector Undertaking
(x) “CPSU” means Central Public Sector Undertaking
(xi) “LSI” means Large Scale Industry
(xii) “SSI” means Small Scale Industry
(xiii) “LC” means Letter of Credit
(xiv) “DP” means Delivery Period
(xv) “BG” means Bank Guarantee
(xvi) “BOQ” means Bill of Quantities
(xvii) “CD” means Custom Duty
(xviii) “GST” means Goods and Service Tax
(xix) “SGST” means State Goods and Service Tax
(xx) “CGST /IGST” means Central Goods and Service Tax /Integrated Goods and Service Tax
(xxi) “RR” means Railway Receipt
(xxii) “BL” means Bill of Lading
(xxiii) “FOB” means Free on Board
(xxiv) “FCA” means Free Carrier
(xxv) “FOR” means Free on Rail
(xxvi) “CIF” means Cost, Insurance and Freight
(xxvii) “CIP” means Carriage and Insurance Paid up to Consignee site. Additionally the Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.
(xxviii) “DDP” means Delivery Duty Paid named place of destination (Consignee site)
(xxix) “INCOTERMS” means International Commercial Terms as on the date of Tender Opening
(XXX) “MOH&FW” means Ministry of Health & Family Welfare, Government of India
(XXXI) “NEIGRIHMS” means North Eastern Regional Institute of Health and Medical Sciences, Shillong, MOH&FW.
(XXXII) “CMC” means Comprehensive maintenance Contract (labour, spare and preventive maintenance)

2. **Introduction**

2.1 The Purchaser has issued TE documents for purchase of goods and related services which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.

2.2 This section (Section II - “General Instruction Tenderers”) provides the relevant information as well as instructions to assist the prospective tenderers in preparation and online submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for online receipt and online opening as well as online scrutiny and online evaluation of tenders and subsequent placement of contract.
2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.

2.4 Before formulating the tender and online submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, checklist etc. contained in the TE documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these TE documents may result in rejection of its tender.

3. Availability of Funds

3.1 Expenditure to be incurred for the proposed purchase will be met from the funds available with the purchaser/Institute.

4. Language of Tender

4.1 The tender submitted online by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, shall be written in the English language, unless otherwise specified in the Tender Enquiry. However, the language of any printed literature furnished by the tenderer in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.

4.2 The tender submitted online by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, may also be written in the Hindi language, provided that the same are accompanied by English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

5. Eligible Tenderers

5.1 This invitation for tenders is open to all suppliers who fulfil the eligibility criteria specified in these documents.

6. Eligible Goods and Services

6.1 All goods and related services to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term origin" used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.

7. Tendering Expense and Tender fee

7.1 The tenderer shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its tender including preparation, mailing and submission of its tender and for subsequent processing the same. The purchaser will, in no case be responsible or liable for any such cost, expenditure etc regardless of the conduct or outcome of the tendering process.

B. TENDER ENQUIRY DOCUMENTS:

8. Content of Tender Enquiry Documents

The relevant details of the required goods and services, the terms, conditions and procedure for tendering, tender evaluation, placement of contract, the applicable contract terms and, also, the standard formats to be used for this purpose are incorporated in the above-mentioned documents. The interested tenderers are expected to examine all such details, etc to proceed further.

9. Amendments to TE documents

9.1 At any time prior to the deadline for online submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.

9.2 Such an amendment will be notified /displayed in the website: www.eprocure.gov.in and www.neigrihms.gov.in

9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion, extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.
10. Clarification of TE documents

10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than fifteen days (unless otherwise specified in the SIT) prior to the prescribed date of online submission of tender.

C. PREPARATION OF TENDERS:

11. Documents Comprising the Tender

11.1 Two Tender System, i.e., “Techno – Commercial Tender” and “Price /Finance Tender (BOQ)” prepared by the tenderer shall comprise the following:

A) Techno – Commercial Tender (Un priced Tender)

i) Earnest money furnished in accordance with GIT clause 19.1 alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.

ii) Tender Form as per Section X (Un-priced).

iii) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.

iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer’s Authorisation Form. While giving authorization to agent, to quote on their behalf, manufacturer has to give the reasons for not quoting directly against this tender.

v) Power of Attorney in favour of signatory of TE documents and signatory of Manufacturer’s Authorisation Form

vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.

vii) Performance Statement as per section IX along with relevant copies of orders and end users’ satisfaction certificate.

viii) Price Schedule (Financial Bid) with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).

ix) Certificate of Incorporation in the country of origin.

x) Checklist as per Section XXI.

B) Price Tender:

N.B.

It is the responsibility of tenderer to go through the TE document to ensure furnishing all required documents in addition to above, if any.

11.1 A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.

11.2 Tender document sent by Speed Post /Registered Post /Courier /Fax /Mail or any other related mode, other than by online submission through www.eprocure.gov.in shall be ignored.

12. Tender currencies

12.1 The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.

12.2 For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Japanese Yen. As regards price(s) for allied services, if any required with the goods, the same shall be converted to Indian Rupees only if such services are to be performed
Tender Prices

13.1 The Tenderer shall indicate on the Price Schedule (BOQ – Financial Bid) provided all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a tenderer, the same should be left blank.

13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules and, also, to offer special discount for combined schedules. However, while quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.

13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules (BOQ – Financial Bid).

13.4 While filling up the columns of the Price Schedule (BOQ – Financial Bid), the following aspects should be noted for compliance:

13.4.1 For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:

a) The price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like GST, CGST, IGST, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;

b) Any sales or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;

c) Charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;

d) The price of Incidental Services, as mentioned in List of Requirements and Price Schedule;

e) The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and

f) The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:

a) The price of goods quoted FOB port of shipment, as indicated in the List of Requirements and Price Schedule;

b) The price of goods quoted CIF port of entry in India as indicated in the List of Requirements and Price Schedule;

c) The price of goods quoted DDP at consignee site in India as indicated in the List of Requirements, Price Schedule and Consignee List;

d) Wherever applicable, the amount of custom duty with CDEC applicable on CIF value on the goods to be imported;

e) The charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to Consignee Site, as specified in the List of Requirements and Price Schedule;

f) The charges for Incidental Services, as in the List of Requirements and Price Schedule;
g) The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and

h) The price of Annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

13.5.1 If the Tenderer desires to ask for Excise duty, GST, CGST, IGST, Custom Duty, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

13.5.2 **Excise Duty:**

a) If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.

b) If a Tenderer chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the tenderer must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.

c) Subject to sub clauses 13.5.2 (a) & (b) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

13.5.3 **Goods and Service Tax (GST):**

If a tenderer asks for GST, CGST, IGST and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The GST, CGST, IGST and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to GST, CGST, IGST and Works Contract Tax and is payable as per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forthwith to the purchaser.

13.5.4 **Octroi Duty and Local Duties & Taxes:**

Normally, goods to be supplied to government departments against government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned government department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the purchaser are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the purchaser.

However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the purchaser to enable the purchaser reimburse the supplier and take other necessary action in the matter.

13.5.5 **Customs Duty:**

In respect of imported stores offered from abroad, the tenderer shall specify the rate as well as the total amount of customs duty payable with CDEC, if applicable, on the quoted goods in the Price Schedule. The tenderer shall also indicate the corresponding Indian Customs Tariff Number applicable for the goods in question.

13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.
13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.

13.8 Unless otherwise specifically indicated in this TE document, the terms FCA, FOB, FAS, CIF, CIP, DDP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.

13.9 The need for indication of all such price components by the tenderers, as required in this clause (viz., GIT clause 13) is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected tenderer on any of the terms offered.

14. Indian Agent

14.1 If a foreign tenderer has engaged an agent in India in connection with its tender, the foreign tenderer, in addition to indicating Indian agent's commission, if any, in a manner described under GIT sub clause 12.2 above, shall also furnish the following information:

a) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.

b) The details of the services to be rendered by the agent for the subject requirement.

c) Details of Service outlets in India, nearest to the consignee(s), to render services during Warranty and CMC period.

15. Firm Price

15.1 Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account.

15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply.

16. Alternative Tenders

16.1 Alternative Tenders are not permitted.

16.2 If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product. In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

17 Documents Establishing Tenderer's Eligibility and Qualifications

17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.

17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:

a) In case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIV in this document.

b) The tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents.

c) In case the tenderer is not doing business in India, it is duly represented by an agent stationed in India fully equipped and able to carry out the required contractual functions and duties of the supplier including after sale service, maintenance & repair etc. of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications.

d) In case the tenderer is an Indian agent/authorized representative quoting on behalf of a foreign manufacturer for the restricted item, the Indian agent/authorized representative is already enlisted.
18. Documents establishing Good’s Conformity to TE document.

18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.

18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall list out the same in a chart form without ambiguity and provide the same along with its tender.

18.3 If a tenderer furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.

19. Earnest Money Deposit (EMD)

19.1 Pursuant to GIT clauses 8.1 and 11.1(d) the tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer’s unwarranted conduct as amplified under sub-clause 19.7 below.

19.2 The tenderers who are currently registered and, also, will continue to remain registered with the Central Purchase Organisation or the concerned Ministry or Department during the tender validity period for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as “to customers’ specification” etc. will not be acceptable for exemption from furnishing of earnest money. In case the tenderer falls in these categories, it should furnish copy of its valid registration details as the case may be. The EMD shall be forfeited if successful bidder fails to undertake the contract or fails to comply with any of the terms & conditions of the contract.

19.3 The Earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The Earnest money shall be furnished in one of the following forms:

i) Account Payee Demand Draft
ii) Fixed Deposit Receipt
iii) Banker’s cheque and
iv) Bank Guarantee from any of the Commercial Banks

19.4 The Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s cheque shall be drawn on any Commercial banks in India or country of the tenderer, in favour of the “Deputy Director (Admn.), NEIGRIHMS, Shillong”. In case of bank guarantee, the same is to be provided from any commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.

19.5 The Earnest money shall be valid for a period of Forty Five (45) days beyond the validity period of the tender.

19.6 Unsuccessful tenderers’ earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer’s earnest money will be returned without any interest, after receipt of performance security from that tenderer.

19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer’s conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer’s earnest
money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalised bank in India by way of back-to-back counter guarantee.

20. **Tender Validity**

20.1 The tendered rates and the validity of bids shall be for a minimum period of 120 days year from the date, as the tender are finalized /awarded. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/ telex/cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly. A tenderer, however, may not agree to extend its tender validity without forfeiting its EMD.

20.3 In case the day up to which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for the purchaser, the tender validity shall automatically be extended up to the next working day.

**D. SUBMISSION OF TENDERS**

22. **Online Submission of Tenders**

22.1 The tenderers are to submit the tenders online (Techno –Commercial bid and Finance bid) at [www.eprocure.gov.in](http://www.eprocure.gov.in)

22.2 The tenderers must ensure that they submit their tenders not later than the closing time and date specified.

22.3 The participating bidders in the tender should register themselves free of cost on e -procurement platform in the website [www.eprocure.gov.in](http://www.eprocure.gov.in)

22.4 Bidders can log-in to e-procurement platform in secure mode only by signing with the Digital Certificates.

22.5 The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available.

22.6 The bidders should scan and upload the respective documents in Technical Documentation as per the check list.

22.7 The rates should be quoted as per the BOQ downloaded for that particular tender.

23. **Late Tender**

23.1 Bidders should submit their tenders online within the specified date and time of submission.

24. **Alteration and Withdrawal of Tender**

24.1 No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a tenderer withdraws the tender during this period, it will result in forfeiture of the Earnest money furnished by the tenderer in its tender.

**E. TENDER OPENING**

25. **Opening of Tenders**

25.1 The purchaser will open the tenders online at the specified date and time and at the specified place as indicated in the NIT.

In case the specified date of tender opening falls on / is subsequently declared a holiday or closed day for the purchaser, the tenders will be opened at the appointed time and place on the next working day.

25.2 Authorized representatives of the tenderers may attend the online tender opening provided they bring with them letters of authority from the corresponding tenderers.

The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives’ names & signatures and corresponding tenderers’ names and addresses.
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25.3 Two - Tender system as mentioned in para 21.6 above will be as follows. The Techno - Commercial Tenders are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/authority with reference to parameters prescribed in the TE document. During the Techno - Commercial Tender opening, the tender opening official(s) will read the salient features of the tenders like brief description of the goods offered, delivery period, Earnest Money Deposit and any other special features of the tenders, as deemed fit by the tender opening official(s). Thereafter, in the second stage, the Price Tenders of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno – Commercial tender. The prices, special discount if any of the goods offered etc., as deemed fit by tender opening official(s) will be read out.

F. SCRUTINITY AND EVALUATION OF TENDERS

26. Basic Principle

26.1 Tenders will be evaluated on the basis of the terms & conditions already incorporated in the TE document, based on which tenders have been received and the terms, conditions etc. mentioned by the tenderers in their tenders. No new condition will be brought in while scrutinizing and evaluating the tenders.

27. Preliminary Scrutiny of Tenders

27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished and whether the Tenders are generally in order.

27.2 Prior to the detailed evaluation of Price Tenders, pursuant to GIT Clause 34, the Purchaser will determine the substantial responsiveness of each Tender to the TE Document. For purposes of these clauses, a substantially responsive Tender is one, which conforms to all the terms and conditions of the TE Documents without material deviations. Deviations from, or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 5), Warranty (GCC Clause 15), EMD (GIT Clause 19), Taxes & Duties (GCC Clause 20), Force Majeure (GCC Clause 26) and Applicable law (GCC Clause 31) will be deemed to be a material deviation. The Purchaser’s determination of a Tender’s responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

27.3 If a Tender is not substantially responsive, it will be rejected by the Purchaser.

27.4 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders, which do not meet the basic requirements, are liable to be treated as non – responsive and will be summarily ignored.

27.5 The following are some of the important aspects, for which a tender shall be declared non – responsive and will be summarily ignored:

(i) Tender form as per Section X (signed and stamped) is not uploaded.
(ii) Tender is to be digitally signed during the process of submitting/uploading.
(iii) Tender validity is shorter than the required period.
(iv) Required EMD (Amount, validity etc.)
(v) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer’s Authorisation Form as per Section XIV.
(vi) Tenderer has not agreed to give the required performance security.
(vii) Goods offered are not meeting the tender enquiry specification.
(viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
(ix) Poor/ unsatisfactory past performance.
(x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
(xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
(xii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.

28. Minor Infirmity/Irregularity/Non-Conformity

28.1 If during the preliminary examination, the purchaser find any minor informality and/or irregularity and/or non-conformity in a tender, the purchaser may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the tenderers.
Wherever necessary, the purchaser will convey its observation on such ‘minor’ issues to the tenderer by registered/speed post etc. asking the tenderer to respond by a specified date. If the tenderer does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

29. **Discrepancies in Prices**

29.1 The prices offered by the bidders in the given BOQ will be taken as final. Claims, if any, in respect of any changes in the offered prices shall not be acceptable at any point of time.

29.2 If, as per the judgement of the purchaser, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the tenderer by registered / speed post. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. **Discrepancy between original and copies of Tender**

30.1 Deleted

31. **Qualification Criteria**

31.1 Tenders of the tenderers, who do not meet the required Qualification Criteria prescribed in Section IX, will be treated as non - responsive and will not be considered further.

32. **Conversion of tender currencies to Indian Rupees**

32.1 In case the TE document permits the tenderers to quote their prices in different currencies, all such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the reference rates established by the Reserve Bank of India for similar transactions, as on the date of price bid opening /approval of the competent authority /financial concurrence, whichever is lower

33. **Schedule-wise Evaluation**

33.1 In case the List of Requirements contains more than one schedule, the responsive tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender. However, as already mentioned in GIT sub clause 13.2, the tenders have the option to quote for any one or more schedules and offer discounts for combined schedules. Such discounts wherever applicable will be taken into account to determine the lowest evaluated cost for the purchaser in deciding the successful tenderer for each schedule, subject to tenderer(s) being responsive.

34. **Comparison of Tenders**

Unless mentioned otherwise in Section – III – Special Instructions to Tenderers and Section – VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation.

35. **Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders**

35.1 Further to GIT Clause 34 above, the purchaser’s evaluation of a tender will include and take into account the following:

i) In the case of goods manufactured in India or goods of foreign origin already located in India, GST & other similar taxes and excise duty & other similar duties, Customs Duties, Works Contract Tax etc which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and

ii) in the case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

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

36. **Tenderer’s capability to perform the contract**

36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is
more than one schedule in the List of Requirements, then, such determination will be made separately for each schedule.

36.2 The above-mentioned determination will, interalia, take into account the tenderer’s financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. **Contacting the Purchaser**

37.1 From the time of submission of tender to the time of awarding the contract, if a tenderer needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.

37.2 In case a tenderer attempts to influence the purchaser in the purchaser’s decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the tenderer shall be liable for rejection in addition to appropriate administrative actions being taken against that tenderer, as deemed fit by the purchaser.

**G. AWARD OF CONTRACT**

38. **Purchaser's Right to accept any tender and to reject any or all tenders**

38.1 The purchaser reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected tenderer or tenderers.

39. **Award Criteria**

39.1 Subject to GIT clause 38 above, the contract will be awarded to the lowest evaluated responsive tenderer decided by the purchaser in terms of GIT Clause 36.

40. **Variation of Quantities at the Time of Award/ Currency of Contract**

40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned in the schedule(s) in the “List of Requirements” (rounded of to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

40.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase by up to twenty five (25) per cent, the quantity of goods and services mentioned in the contract (rounded of to next whole number) without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract.

41. **Notification of Award**

41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by registered / speed post) automatic e-mail generated communication, that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within twenty-one days from the date of dispatch of this notification. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

41.2 The Notification of Award shall constitute the conclusion of the Contract.

41.3 Bidders/tenderer undertake to sign the contract agreement within 15 (fifteen) days from the issue of the letter of acceptance /order, failing which EMD/Security deposit may be forfeited and name may be removed from the list of suppliers at NEIGRIHMS, Shillong.

42. **Issue of Contract**
42.1 Promptly after notification of award, the purchaser will mail the contract form (as per Section XVI) duly completed and signed, in duplicate, to the successful tenderer by registered / speed post.

42.2 Within fifteen days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the purchaser by registered / speed post.

42.3 The purchaser reserves the right to issue the Notification of Award consignee wise.

43. **Non-receipt of Performance Security and Contract by the Purchaser**

43.1 Failure of the successful tenderer in providing performance security and / or returning contract copy duly signed in terms of GIT clauses 41 and 42 above shall make the tenderer liable for forfeiture of its EMD and, also, for further actions by the purchaser against it.

44. **Return of EMD**

44.1 The earnest money of the successful tenderer and the unsuccessful tenderers will be returned to them without any interest, whatsoever, in terms of GIT Clause 19.6.

45. **Publication of Tender Result**

45.1 The name and address of the successful tenderer(s) receiving the contract(s) will be mentioned in the CPPP/notice board/bulletin/web site /Stores & purchase section of the purchaser.

46. **Corrupt or Fraudulent Practices /Code of Integrity**

46.1 It is required by all concerned namely the Consignee/Tenderers/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts and to abide by the Code of Integrity Act, as per GFR 2017. In pursuance of this policy, the Purchaser:

- defines, for the purposes of this provision, the terms set forth below as follows:

  "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; and

  "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 Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;

Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

Will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.
SECTION - III
SPECIAL INSTRUCTIONS TO TENDERERS (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

A  Preamble
No Change

B  TE documents
No Change

C  Preparation of Tenders
No Change

D  Submission of Tenders

GIT Clause 22.1

Tenderers shall ensure that their tenders, complete in all respects shall be scanned and submitted online at www.eprocure.gov.in within the stipulated date and time.

It is advised to all bidders to submit their bids well before the closing date/time to avoid any difficulties in bidding process during the closing hour.

E  Tender Opening
No Change

F  Scrutiny and Evaluation of Tenders
No Change

G  Award of Contract
No Change
SECTION - IV
GENERAL CONDITIONS OF CONTRACT (GCC)

1. Application

1.1 The General Conditions of Contract incorporated in this section shall be applicable for this purchase to the extent the same are not superseded by the Special Conditions of Contract prescribed under Section V, List of requirements under Section VI and Technical Specification under Section VII of this document.

2. Use of contract documents and information

2.1 The supplier shall not, without the purchaser’s prior written consent, disclose the contract or any provision thereof including any specification, drawing, sample or any information furnished by or on behalf of the purchaser in connection therewith, to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this TE document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.

2.2 Further, the supplier shall not, without the purchaser’s prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.

2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier’s performance and obligations under this contract.

3. Patent Rights

3.1 The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trade marks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.

4. Country of Origin

4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.

4.2 The word “origin” incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.

The country of origin may be specified in the Price Schedule

5. Performance Security

5.1 Within thirty (30) days from date of the issue of notification of award by the purchaser, the supplier, shall furnish performance security to the purchaser at 10% of the contract value costing more than 50 lakhs and 5% of the contract value costing less than 50 lakhs, valid up to sixty days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

5.2 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:

a) It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled bank in India or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in section XV of this document in favour of the purchaser. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to 60 days beyond Warranty Period.
5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited.

5.4 In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the ‘Contract Form – B’ in Section XVI with the purchaser/consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.

5.6 Subject to GCC sub – clause 5.3 above, the purchaser will release the Performance Security without any interest to the supplier on completion of the supplier’s all contractual obligations including the warranty obligations & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Institute/ or otherwise stated of the consignee as per the format in Section XV.

5.7 During maintenance & warranty period the bidder’s technical representative, shall attend to the machine /equipment within 48 hours and ensure uptime on immediate basis and shall ensure presence at NEIGRIHMS for 24 hours, after uptime is ensured.

6. Technical Specifications and Standards

6.1 The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in ‘Technical Specification’ and ‘Quality Control Requirements’ under Sections VII and VIII of this document.

7. Packing and Marking

7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transhipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.

7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VII and VIII and in SCC under Section V. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.

7.3 Packing instructions:

Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections VII and VIII and in SCC under Section V, the supplier shall make separate packages for each consignee (in case there is more than one consignee mentioned in the contract) and mark each package on three sides with the following with indelible paint of proper quality:

a. contract number and date
b. brief description of goods including quantity
c. packing list reference number
d. country of origin of goods
e. consignee’s name and full address and
f. supplier’s name and address

8. Inspection, Testing and Quality Control

8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser’s programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the purchaser and/or its nominated representative(s).
8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser’s inspector at no charge to the purchaser.

If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser’s inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser’s inspector for conducting the inspections and tests again.

8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier’s premises, the supplier shall put up the goods for such inspection to the purchaser’s inspector well ahead of the contractual delivery period, so that the purchaser’s inspector is able to complete the inspection within the contractual delivery period.

8.5 If the supplier tenders the goods to the purchaser’s inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.

8.6 The purchaser’s/consignee’s contractual right to inspect, test and, if necessary, reject the goods after the goods’ arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser’s inspector during pre-despatch inspection mentioned above.

8.7 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 15.

9. Terms of Delivery

9.1 Goods shall be delivered by the supplier in accordance with the terms of delivery specified in the contract.

10. Transportation of Goods

10.1 Instructions for transportation of imported goods offered from abroad:

Unless otherwise mentioned in SCC, the supplier shall follow the instructions mentioned below:

In case of FOB/FAS contracts, shipping arrangements shall be made by the Shipping Co-ordination and Chartering Division/Shipping Co-ordination and Officer, Ministry of Surface Transport, New Delhi, India. Notice about the readiness of Cargo for shipment shall be given by the supplier from time to time at least six weeks in advance for finalising the shipping arrangement, through Fax/Telex and courier, to the Chief Controller of Chartering, Shipping Co-ordination Officer, Ministry of Surface Transport, Government of India, New Delhi. Within three weeks of receipt of the advance notice, as above, the said Chief Controller of Chartering, Shipping Coordination Officer will advise the supplier, through Fax/Telex and courier when and on board what vessels, these goods or such part thereof are to be delivered.

If the advice for shipping arrangement is not furnished to the supplier within three weeks as aforesaid or if the vessel arranged is scheduled to arrive at the specified port of loading later than fifteen days of the date of readiness of cargo, as aforesaid, the supplier may arrange for such transport on alternative carriers with the prior written consent of the purchaser.

Where the supplier is required under the contract to deliver the goods on FOB/FAS basis and to arrange on behalf and at the expense of the purchaser for ocean transportation on Indian flag vessels or vessels of conference lines in which India is a member country, the supplier may arrange for such
transportation on alternate carriers if the specified Indian flag vessels or conference vessels are not available to transport the goods within the time period(s) specified in the contract, with the prior written consent of the purchaser.

Should the goods or any part thereof be not delivered on the nominated vessel (except in case where prior written consent of the purchaser was obtained), the supplier will be liable for all payments and expenses that the purchaser may incur or be put to, by reason of such non-delivery including dead and extra freight, demurrage of vessels and any other charges, whatsoever incurred by the purchaser.

The supplier shall not arrange part-shipments and/or transhipment without the express/prior written consent of the purchaser. Where the supplier is required under the contract to deliver the goods under CIF/CIP terms, no further restriction shall be placed on the choice of the ocean carrier except that the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country.

In case of airlifting of imported goods offered from abroad, the same will be done only through the National Carrier i.e. Air India wherever applicable.

10.2 Instructions for transportation of domestic goods including goods already imported by the supplier under its own arrangement:

In case no instruction is provided in this regard in the SCC, the supplier will arrange transportation of the ordered goods as per its own procedure.

10.3 In the case of FOB/FCA contract, the date of issue of the Bill of Lading/Air Way Bill shall be considered the date of delivery.

11. Insurance:

11.1 Unless otherwise instructed in the SCC, the supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the following manner:

i) Wherever necessary, the goods supplied under the contract shall be fully insured in a freely convertible currency in the manner specified in the contract. If considered necessary, the insurance may be done for coverage on “all risks” basis including war risks and strike clauses. The amount to be covered under insurance should be sufficient to take care of the overall expenditure, which may be incurred due to any such damage, loss etc.

ii) where delivery of imported goods offered from abroad is required by the purchaser on CIF/CIP basis, the supplier shall arrange for insurance for an amount equal to one hundred and ten percent of the CIF or CIP value of the goods from “warehouse to warehouse” (final destination) on “all risks” basis including war risks and strikes and pay for the insurance, making the purchaser as the beneficiary.

iii) Where delivery is on FOB/FAS basis, marine/air insurance shall be the responsibility of the purchaser.

iv) in case of supply of domestic goods on Delivery Duty Paid (DDP) basis, the supplier shall be responsible till the entire stores contracted for arrive in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured. The insurance cover shall be obtained by the Supplier in its own name and not in the name of the Purchaser or its Consignee.

12. Spare parts

12.1 If specified in the List of Requirements and in the resultant contract, the supplier shall supply/provide any or all of the following materials, information etc. pertaining to spare parts manufactured and/or supplied by the supplier:

a) The spare parts as selected by the purchaser to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
b) In case the production of the spare parts is discontinued:

i) Sufficient advance notice to the purchaser before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and

ii) Immediately following such discontinuation, providing the purchaser, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the purchaser.

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods so that the same are supplied to the purchaser promptly on receipt of order from the purchaser.

13. Incidental services

13.1 Subject to the stipulation, if any, in the SCC (Section – V), List of Requirements (Section – VI) and the Technical Specification (Section – VII), the supplier shall be required to perform the following services.

i) Installation & commissioning, Supervision and Demonstration of the goods

ii) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.

iii) Training of Consignee’s Doctors, Staff, operators etc. for operating and maintaining the goods

iv) Supplying required number of operation & maintenance manual for the goods


The supplier shall send all the relevant despatch documents well in time to the purchaser to enable the purchaser clear or receive (as the case may be) the goods in terms of the contract.

Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

A) For Domestic Goods, including goods already imported by the supplier under its own arrangement

Within 24 hours of despatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract):

Four copies of supplier’s invoice showing contract number, goods description, quantity, unit price and total amount;

Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;

Two copies of packing list identifying contents of each package;

Inspection certificate issued by the nominated Inspection agency, if any.

Certificate of origin;

Insurance Certificate; &

Manufacturer’s/Supplier’s warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

Within 24 hours of despatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract):

- Four copies of supplier’s invoice showing contract number, goods description, quantity, unit price and total amount;
- Original and four copies of the negotiable clean, on-board Bill of Lading/Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway bill;
- Four Copies of packing list identifying contents of each package;
- Insurance Certificate;
- Manufacturer’s/Supplier’s warranty certificate;
- Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
- Manufacturer’s own factory inspection report;
- Certificate of origin
- Port of Loading;
- Port of Discharge and
- Expected date of arrival.

15. **Comprehensive Warranty**

15.1 The supplier warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per the purchaser’s specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.

15.2 This warranty shall remain valid for five (5) years after the goods or any portion hereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser in terms of the contract, unless specified otherwise in the SCC.

a. No conditional warranty like mishandling, manufacturing defects etc. will be acceptable.

b. Warranty as well as Comprehensive Maintenance Contract will be inclusive of all accessories /spares and Turnkey work including:-
   - X-ray and CT tubes and high-tension cables.
   - Helium replacement
   - Any kind of motor.
   - Plastic & Glass Parts.
   - All kind of sensors including oxygen sensors.
   - All kind of coils, probes and transducers including ECG cable, BP transducers, SpO2 Probes, Ultrasound and Colour Doppler Transducers/ probes, BP cuffs, Defibrillator internal and external paddles, chart recorders, ventilator reusable patient circuits, servo humidifier with chamber, electrodes and probes for blood gas analyzer, MRI coils.
   - All kind of flat panel sensors and cassettes for DR & CR systems and patients handling trolleys
   - Printers and imagers including laser and thermal printers with all parts.
   - UPS including the replacement of batteries.
   - Air-conditioners, etc.....

c. Replacement and repair will be undertaken for the defective goods.

d. Proper marking has to be made for all spares for identification like printing of installation and repair dates.

15.3 In case of any claim arising out of this warranty, the purchaser/consignee shall promptly notify the same in writing to the supplier.

15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter.

15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

15.6 If the supplier, having been notified, fails to rectify/replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed
fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

15.7 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.

15.8 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years after the expiry of Warrantee period.

15.9 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the Purchaser.

15.10 During maintenance & warranty period the bidder’s technical representative, shall attend to the machine /equipment within 48 hours and ensure uptime on immediate basis and shall ensure presence at NEIGRIHMS for 24 hours, after uptime is ensured.

16. Assignment

16.1 The Supplier shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Purchaser's prior written permission.

17. Sub Contracts

17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the supplier from any of its liability or obligation under the terms and conditions of the contract.

17.2 Sub contract shall be only for bought out items and sub-assemblies.

17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 (“Country of Origin”).

18. Modification of contract

18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,

b) Mode of packing,

c) Incidental services to be provided by the supplier

d) Mode of despatch,

e) Place of delivery, and

f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case.

18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the supplier doesn’t agree to the adjustment made by the purchaser, the supplier shall convey its views to the purchaser within twenty-one days from the date of the supplier's receipt of the purchaser's amendment / modification of the contract.

19. Prices
19.1 Prices to be charged by the supplier for supply of goods and provision of services in terms of the contract shall not vary from the corresponding prices quoted by the supplier in its tender and incorporated in the contract except for any price adjustment authorised in the SCC.

20. Taxes and Duties

20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.

Further instruction, if any, shall be as provided in the SCC.

21. Terms and Mode of Payment

21.1 Payment Terms

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

A) Payment for Domestic Goods Or Foreign Origin Located Within India.

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

On delivery:

90% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:

- Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- Two copies of packing list identifying contents of each package;
- Inspection certificate issued by the nominated Inspection agency, if any.
- Insurance Certificate;
- Certificate of origin.

On Acceptance:

Balance 10% payment would be made against ‘Final Acceptance Certificate’ as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

B) Payment for Imported Goods:

Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:

I) FOB Contracts:

a) On Shipment:

Ninety (90) % of the net FOB price (FOB price less Indian Agency commission) of the goods dispatched shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country and upon submission of documents specified hereunder/90 days credit:

- Four copies of supplier’s invoice showing contract number, goods description, quantity, unit price and total amount;
- Original and four copies of the negotiable clean, on-board Bill of Lading/Airway Bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway Bill;
- Four Copies of packing list identifying contents of each package;
- Manufacturer’s/Supplier’s warranty certificate;
- Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
- Manufacturer’s own factory inspection report;
- Certificate of origin by the chamber of commerce of the concerned country;
- Port of Loading and
- Port of Discharge

The above documents (i - viii) shall also be received by the purchaser at least one week before arrival of goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.

b) **On Acceptance:**

Balance payment of 10 % of net FOB price of goods would be made against ‘Final Acceptance Certificate’ as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any.

c) **Payment of Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training)** will be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

d) **Payment of Indian Agency Commission:**

Indian Agency commission will be paid to the manufacturer’s agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing reference rate established by the Reserve Bank of India on the date of price bid opening /approval of competent authority /financial concurrence, whichever is lower) and shall not be subject to further escalation / exchange variation. Payment shall be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

II) **DDP Contracts:**

a) **On Shipment:**

Ninety (90) % of the net CIF price (CIF price less Indian Agency commission) of the opened in favour of the supplier in a bank in his country and upon submission of documents specified in 1(a)

b) **On Acceptance:**

Balance payment of 10 % of net CIF price of goods would be made against ‘Final Acceptance Certificate’ as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any.

c) **Payment of Custom Duty amount with CDEC (if applicable), Customs Clearance and handling charges, Loading/Unloading, Road permit charges, Inland Transportation, Incidental Costs till consignee site & Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training)** will be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal. Special permission (Road permit –entry in the state of Meghalaya) shall be obtained from the office of Sales Tax, Government of Meghalaya by submitting the Proforma Invoice and cost of Court fee stamp /Revenue stamp. The Institute shall facilitate obtaining permission of the special permission.

d) **Payment of Indian Agency Commission:**

Indian Agency commission will be paid to the manufacturer’s agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing reference rate established by the Reserve Bank of India on the date of price bid opening /approval of the competent authority /financial concurrence, whichever is lower) and shall not be subject to further escalation / exchange variation. Payment shall be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

c) **Payment of Turnkey, if any:**
Turnkey payment will be made to the manufacturer’s agent in Indian rupees indicated in the relevant Price Schedule (as per prevailing reference rate established by the Reserve Bank of India on the date of price bid opening/approval of the competent authority/financial concurrence, whichever is lower) and shall not be subject to further escalation/exchange variation. Payment shall be made in Indian Rupees to the Indian Agent on proof of 100% payment to the Foreign Principal.

**D) Payment for Annual Comprehensive Maintenance Contract Charges:**

The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 10% of the CMC value as per contract in the prescribed format given in Section XV valid till 2 months after expiry of entire CMC period.

21.2 The supplier shall not claim any interest on payments under the contract.

21.3 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.

21.4 Irrevocable & non-transferable LC shall be opened by the purchaser/consignees. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser/consignee, the charges thereof shall be borne by the supplier.

21.5 The payment shall be made in the currency/currencies authorised in the contract.

21.6 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.

21.7 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

21.8 While claiming reimbursement of duties, taxes etc. (like GST, custom duty) from the purchaser, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the purchaser forthwith.

21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of received copies of Inspection Note from the consignee/user department and the consignee/user department has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee’s receipt certificate after three months from the date of the preceding part payment for the goods in question, subject to the following conditions:

(a) The supplier will make good any defect or deficiency that the consignee(s) may report within six months from the date of despatch of goods.

(b) Delay in supplies, if any, has been regularized.

(c) The contract price where it is subject to variation has been finalized.

(d) The supplier furnishes the following undertakings:

“
I/We, __________________ certify that I/We have not received back the Inspection Note duly receipted by the consignee or any communication from the purchaser or the consignee about non-receipt, shortage or defects in the goods supplied. I/We ______ agree to make good any defect or deficiency that the consignee may report within three months from the date of receipt of this balance payment.

22. Delay in the supplier’s performance
22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the purchaser in the List of Requirements and as incorporated in the contract.

22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:

(i) Imposition of liquidated damages,
(ii) Forfeiture of its performance security and
(iii) Termination of the contract for default.

22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the purchaser in writing about the same and its likely duration and make a request to the purchaser for extension of the delivery schedule accordingly. On receiving the supplier’s communication, the purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier’s contractual obligations by issuing an amendment to the contract.

22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, interalia contain the following conditions:

(a) The purchaser shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.

(b) That no increase in price on account of any ground, whatsoever, including any stipulation n the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty, excise duty, GST, CGST, IGST and Works Contract Tax or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.

(c) But nevertheless, the purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, GST, CGST, IGST and Works Contract Tax or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the purchaser for extension of delivery period and obtain the same before despatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and/or any other expense related to such supply shall lie against the purchaser.

23. Liquidated damages

23.1 Subject to GCC clause 26, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the purchaser shall, without prejudice to other rights and remedies available to the purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached purchaser may consider termination of the contract as per GCC 24.

During the above-mentioned delayed period of supply and/or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.

24. Termination for default

24.1 The purchaser, without prejudice to any other contractual rights and remedies available to it (the purchaser), may, by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual
obligation(s) within the time period specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC sub-clauses 22.3 and 22.4.

24.2 In the event of the purchaser terminates the contract in whole or in part, pursuant to CC sub-clause 24.1 above, the purchaser may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the purchaser for the extra expenditure, if any, incurred by the purchaser for arranging such procurement.

24.3 Unless otherwise instructed by the purchaser, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for insolvency

25.1 If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to the purchaser.

26. Force Majeure

26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.

26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of , the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.

26.3 If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. 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.

26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.

26.5 In case due to a Force Majeure event the purchaser is unable to fulfil its contractual commitment and responsibility, the purchaser will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

27.1 The purchaser reserves the right to terminate the contract, in whole or in part for its (purchaser's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the purchaser. The notice shall also indicate interalia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.

27.2 The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of the notice of termination shall be accepted by the purchaser following the contract terms, conditions and prices. For the remaining goods and services, the purchaser may decide:

a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
b) To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. **Governing language**

28.1 The contract shall be written in English language following the provision as contained in GIT clause 4. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written accordingly in that language.

29. **Notices**

29.1 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable or telex or facsimile and confirmed in writing. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.

29.2 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

30. **Resolution of disputes**

30.1 If dispute or difference of any kind shall arise between the purchaser and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the purchaser or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India. In the case of a dispute or difference arising between the Purchaser/Consignee and Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to Director, NEIGRIHMS, Shillong and the decision of Director, NEIGRIHMS, shall be final and binding on the parties to the contract.

30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., Shillong.

30.4 The courts at Shillong will have the jurisdiction to try any matter, dispute or reference between the parties arising out of the contract. It is specifically agreed that no court outside and other than Shillong court shall have jurisdiction in the matter.

31. **Applicable Law**

The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.

32. **General/ Miscellaneous Clauses**

Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.

Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.

The Supplier shall notify the Purchaser/Director, NEIGRIHMS, Shillong of any material change would impact on performance of its obligations under this Contract.

Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Director, NEIGRIHMS for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Director, NEIGRIHMS against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.

The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Director, NEIGRIHMS against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.

All claims regarding indemnity shall survive the termination or expiry of the contract
SECTION – V
SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below.

These Special Conditions will modify/substitute/supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

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SECTION – VI
LIST OF REQUIREMENTS

Part I

<table>
<thead>
<tr>
<th>Schedule No.</th>
<th>Brief description of goods and services (Related specifications etc. are in Section -VII)</th>
<th>Accounting unit</th>
<th>Quantity</th>
<th>Amount of Earnest Money Deposit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

120 days from date of Notification of Award, inclusive of 30 days for Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in the e-bidding documents (Bidders may quote earliest schedule).

b) For Imported goods directly from foreign:

(i) FOB Contracts

120 days from the date of operation of Letter of Credit , inclusive of 30 days for Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in the e-bidding documents (Bidders may quote earliest schedule).

(ii) DDP Contracts

120 days from the date of operation of Letter of Credit , inclusive of 30 days for Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in the e-bidding documents (Bidders may quote earliest schedule).

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13 and Part IV: Turnkey (if any) as per details in Technical Specification.

Part IV:

Turnkey (if any) as per details in Technical Specification

Part V:

Comprehensive Maintenance Contract (CMC) as per details in Technical Specification.

Part VI:

Required Terms of Delivery and Destination

a) For Indigenous goods or for imported goods if supplied from India:
120 days from the date of operation of Letter of Credit, inclusive of 30 days for Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in the e-bidding documents (Bidders may quote earliest schedule).

b) For Imported goods directly from foreign /abroad:

FOB Contracts or DDP Contract: 120 days from the date of operation of Letter of Credit, inclusive of 30 days for Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in the e-bidding documents (Bidders may quote earliest schedule).

The foreign tenderers are required to quote their rates on DDP Consignee Site Basis giving break up of the price as per the Proforma prescribed in the Price Schedule. Purchaser reserves the rights to place the order either on FOB basis or on DDP Consignee Site basis.

In the case of FOB basis Contracts, shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping & Transport (Chartering Wing), New Delhi, India as detailed in Annexure 2 at Section XX. In the case of DDP Consignee Site basis Contracts, shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping & Transport, New Delhi, India as detailed in Annexure 1 at Section XX.

Destination/Consignee details are given in Section XXII
Section – VII
Technical Specifications

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Equipment</th>
<th>Quantity</th>
<th>Manufacturer /Company</th>
<th>Earnest Money Deposit (EMD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Catheterization Laboratory /Cath Lab with Digital Subtraction Angiography Equipments, with detailed turnkey works</td>
<td>01 unit</td>
<td></td>
<td>Rs 21,00,000.00 (Rupees Twenty One lakhs only)</td>
</tr>
</tbody>
</table>

Additional Requirement:
- Cost of all accessories, spares, consumables, disposables, cables, probes, etc should be offered by the bidder and the rates should be valid for a period of ten years. All bidders have to compulsorily declare the list with item wise cost of accessories and consumables not covered exclusively with the warranty and CMC of the offered system. The declaration of all accessories /consumables need to be detailed and shall be treated as per condition of contract and should be given in Section XI (B) Price Schedule.
- Cost consumables and accessories (not listed in BOQ ) which are not covered under warranty (no spare parts will be considered as consumables /accessories ) & CMC period has to quote in schedule XI(B) as percentage value in the technical bid, or else will be consider to be cover throughout the warranty & CMC period.
- Bidders /Vendors have to supply 5% additional nuts, bolts, castor wheels, locks, keys, handles spring, PVC brackets and other minor accessories within the cost offered.
- Bidder should give a written declaration that no other consumables /accessories /spares are required for the offered system apart from the quoted items /list.
- The cost of Accessories, Consumables not covered in warranty /CMC shall have to be offered in the techno-commercial bid in the schedule “marked” Section XI (B) Price Schedule and cost to be offered in percentage (against the item quoted) of FOB Price /Ex – Factory Price of BOQ (Price Bid).
- Equipment with 5 years warranty and thereafter 5 years CMC and with complete turnkey works, if any will be taken for the purpose of price evaluation.
- Should be BIS/IS/ISO13485 certification standard approved products. Should confirm to all international safety standards, turnkey installation and with warranty and CMC as indicated and which shall be considered for the evaluation of the price bids.

Minimum Reserve Value for buy back of the old system

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of Stores</th>
<th>Make</th>
<th>Qty.</th>
<th>Minimum Reserve Declared Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mobile Cath Lab with DSA</td>
<td>Make: Allengers Medical Systems Ltd.; Model: Allengers Life; Year: 2008</td>
<td>01 unit</td>
<td>Rs 59,740.58 (Rupees Fifty Nine thousand Seven hundred Forty and Fifty Eight paisa only)</td>
</tr>
</tbody>
</table>

Note:
- The price offered in the e-price bid /BOQ shall be considered as inclusive of the buy back value.
- The buy back value of the system /assets should also be indicated in the techno-commercial bid as percentage of the offered FOB /Basic Cost of the system /assets in order to arrive at Book /Reserve value for the record of the Institute.
- The buy back value should essentially cover the Minimum Reserve Declared Value.
- The Institute reserve the right to trade or not to trade the old existing machines offered while purchasing a new one.

Price Schedule - Comprehensive Maintenance Contract (CMC)

1. The bidder should offer the cost of Comprehensive Maintenance Cost (CMC) for 5 years from 6th to 10th year in the BOQ (Price bid). The break up year wise, as percentage, may be offered in the techno-commercial bid at Section IX (D) Price Schedule for CMC.
2. If the break up year wise percentage is not indicated by the bidder, the same may be taken in equitable basis in all the five years of CMC.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Brief Description Of Goods</th>
<th>Quantity</th>
<th>6th a</th>
<th>7th b</th>
<th>8th c</th>
<th>9th d</th>
<th>10th e</th>
<th>Total Annual Comprehensive Maintenance Contract Cost for 5 Years (\text{[5} \times (a+b+c+d+e)] ) (for quantity indicated in column 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Catheterization Laboratory /Cath Lab with Digital Subtraction Angiography Equipments</td>
<td>01 unit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cost of Comprehensive Maintenance Cost (CMC) for 5 years from 6th to 10th year is to be offered in the BOQ (e-Price bid).</td>
</tr>
</tbody>
</table>
Technical Specification:
Cath Lab with Digital Subtraction Angiography Equipment, with detailed turkey works, with 5 years warranty and thereafter 5 years CMC.

**TECHNICAL SPECIFICATION**
Purchase of Advanced and Latest State of the art, Cath Lab with digital subtraction angiography equipment, with floor mounted C-arm/L-arm imaging system or ceiling system with extended rail (subject to submission of feasible lay out plan for installation within the existing site) and flat detector technology, for cardiac interventional, vascular, procedures on buy back basis.

- Technical specification for Advanced and Latest State of the art, Cath Lab with digital subtraction angiography equipment, with floor mounted C-arm/L-arm imaging system or ceiling system with extended rail (subject to submission of feasible lay out plan for installation within the existing site) and flat detector technology, for cardiac interventional, vascular, procedures on buy back basis-For Department Of Cardiology, NEIGRIHMS.

  Please note that the installation, if ceiling mounted, must not crowd the working environment and must insure that there is free and unhindered movement of other ceiling suspended items such as radiation protection shield, injector & monitors among others. The system should permit free and complete access, from both sides of the table to the patient. The vendor must demonstrate the above by video/ live demonstration and provide an undertaking to this effect. Automatic remote parking by remote control of C arm well away from patient table should be possible in case of life emergency treatments, such as CPR.

  The system should have user defined various programmed positions of the C-arm/L-arm. System should have capability of preprogrammed precise positioning of C-arm/L-arm.

  Preprogrammed position save option for C-Arm is available. or ceiling with extended rail (subject to submission of feasible lay out plan for installation within existing site). The table system should be multipurpose for various interventional procedures.

  It should be possible to position the C-arm on both left and right & head side of patient for greater access to patient.

  All movements should be motorized with C-Arm angulations of RAO/LAO CRAN/CAUD at head-end position.

  It should be possible to PAN the patient longitudinally along the table and Imaging should be possible at any position of the C-arm. System should have capability of preprogrammed precise positioning of C-arm/L-arm.

  Table should rotate +90degree and -90degree in case of emergency for free access around the patient should be possible.

  Motorized/manual peripheral position for peripheral and vascular intervention should be available.

  The system should have user defined various programmed positions of the C-arm. C-arm must be mounted on a floor stand with programmed positions on the wheel/ceiling with extended rail mounting system (subject to submission of feasible lay out plan for installation in existing site and proof of unhindered movement of other ceiling mounted accessories).

  The vendor must demonstrate the above by video/ live demonstration and provide an undertaking to this effect.

  Simultaneous movement of two axis for isocentric positioning. All movements of gantry should be controlled from the joystick on the table side as well as control panel.

  Patient table with carbon fiber table top or equivalent material and capability for easy patient transportation and increasing throughput. It should be long enough to completely cover the patient length.

  Table should have free-floating table top with motorized vertical travel.

  The table should have motorized/manual axis tilt with head-down and head-up of at least +/- 15 degrees. In addition transverse tilt of the table may be quoted as option and price should be quoted separately.

  System should have provision for collision protection.

  Table edge should be suitable for a wide range of accessories like arm rest, hand grips. The table should have synchronized patient orientation setting between interventional table and System advanced Functionality: Transverse, Longitudinal, Up/Down & rotational movement.

  The table top should be equipped with gantry controls, table system controls, collimation controls and Intravenous poles.

  Please specify the range of table travel in longitudinal and vertical directions; head up and down tilt angles as well as speed.

  Table should support patient weight of 200kgs or more.

  The table should have head to toe coverage without need for repositioning of the patient. Please specify the table dimensions.

  System should have well designed footswitch for releasing fluoroscopy, acquisition and table brakes with preferably two wired/ cordless footswitch.
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19. Accessories for the table should include:
   i. Head fixing aids (n=2)
   ii. Chin support (n=2)
   iii. Carbon fibre radiolucent arm support (n=4)
   iv. Body straps (n=2)
   v. Shoulder harness (n=2)
   vi. Ankle restrainer (n=2)
   vii. Soft mattress (n=2)
   viii. Drip stands (n=2)
   ix. Peripheral filter set, catheterization arm support (n=2)

x. Radiation protection Lead flaps on table for patient.

B. X-Ray system Generator
1. High frequency X-ray generator with automatic regulation of radiation dose rate for all fluoroscopy and angiography acquisition mode.
2. The minimum power rating should be 100KW or more.
3. Fluoroscopy exposure and mA should be automatically controlled & fluoroscopy, mA 10-130 mA
4. System should have pulsed fluoroscopy system. Please provide details.
5. Selection of all reference images with variable Cine loop replay facility & last image hold facility during fluoroscopy.
   - Acquisition speed of the detector panel should be 12 fps or more.
   - Acquisition speed for DSA should be 4 frame/sec to 6 frame/sec or higher.
   - Selection of all reference images with variable C-Arm position should be possible.
   - Cine loop replay facility & last image hold facility during fluoroscopy.
   - Image storage capacity of at least 90,000 images in 1024x1024 matrix at 10 / 12 bits on the main system disk.
   - The system should have direct digital Subtraction Angiography facility in 1024x1024/12 bit matrix.
   - Digital angiography without subtraction also, must be available in the system.
   - The system should have facility for road mapping of good quality. Read.
   - The system should have foot pedal control and digital subtraction angiography capability.

E. Image display system
1. 55 inch or more display monitor in examination room for simultaneous display of max 6 images (at least live, reference with back up monitor at the back of large display. The image resolution should be ultra high definition with high luminance at par with highest standard available in the industry.
2. Console room should also have at least two 30 inch or more medical grade display monitor for simultaneous display of patient demographics, live image, reference image & 3D rotational angiographic images.

F. Control Console
1. All system movements of C-arm, table, image display, image review, image post processing and quantification shall be controlled both by the operator at the table in the angio room.
   - Dedicated fluoroscopy and DSA acquisition facility should be possible both from the angio room and console room.
   - The system should have facility for edge enhancement; positive/negative image display, windowing, contrast/brightness, electronic shuttering, image/pixel shifting, vertical and horizontal image reversal, zoom functions. Stacking software for CO2 imaging should be available. System should have facility to allow overlaying of fluoroscopy and reference images with fade-in and fade-out of these images possible.
   - The system should have fast and direct access to all series, single images, in both examination and control room.
   - System should have angle/distance measurement, image labeling and patient positioning facilities.
   - System should have a dualized dosimeter on the console and also in the angio room monitor to display online, actual radiation dose.

G. Digital Archiving and Retrieval
1. The system should have provision for recording in DICOM 3.0 (or higher version) Medical format on CD/DVD with capability of transfer of images.
2. Dynamic viewing of CD images, single frame step by step, fast forward & fast rewind.
3. Image transfer from digital system should be possible in background mode without affecting the system operation. The system should be compatible and linked to the existing PACS system.
4. One color laser direct Dicom printer and one laser printer should be supplied along with the system.
5. It should be possible to quickly retrieve the angiographic study which is stored on the equipment server and/or the
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departmental PACS/HIS within less than a minute. Also complete post processing of these retrieved cases should be possible (e.g., subtraction, pixel shifting, masking, measurements etc.)

6. The system should be fully linked to PACS/HIS. All necessary licenses for patient registration and data transfer in both directions (including the MMWP and DML licenses) are to be provided by the manufacturer.

H. Essential Accessories that must be supplied as part of machine

1. TWO state of the art High Pressure injector (one ceiling mounted and another mobile) of reputed make should be supplied, coupled with DSA system. a) Ceiling mounted injector- It should not interfere with movement of C-arm/L-arm. System should have programmed flow rate, volume, with variable pressure limits for all type of angiographies with disposable high-pressure syringes.

It should be supplied with ready syringes (syringes to be supplied in staggered fashion as per departmental requirement). Unit price of each 50 syringe pack should be quoted in the bid and this will be valid for subsequent 10 years b) Mobile injector- System should have programmed flow rate, volume, with variable pressure limits for all type of angiographies with disposable high-pressure syringes. The details of the make of the mobile injector must be provided. It should be Medrad Mark V Provis injector (or equivalent) with 150 ml syringe. It should be supplied with 500 Syringes (syringes to be supplied in staggered fashion as per departmental requirement). Unit price of each 50 syringe pack should be quoted in the bid and this will be valid for subsequent 10 years

2. Lead glass at least 100 x 150 cm for console room to have complete view of the patient.

3. Ceiling suspended lead glass radiation protection system and table side protection system.

4. Over and under the couch mobile dockable lead shield system (MAGIG)

5. Ten zero lead aprons ( wrap around skirt type) with integrated thyroid shields, Ten universal lead eye glasses, 10 lead caps, mid tall mobile x-ray barrier (2 No.), short mobile x-ray barrier (2 No.) and wall mounted aprons racks (6 apron) — 6 No.

6. Suitable UPS of at least 160 kVA with 30 mins back up for entire system. Changing of batteries in the entire period of warranty & CMC should be in the scope of the vendor.

7. Necessary furniture and fire extinguisher system for composite Interventional Cardiology suite. The fire protection system must include high sensitivity smoke detectors, a sprinkler system for the entire structure and a clean agent system (e.g. Inergen/FM200 or equivalent) for fire within closed compartments.

8. A central hemodynamic 12-channel monitor for ECG, 3 channel IBP, Blood pressure, respiration, SPO2, and NIBP pulse oximeter. (Adult & Pediatric B.P cuffs) in the cathlab rooms and must be integrated with the central display unit. One additional display unit should be available in the central console room for reviewing of all the vitals without entering the cathlab room.

9. One ceiling suspended operation lamp with minimum 80000 lux

10. Comprehensive Warranty: 60 months from the date of satisfactory installation. The warranty should cover the main equipment (including the X-ray tube), server, workstations, networking and all third party equipments, as well as all the components of the turnkey work (civil, electrical, air-conditioning&UPS).

11. Comprehensive Maintenance Contract for next five years including all the above components as mentioned in point 10.

12. Technical specifications for syringe infusion pumps — 4 Nos. should be supplied.

i. Should accommodate standards 20/50 ml syringe with automatic syringe recognition.

ii. Should work on both 220V AC mains and an in-built rechargeable battery.

iii. Battery life of at least 3 hours when fully charged.

iv. Flow rate range 0.1 to 99.9 ml/hr IN 0.1 ml increments.

v. Drive accuracy ± 3%

vi. Should have the following audio and visual alarms:

- Power supply failure
- Low battery
- Near empty syringe
- Occlusion

vii. Adjustable occlusion pressure

viii. Ability to deliver bolus dose.

ix. KVD mode (Keep vein open).

x. Display of volume infused.

xi. Display of driving pressure

xii. Capable of complete inter feasibility with RS 232 port availability.

13. Two desktop computer (HP/DELL or equivalent at least 8 GB RAM & 1 TB hardisk and 17 configuration with LED monitors of minimum 21 inch) and one laser Network Printer (HP/Samsung or equivalent) of high resolution (at least 1200 dots per inch) with minimum 128 MB memory and 1200 dpi should also be offered for high quality image printing on A4 paper. The vendor should supply 20 reels of glossy printing papers. At least 5 set of cartridges per annum to be provided by vendor for the warranty period. Antivirus and other software should be preinstalled for at least 5 yrs duration.

14. A stand alone 10 TB image archiving solution with software from the same equipment vendor (should be quoted as an option).

15. Specifications of Defibrillator — 02 No. to be supplied RIS approved

• Defibrillator should be Biphasic.

• Should monitor ECG and Display them. (12 lead)

• Should print the ECG on thermal Printer.

• Should work on manual and automated external defibrillation mode.

• Can be operated from mains as well as battery.

• Should be capable of delivering energy up to 360 joules.

• Should monitor ECG through paddles and monitoring electrodes and defibrillate through pads and paddles.

• Should compensate for body impedance for range of 25 to 150ohms.

• Should have charging time of less than 5 seconds for maximum energy.

• Should have a bright electroluminescent display of viewing massages and ECG wave of 4 seconds.

• Should have external paddles with paddles contract indicator for good paddle contact, Both adult and pediatric/infants and neonates paddles should be available.

• Should have event summary facility for recording and printing at least 250 events and 50 waveforms.

• Should have a battery capable of usage for at least 90 minutes of 40 discharges.

• Should be capable of printing reports on Events summary/configuration self-test, battery capacity etc.

• Should have facility for self test/ check before usage and setup function.

• Should be capable of delivering energy in increments of 1-2 joules up to 360 Joules and increments of maximum 50 joules thereafter.

• Screen size should be 8” or more
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16. Ultrasonic pest repellents- Four units to be provided and installed

17. Patient address system -Slim Hand free microphones and loud-speakers to communicate between patients in examination room andconsole room

18. Optional – Dosimetry system with 6 personal dosimeters and a centralized dose data recording station should be quoted. The personal dosimeter should be Wi-Fi connected to central station

19. **ICE (Intra Cardiac Echocardiography) for Arrhythmias compatible with existing EP lab (Make: St.Jude):**
   Intracardiac Echocardiograph (ICE) Feature capable of providing detailed intracardiac echocardiograph imaging of the cardiac anatomy along with a compatible Ultrasound system to be provided for the 3D electro-anatomical system.
   - A fully versatile echo imaging platform that utilizes intra cardiac electrocardiography(ICE) technology in invasive setting to visualize cardiac structures and blood flow.
   - It provides digital image acquisition and display of images from the *intra cardiac* probe inserted into the heart through intravascular access.
   - Tissue Harmonic Imaging with patented Pulse Inversion Technology.
   - Imaging Modes: 2-D, M-Mode, PW & CW Doppler, Color Flow Doppler, Tissue Doppler
   - DICOM Networking Compatibility
   - CD, DVD, thumb drive and PC format export capability
   - TEE and surface probe compatible
   - Interface capability with existing Conventional EP Lab platform.
   - Should provide increased consistence from user to user and should adjust imaging parameters with the push of a button.
   - Should provide fully articulating flicker free 19-inch-high resolution flat panel display with nearly infinite positioning adjustments.
   - Support for up to three on-board peripherals or probes
   - On board patient reporting with embedded images.
   - Adaptive image processing for noise and artifact reduction to improve tissue conspicuity.
   - System should ISO /BIS Approved
   - System should have a standalone ICE technology. It can be used individually in different types of cases like during ASD/VSD/PDA devices and Electrophysiology procedures both.
   - Compatible ICE catheters should be quoted along with the system.
   - The Consumables quoted, and the system should be preferably from the same manufacturer.

20. **ANGIO SIMULATOR**
   - The system should be fully computerized and interactive.
   - The system should have simulation of endovascular procedures using 5 simultaneous access sites.
   - The following access sites should be available:
     - 2 femoral arteries/veins access sites (EVAR, Transapetal Puncture)
     - Subclavian artery/vein access site (CRM, EP Basic Skills, Aortic Valve Replacement)
     - Pedal Access site (Below the Knee)
     - Radial artery access site (Coronary radial access)
   - Should allow the simulation of endovascular procedures which require the use of two access sites simultaneously in the same intervention, such as EVAR/TEVAR (right and left femoral arteries) or Transapetal Puncture using ICE (femoral vein and artery)
   - Should have tactile feedback and enable hands on control and manipulation of up to 6 interventional devices simultaneously.
   - Should have Integrated cart with two adjustable screens:
     - 49” screen for fluoro, 3D display and hemodynamic display.
     - 19” flat panel, touch screen monitor for operator control.
   - Should have human patient mannequin covered with a surgical sheet for realistic simulation.
   - Should have a motor-based height-adjustable patient table
   - Should have an extension table for more convenient work area.
   - Should facilitate space for tools, devices and spare parts storage as part of the system.
   - Should have integrated control panel for control over C-Arm and patient table.
   - Should have 3 pedal footswitch for fluoroscopic activation, DSA, and Cine Recording.

**Should have the following modules / cases:**

**BASIC SKILLS MODULES**

**Endovascular Basic Skills –**

- Should contain at least six different tasks with non anatomical and anatomical vascular settings.
- Should have a task to master use and manipulation of endovascular tools in both non-anatomical and anatomical settings
- Should have a task to gain familiarity with different guide wire diameter/curves and various catheter head shapes
- Should have a task to practice wire-catheter manipulation
- Should have a task to master acquiring stability of guidewire-catheter-sheath system
- Should have a task to practice performing non-selective and selective arteriography
- Should have a task to practice cannulating a branch in a reversed manner in different aortic arch types
- Should have a task to practice selective catheterization of different branches and 3rd order vessel
- Should have a task to practice navigating up and over different types of aortic bifurcation
- Should have a task to practice navigating across an area of high tortuosity
- Should have a task to cannulate a stent graft contralateral gate using an angled catheter and a wire
- Should have a task to practice acquiring and using a roadmap
- Should have a task to practice correct c-arm positioning for optimal visualization of vessel take-off

**Cardio Basic Skills:**
- Should allow cardiology residents to learn, practice and gain confidence in core cardiology catheterization skills.
- Should have tasks built in a didactic, self-directed manner.
- Should allow practice variety of core cardiology skills, including:
  - Performing diagnostic aortography
  - Inserting and operating an intra-aortic balloon pump
  - Performing left ventricular angiography
  - Measuring ejection fraction

**EP Basic Skills**
- Should allow practice of core electrophysiology skills in virtual 3D maze (non-anatomical) as well as 3D or fluoroscopic anatomical model.
- The trainee should be able to manipulate a deflectable catheter (EP, Mapping or Ablation catheter), using a realistic handle, to the labelled targets, and in some tasks to navigate the catheter to anatomical targets.
- The trainee should receive score after end the task.
- The module should feature a bi-plane display.
- Should help trainee to establish knowledge of intracardiac anatomy relevant to Electrophysiology
- Should help trainee to develop eye-hand coordination
- Should help trainee to practice deflectable catheter maneuvering and navigation in 3D environment
- Should help trainee to practice operation of realistic handles of EP catheter, Ablation catheter and Mapping catheter
- Should help trainee to practice pulmonary vein mapping and ablation

**NEUROVASCULAR INTERVENTIONS MODULES**

**Carotid Intervention**
- Should provide practice of all aspects of the carotid stenting procedures, including carotid angiography, protection device deployment, PTA and stenting.
- Should have 12 virtual patient anatomies including aortic arch type I, II, III and Bovine.
- Should have complications such as spasm or baroreceptor response that can occur during the case.
- Should allow the use of drugs to treat hemodynamic changes.

**Cerebral Intervention**
- Should provide practice of cerebral diagnostic and interventional procedures.
- Should have 6 aneurysms embolization and three lesion stenting cases.
- Should have complications such as aneurysm perforation, dissection, spasm and stent thrombosis.
- Should have bi-plane fluoroscopy view
- Should allow simulation of balloon remodeling

**Acute Ischemic Stroke**
- Should allow the trainee to practice various techniques for the treatment of intracranial ischemic stroke.
- Should have 4 virtual patients vary in aortic arch types and clot locations.
- Should allow working with mechanical thrombectomy device.
- Should have complications such as aneurysm perforation, dissection, spasm and stent thrombosis.
- Should have bi-plane fluoroscopy view
- Should allow simulation of balloon guide catheter

**PERIPHERAL INTERVENTIONS MODULES**

**Renal Intervention**
- Should help trainees experience treating renal stenting of ostial and non ostial lesions.
- Should have patients with Fibromuscular Dysplasia (FSD).
- Should include 8 virtual patient cases with different renal arteries orientations, tortuosity and pathologies of the renal arteries.
- Should have femoral and brachial approach

**Iliac Intervention**
- Should provide practice for angioplasty or stenting of the iliac arteries.
- Should have at least 6 virtual patient cases with the variation in lesion length and type, aortic bifurcation anatomy, presence of atherosclerotic disease and tortuosity.
- Should allow practicing crossover (retrograde) or an ipsilateral (antegrade) approach.
- Should have complications as perforation and dissection.
- Should allow collimation to reduce patient’s exposure to radiation, and promote radiation safety.

**SFA Intervention**
<table>
<thead>
<tr>
<th>Tender Enquiry No: NEIGR/S&amp;P/OT/E-47/2019 - 2020</th>
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<tbody>
<tr>
<td><strong>Atherectomy:</strong></td>
</tr>
<tr>
<td>- Should provide practice of angioplasty or stenting of the SFA arteries.</td>
</tr>
<tr>
<td>- Should have 6 virtual cases with the variation in lesion length and type, aortic bifurcation anatomy, presence of atherosclerotic disease and tortuosity.</td>
</tr>
<tr>
<td>- Should allow practicing crossover (retrograde) or an ipsilateral (antegrade) approach.</td>
</tr>
<tr>
<td>- Should also allow trans-stenosis pressure gradient measurement.</td>
</tr>
<tr>
<td>- Should have complications as perforation and dissection.</td>
</tr>
<tr>
<td>- Should allow collimation to reduce patient's exposure to radiation, and promote radiation safety.</td>
</tr>
<tr>
<td><strong>Lower Extremeties CTO:</strong></td>
</tr>
<tr>
<td>- The modules should allow clinicians to practice atherectomy technique for treatment of stenosis in the SFA and infra-popliteal arteries.</td>
</tr>
<tr>
<td>- The module should have 6 virtual patient cases, presenting various stenosis locations, degree and lengths.</td>
</tr>
<tr>
<td>- Should have simulated atherectomy devices including atherectomy catheter and burr systems.</td>
</tr>
<tr>
<td>- The trainee should operate the actual handles and get tactile feedback while hearing drilling sounds throughout the debulking process, making the training very realistic.</td>
</tr>
<tr>
<td>- Should have intra-procedural complications such as perforation, dissection and distal embolization, which require additional treatment by the trainee.</td>
</tr>
<tr>
<td><strong>Below The Knee —</strong></td>
</tr>
<tr>
<td>- Should have 3 virtual patient cases and provide several common endovascular revascularization methods.</td>
</tr>
<tr>
<td>- Should include antegrade, subintimal and retrograde techniques.</td>
</tr>
<tr>
<td>- Should have complications as perforation.</td>
</tr>
<tr>
<td><strong>Peripheral Embolization —</strong></td>
</tr>
<tr>
<td>- Should have 6 virtual patient cases including scenarios requiring embolization, such as renal aneurysm, arteriovenous fistula, arteriovenous malformation, GI bleeding and pre/post AAA stent grafting endoleak.</td>
</tr>
<tr>
<td>- Should have complications such as spasm and coil migration.</td>
</tr>
<tr>
<td><strong>Embolotherapy Module</strong></td>
</tr>
<tr>
<td>- Should be a module designed for interventional radiologists and allows practice of different embolization techniques in various clinical scenarios.</td>
</tr>
<tr>
<td>- Should have at least 3 virtual cases including TACE and PAF.</td>
</tr>
<tr>
<td>- Should allow the use of both femoral and radial approaches.</td>
</tr>
<tr>
<td>- Should include Intra-procedural complications such as radial artery spasms, brachial artery loop untargeted embolization and more.</td>
</tr>
<tr>
<td>- Should allow the use of variety of embolic agents: spherical, non-spherical, bland and mixed with chemotherapeutic drugs.</td>
</tr>
<tr>
<td>- Should have hint modes allowing the training to gain better understanding of the embolization progress and proper positioning of the micro-catheter.</td>
</tr>
<tr>
<td><strong>Trauma Management:</strong></td>
</tr>
<tr>
<td>- Should include 4 virtual patients.</td>
</tr>
<tr>
<td>- Should allow several trauma-related treatments.</td>
</tr>
<tr>
<td>- The Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) technique</td>
</tr>
<tr>
<td>- Trauma related embolization scenarios</td>
</tr>
<tr>
<td><strong>Venous Intervention —</strong></td>
</tr>
<tr>
<td>- Should include at least 3 virtual patients that vary in their venous anatomy, lesion location and size.</td>
</tr>
<tr>
<td>- Should allow angioplasty and stenting of the upper veins.</td>
</tr>
<tr>
<td><strong>AORTIC INTERVENTIONS MODULES</strong></td>
</tr>
<tr>
<td><strong>EVAR —</strong></td>
</tr>
<tr>
<td>- Should provide comprehensive hands on EVAR training using stent graft systems and touch up ballooning.</td>
</tr>
<tr>
<td>- Should have seven virtual patients vary in aneurysm size, aortic neck angulation and iliac arteries tortuosity.</td>
</tr>
<tr>
<td>- Should have complications like endo leaks type I and II.</td>
</tr>
<tr>
<td>- Should also have self guided tutorial case.</td>
</tr>
<tr>
<td>- Should be provided with any one of the different devices: Gore, Medtronic, Lombard, Vascutek, Endologix, Cordis and Jotec.</td>
</tr>
<tr>
<td><strong>TEVAR —</strong></td>
</tr>
<tr>
<td>- Should have six challenging virtual patients vary in aneurysm size, location and shape as well as patient’s hemodynamics.</td>
</tr>
</tbody>
</table>
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- Should include intra-procedural complications such as endoleaks and subclavian artery blockage.
- Should be provided with any one of the different devices: Gore and Medtronic.

ADVANCED TEVAR MODULE:
- The module should allow clinicians to practice all procedural steps of endovascular acute and chronic dissection treatment using stent graft systems.
- The module should have practiced steps include:
  - Passing a guide wire into the true lumen (avoiding the false lumen)
  - Selecting an appropriate stent graft
  - Positioning a stent graft in the correct landing zone
  - Deploying the stent graft
  - Final angiography – verifying leaks
- The module should feature:
  - IVUS imaging
  - Incorrect stent graft size or positioning may trigger endoleaks, which can be resolved using a balloon
  - Tools may accidently enter the false lumen
- Should include learning objectives:
  - To practice the procedural steps
  - To learn how to correctly size the stent graft
  - To handle procedural complications, such as endoleak or false lumen
  - To practice identifying false lumen positioning of a tool
  - To become familiar with IVUS imaging

STRUCTURAL HEART DISEASE MODULES

Aortic Valve Replacement –
- Should provide comprehensive training of the Transcatheter Aortic Valve Implantation (TAVI) using femoral or subclavian approach.
- Should have 6 virtual patient cases with anatomical variations such as heart orientations, annulus sizes, calcification levels of the valves and degree of left ventricular hypertrophy.
- Should have complication scenarios including LV perforation, valve pop up, low implantation, paravalvular leak and access site bleeding.

ASD / PFO Closure –
- Should provide practice for the treatment of congenital structural heart diseases, focused on closure of cardiac ASD/PFO defects.
- Should have 5 cases each represented with various anatomicies
- Echocardiography should be optionally available using real time ICE with real ICE handle and TEE.
- Should allow sizing of the defect using a balloon.
- Echo features should include Doppler assessment, anatomical labels and pre-set views.

LAA Closure –
- Should provide practice of LAA closure intervention, including all procedural steps – transseptal puncture, device sizing, device positioning, deployment, recapture and evaluation.
- Should have 6 cases with different anatomicies and self-guided tutorial case.
- Echocardiography should be optionally available using real time ICE with real ICE handle and TEE.
- Echo features should include Doppler assessment, anatomical labels and pre-set views.
- Should include complications like aortic puncture, pericardial effusion and air embolism.

CORONARY INTERVENTIONS MODULES

Coronary Intervention –
- Should have 10 virtual patient scenarios with unstable angina, acute coronary syndrome and acute MI.
- Should allow practice of coronary angiography and intervention.
- Should have right and left dominant coronary anatomy with different stenosis locations.
- Should allow practicing aspiration of thrombus.

Trans radial Coronary Intervention –
- Should allow practicing coronary angiography and intervention using transradial approach.
- Should include 8 virtual patient scenarios with anatomical variations that present challenges in transradial approach, such as brachial loop, tortuous subclavaian and CABG.
- Complications may arise such as spasm and perforation.
- Should include both right- dominant and left-dominant anatomical variations.

Coronary Bifurcation –
- Should have 4 cases with bifurcation lesions allowing practice of advance stenting techniques of bifurcation lesions.
- Should allow practicing of the following techniques:
  - Provisional optimization techniques:
The module should provide practice of atrial fibrillation (AF) treatment using pulmonary vein isolation.

- Should allow practice of 2 ablation technologies – Cryoaablation and RF Ablation.
- Should include complications such as pericardial effusion, aortic puncture and phrenic nerve damage, which can occur during the case as a result of trainee actions or can be triggered by the proctor.
- The module should contain realistic EP signals that allow the trainee to interpret the pulmonary vein isolation status in real time.
- The module should contain realistic EP signals that allow the trainee to interpret the pulmonary vein isolation status in real time.
- Should include ECHO guidance using real-time ICE with a dedicated ICE catheter and handle.
- Should allow simulation of all procedural steps, including placement of HIS and CS catheters and transseptal puncture.

**Electrophysiology Modules**

**AF Ablation**

- Should have 3 virtual patient scenarios of CTO (chronic total occlusion).
- Should allow the use of both antegrade and retrograde approaches.
- Should also allow practicing of advanced interventional techniques:
  - True lumen to true lumen
  - Dissection re-entry
  - Wire escalation technique
- Should allow the use of special CTO tools such as Cross Boss and CTO wires.

**Coronary CTO**

- Should have 3 virtual patient scenarios of CTO (chronic total occlusion).
- Should allow the use of both antegrade and retrograde approaches.
- Should also allow practicing of advanced interventional techniques:
  - True lumen to true lumen
  - Dissection re-entry
  - Wire escalation technique
- Should allow the use of special CTO tools such as Cross Boss and CTO wires.

**Transseptal Puncture**

- Should have 11 virtual patient cases each presented with various anatomies and different stiffness of the Fossa Ovalis.
- Should allow the maneuvering of the EP catheter into the coronary sinus and the Josephson catheter in the HIS area.
- Should have complications such as pericardial effusion and aortic puncture.
- Should have self-guided tutorial case.
- Should have live U/S guidance with ICE using a dedicated ICE catheter and handle.
- Should have live U/S guidance with TEE using a real TEE probe inserted into the mannequin.

**GENERAL**

- Should be ISO and CE certified.
- Should have an option to export the 3D model to a .stl file to a CAD software or physically printing in a 3D printer for the purpose of simulating, analyzing and evaluating pre-operative surgical treatment options.
- Should facilitate web based simulator curricula management system, providing the optimal solution for administration of users, curricula design, pre-preparation with didactic learning, simulation and reporting and assessment remotely.
- Should have ready to use designed curricula from world famous institutes.
- Should have a facility to access, assign, evaluate and administer the data of users remotely.

**ELECTROPHYSIOLOGY MODULES**

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22 Zero gravity suspended radiation protection system (Biotronik or equivalent make) – 1

23 3D mapping anatomical Electrophysiology system compatible with existing EP lab of same make St. Jude Medical/Abbott: Following general features should be available.

1. Capable of 3D non-fluoroscopic mapping of arrhythmia facilitates radio frequency ablation.
2. Electro anatomic 3D mapping should be based on location technique using electrical field current and Magnetic Field.
3. Platform based on PC computer.
4. The equipment should be State of Art with capability to create 3D map of multiple Arrhythmias.
5. System should be based upon open platform allowing the use of any make of regular EP catheters form multiple manufacturers for both 3D Mapping & Ablation.
6. Intuitive Graphical representation of catheters up to 256 Shadows to identify previous position.
7. System should offer both Contact & Advanced Non-Contact Mapping for multiple arrhythmias.
8. Should have the capability of Single Beat Non-Contact Mapping to treat Non- sustained arrhythmias & create Voltage Map from a SINGLE PVC beat.
9. Intuitive Simultaneous Graphical display with Real time navigation. Should offer uninterrupted view of
unlimited number EP catheters and minimum 128 Catheter Electrodes in a three-Dimensional Map.
10. Must have the capability to record simultaneously up to 3000 Virtual Unipolar Electrograms & display them as
selected by user.
11. Should store permanently at least 10 beats of patient data & have the facility to make a Map from stored ECG in
the Review mode.
12. Should have Respiration compensation facility by measuring actual change by impedance & modest patient
movement should not affect the procedure.
13. Should have the capability of creating Real time geometry from up to 20 electrodes on the catheter
14. Should offer Fly Eye mode to check the electrode signals & impedance.
15. Should offer 1 TB Hard drive with separate partition of 400 GB of patient data storage
16. Should offer option of doing pediatric cases as well on the 3D system.
17. Should offer feature of simultaneous Real time and Review Options.
18. While doing complex fractionated electrogram (CFE) mapping system should allow user to define data
collection interval from 1-8 seconds.
19. 3D system should be able to integrate with all the equipment’s in the Cath lab including wide range of
Recording system, Generators (including Cryo).
20. 3D System should have a minimum of 2 KHz sampling rate for best signal quality.
21. Should be BIS approved as mark of quality standard.
22. Should provide the software and option of Remote clinical support
23. Should have advanced capability of displaying simultaneous two live maps- Voltage and time maps.
24. Should display both Bipolar and Unipolar maps for enhanced visualization.
25. Should be able to do faster high-density mapping by allowing point collection from all electrodes of the
catheter.
26. Should provide option of Automatic mapping of the defined area for faster mapping and marking points
automatically.
27. Should provide compatible Contact Force Technology.
28. The supplier should provide the saline flow irrigation pump (with options for both low and high flow rates) and
integration to the RF ablator to facilitate irrigated ablation. It should be possible to switch between both low and
high flow rates automatically (preferably) or manually.

25

Turnkey

1. INTERIOR FINISHES:
1.1. Walls:
   All the walls should be mentioned as per machine requirement.
   - Outer walls of Angio CT room should be constructed with 9” thick brick work.
   - All walls should be finished with DuPont ™ Corian/equivalent solid surface material that create spaces that,
     with proper cleaning (stability against bacteria and fungi), according to European standard and should be Stain
     resistant & Slip resistant. Walls of UPS/ Cabinets rooms shall be finished with POP and Paint.

1.2. Flooring
   - Flooring in console Patient preparation and Examination room should be 600x600 mm vitrified non-slippery
     tile. (Kajaria, Johnson & Johnson make).

1.3. False Ceiling:
   - Power coated Light weight Aluminum False Ceiling acoustically treated, Armstrong Modular Grid Ceiling of size
     600x600 suspended on inter locking metal grid should be done in all rooms.
   - Gypsum false ceiling with sky panel should be provided in Angio CT Exam room.
   - Picture light should be provided at the centre of ceiling.

2. DOORS & WINDOWS

Doors:
- ISI marked commercial flush door (35 mm thick) with laminate on both side and 2mm thick lead sheet finish
  should be installed, hold fasts and accessories as per the proposed layout design for the facility. (2 no. Lead
  Lined Door including the main entry door). The doors should be provided with minimum 7-lever pad locks, rest
  all other doors would be of commercial flush door with laminate on both side.

Windows:
- wooden framed window with 2mm thick lead on all edges of the frame with lead glass (150x150cm) should be
  installed in the console room.

3. FURNITURE:
- Furniture of HermanMiller, Godrej, Featherlite, Geeken equivalent make:

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200mm x 900mm work station Tables to be customized at site</td>
<td>2</td>
</tr>
<tr>
<td>Revolving chairs with user-adjustable height, medium backrest height, with hand-rest</td>
<td>8</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairs for patient waiting area- three-seater (chrome plated)</td>
<td>4</td>
</tr>
<tr>
<td>Providing and placing Cupboard with laminate door shutters for storage of spare parts, accessories and records, as per requirement (2500x900x600) (customized at site)</td>
<td>3</td>
</tr>
<tr>
<td>Aluminum plated footrest</td>
<td>1</td>
</tr>
<tr>
<td>Name boards for all rooms</td>
<td>5</td>
</tr>
<tr>
<td>Dustbins (plastic with lid)</td>
<td>4</td>
</tr>
</tbody>
</table>

HVAC Works:
- Ductable Split units, amounting to a total tonnage of 22 TR, (16.5 TR Working + 5 TR Standby) of Bluestar or equivalent make. Make: Blue Star/LG/Carrier/Voltas/Equivalent
- Temperature range considered for area under scope should be 22±2 degree Celsius

FIRE DETECTION WORKS
- Fire detection system should comprise of ‘smoke cum heat’ detectors installed at appropriate locations within the facility along with response indicator. Sounders/strobes and should be integrated with the nearest hospital fire system panel.
- Supply & installation of dry CO₂ type fire extinguisher five nos. of 5kg capacity should be provide at suitable locations to combat any accidental fire

ELECTRICAL WORKS:
- Total load of the equipment, accessories and other items to be mentioned by the supplier.
- The supplier will provide load cable up to electrical room of angiography suite. This should include cabling connection to the hospital generator facility.
- Electrical work should consist of point wiring in all rooms, using copper wiring, sockets & switches (renowned make like Finolex, Havells, V-Guard etc. or equivalent).
- Cable trench and trays should be provided.
- Switches: lights and power point should be of modular type of standard make. (Legrand, L&T, Crabtree, Roma)
- Providing and fixing Recessed type 1 x 36W LED down lighter fixture of approved make and brand without LED driver, all necessary lamps & mounting accessories complete as required, etc. (Make : Crompton Cat LCTLS-36-CDL Philips / Crompton / Wipro / Syska or equivalent).
- Providing and fixing Recessed type 1 x 18W LED down lighter fixture of approved make and brand without LED driver, all necessary lamps & mounting accessories complete as required, etc. (Make : Crompton Cat LCTLS-18-CDL Philips / Crompton / Wipro / Syska or equivalent).
- Few lights in each room should be connected to the UPS to provide emergency lighting.
- Furnish & install the main incomer MCCB along with power distribution panel for the complete facility including the machine, UPS input, AC, Power & lighting etc.
- Main switchgears, fuse units shall be L&T / Siemens/ GE
- Required Eight nos. of Earth pits considered, upto a depth of 3 mts including accessories and masonry enclosure with cover plate and filled with charcoal/coke and salt as required.
- Telephone cables should be of Finolex & RR cables, Havells & Ecko brands.
- All the cables, Pipes and Manifold lines routed thought the proposed site to be shifted by the vendor before handing over the site for site modification works

ELECTRICAL PANELS:
Supply, Installation Testing and Commissioning of Electrical Panels with all accessories, as per BIS requirement including wiring and all electrical works from the panel to the Cath Lab /Cardiology ICU.

COMMUNICATION:
- Cabling of Network (LAN) connectivity for all system including console system, workstation and computers along with connectivity to nearest point of hospital should be done. Vendor will be responsible for all networking and connection with existing network of hospital.

EXTERNAL WORKS:
- Platform for unloading and shifting of Angio equipment to be provided if required.

Guarantee/Warranty
1. Five year comprehensive onsite warranty of entire system. This will be followed by 5 years comprehensive maintenance contract for all equipments including accessories. 2. All accessory equipment including cables, adapter, connecters should be included in comprehensive warranty. 3. X ray tube warranty should be for 10 years.
4. Post warranty on site annual comprehensive maintenance contract to cover, complete system including all components, accessories, should be quoted separately for additional five years with year wise break up. 5. Uptime guarantee of 95% must be agreed. Penalty clause will be applicable if the downtime of the unit exceeds 5% of the permissible downtime. The penalty will be in the form of extended warranty beyond 5 years, which will be equal to the period of double the number of days for which the unit is non-functional.

General Instructions for the Vendor
- Supplier should give a live demonstration of the quoted model and demonstrate all its features.
- Supplier must ensure availability of expertise service and maintenance at site of installation. Uninterrupted availability of spare parts and repair for next ten years must be assured.
- Two bid system: vendor is required to make separate bids for technical and price components. These should be quoted in two separate sealed envelopes.
Please note that all technical features, facilities and accessories mentioned in the tender documents are standard requirements and hence, these should be offered as the standard feature. None of these should be offered as optional items.

In price bid, cost of locally supplied items must be quoted separately in Indian currency.

Please respond to each specification in the same format and order as mentioned in the tender document and specify/indicate the page number and paragraph for verification from the product data sheet against each column.

Original product data sheets, complete manuals and other necessary documents should be provided. Photocopies of these documents or printouts of the email/web pages will not be accepted.

When required, information other than those in the data sheets should be provided as a separate document from the principals only and should refer to the specific sections being addressed. When standard vendor data sheet disagrees with the bid response (offer/compliance statement), clarification should accompany in the form of certificate from the principals only. In absence of this, the vendor data sheet will prevail for the purpose of evaluation and decision of the technical committee would be final and binding on the supplier.

It will be the responsibility of the vendor to perform periodic QA examination and uploading the report on AERB website. Vendors will also be responsible for complying all the AERB guidelines during installation of equipment and the period of warranty and subsequent CMC/AMC.

Mention the number (with addresses and phone numbers) of installations of the quoted unit in India and abroad.

Free upgrade(s) not involving any hardware as applicable should be provided during the period of warranty/CMC.

Unit price of all consumables should be quoted at the time of purchase, for the whole life of machine.

Any representation regarding technical specification mentioned in the tender shall reach department two days prior to pre-bid meeting & maybe discussed in prebid meeting for consideration.

2. Documentation:

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

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

3. Cost consumables and accessories which are not covered under warranty (no spare parts will be considered) & CMC period has to quote in schedule XI as percentage value in the Technical Bid, or else will be consider to be cover throughout the warranty & CMC period.

4. Calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual has to be done throughout the warranty & CMC period.

5. Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Para number of original catalogue / data sheet and the offer details has to submit in the technical bid. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.

6. Certificate of inspection and quality control indicating the S / N for all non-consumable items with date at the time of installation.

7. All the technical specifications accepted in the compliance statement must be supported by Original Literature from the firm/O.E.M with Highlighting, Numbering & flagging in the compliance statement.

3. Environmental factors:


2. The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15-90%.

3. The unit shall be capable of being stored continuously in ambient temperature of 10-50 deg C and relative humidity of 15 – 90%.

4. Warranty and Maintenance:

1. Warranty for 5 years followed by CMC for 5 years including Spares &service.

2. Mandatory 2 PMs / Year with unlimited breakdown calls has to be attended by the bidder/manufacturer throughout the warranty & CMC period at site i.e. NEIGRIHMS, SHILLONG.

3. Duly signed Mandatory PM reports have to be submitted periodically, failing which necessary action will be initiated as per term & condition of the tender.
Site Layout:
GENERAL TECHNICAL SPECIFICATIONS

1. Warranty:
   a) Five years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, Stabilizers, ..... and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
   b) 98% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
   c) All software updates should be provided free of cost during Warranty period.

2. After Sales Service:

   After sales service centre should be available at the city of Hospital/Institution/ Consignee on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by Tenderer/Indian Agent. Undertaking by the Principals that the spares for the equipment shall be available for at least 10 years from the date of supply.

3. Training:

   On Site training to Doctors/ Technicians/ staff is to be provided by Principal/ Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee.

4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Turnkey:
   a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including all spares for UPS, other vacuumatic parts,Stabilizers....) and Turnkey (if any). The supplier shall visit each consignee site as recommended in the manufacturer’s technical/ service /operational manual, but at least once in six months during the CMC period.
   b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
   c) Cost of CMC will be added for Ranking/Evaluation purpose.
   d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 10 % of the CMC value as per Section XV valid till 2 months after expiry of entire CMC period. The same will be taken at Net Present Value with a 10% discounting factor each year.
   e) There will be 98% up time warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
   f) During CMC period, the supplier is required to visit at each consignee’s site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
   g) All software updates should be provided free of cost during CMC.
   h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
   i) The payment of CMC will be made as stipulated in GCC Clause 21.
   j) In case, the company /manufacturer wants take the goods for repair, outside of the Institute, a standby system of similar type has to be provided by the company /manufacturer.

Turnkey:
The Tenderer shall examine the existing site where the equipment is to be installed, in consultation with HOD of Hospital/Institution/consignee concerned. Turnkey details are given at the end of Technical Specification. The Tenderers to quote prices indicating break-up of prices of the Machine and Turnkey Job for Hospital/Institution/consignee concerned. The Turnkey costs may be quoted in Indian Rupee will be added for Ranking Purpose.

The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

The Turnkey Work should completely comply with AERB requirement, if any.

Details of turnkey Work (to be furnished by Hospitals/ Institutes/ Medical College)

**CIVIL WORK** : As per installation requirement

**ELECTRICAL WORK** : As per installation requirement

**AIRCONDITIONING WORK** : As per installation requirement

**EXISTING SITE DRAWING** : As per installation requirement

**PROPOSED TURNKEY SITE DRAWING** : As per installation requirement

**FURNITURE** : As per installation requirement
Section – VIII
Quality Control Requirements

(Proforma for equipment and quality control employed by the manufacturer(s)

Tender Reference No.
Date of opening
Time
Name and address of the Tenderer:

Note: All the following details shall relate to the manufacturer(s) for the goods quoted for.

01 Name of the manufacturer
   a. full postal address
   b. full address of the premises
   c. telegraphic address
   d. telex number
   e. telephone number
   f. fax number

02 Plant and machinery details
03 Manufacturing process details
04 Monthly (single shift) production capacity of goods quoted for
   a. normal
   b. maximum

05 Total annual turn-over (value in Rupees)
06 Quality control arrangement details
   a. for incoming materials and bought-out components
   b. for process control
   c. for final product evaluation
07 Test certificate held
   a. Type test
   b. As indicated in the detailed technical specification
   c. Any other
08 Details of staff
   a. technical
   b. skilled
   c. unskilled

Signature and seal of the Tenderer
Section – IX
Qualification Criteria

01. The tenderer must be a manufacturer. In case the manufacturer does not quote directly, they may authorise their authorized agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.

02. (a) The Manufacturer should have supplied and installed in last three years before the date of Tender Opening, atleast 100% of the quoted quantity of the similar equipment meeting major specification parameters which is functioning satisfactorily. The foreign Manufacturer satisfying the above criteria should also have supplied and installed in last three years before the date of Tender Opening, at least 100% of quoted quantity of similar model which is functioning satisfactorily any where outside the country of manufacture.

02. (b) The Tenderers quoting as authorized representative of the manufacturer shall have three years of experience in the related field and should obtain documents from principals/manufacturer fulfilling the requirements in respect of condition mentioned in 2 (a), taking full responsibility of technical support, service and organizational support.

Note

“We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.”

In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma ‘A’.

The manufacturer as well as the Tenderer/ Indian Agent shall furnish Satisfactory Consignee Certificate in respect of above, duly translated in English and duly notarized in the country of origin, alongwith the tender.

The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.

Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer’s capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.

The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.
**PROFORMA ‘A’**

**PROFORMA FOR PERFORMANCE STATEMENT**

(For the period of last three years)

Tender Reference No: _________________________________

Date of opening : _________________________________

Time : _________________________________

Name and address of the Tenderer : _________________________________

Name and address of the manufacturer : _________________________________

<table>
<thead>
<tr>
<th>Order placed by (full address of Purchaser)</th>
<th>Order number and date</th>
<th>Description and quantity of ordered goods and services</th>
<th>Value of order (Rs.)</th>
<th>Date of completion of Contract</th>
<th>Remarks indicating reasons for delay if any</th>
<th>Have the goods been functioning Satisfactorily (attach documentary proof)**</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>3</td>
<td>4</td>
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<td>6</td>
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</table>

Signature and seal of the Tenderer

** The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished. If at any time, information furnished is proved to be false or incorrect, the earnest money furnished will be forfeited.

* In respect of above certificate from Chartered Account can be produced with all the requisite details.
Section – X
TENDER FORM

Date___________

To
_________________________
_________________________
_________________________

(COMPLETE ADDRESS OF THE PURCHASER)

Ref. Your TE document No. ___________ dated ___________

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. ___________, dated ___________ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver___________ (DESCRIPTION OF GOODS AND SERVICES) in conformity with your above referred document for the sum indicated in the price bid, attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – “Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance as required in the GIT clause 20, read with modification, if any in Section - III – “Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities.

We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any

_____________________
(Signature with date)

_____________________
(Name and designation)
Duly authorised to sign tender for and on behalf of
_____________________

_____________________

_____________________

_____________________

53
SECTION – XI (A) PRICE SCHEDULE

1. The bidders should download the BOQ in excel format from the particular tender in the CPP Portal and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or background shown in the BOQ template or replace it with any other copy of same BOQ in excel format. The Central Public Procurement Portal (www.eprocure.gov.in) will accept the BOQ template only and hence the rate should not be quoted in any other place except BOQ template.

2. The Financial bid (price bid) i.e Bill of Quantity (BOQ) of only technically qualified bidders will be opened online by a committee of members and the result will be displayed on the www.eprocure.gov.in which can be seen by all bidders who participated in the tender.

3. Bidders are advised not to enter anything /or even zero on the items /columns 'NOT QUOTED'.

4. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.

5. The charges for Annual CMC after warranty shall be quoted in the BOQ.

6. Cost of all accessories, cables, electrodes, consumables not included in warranty and CMC cost should be offered by the bidder.

7. Accessories, spares and consumable, if any, should be available for the next ten years.

8. Equipment with 5 years warranty and thereafter 5 years CMC will be taken for the purpose of price evaluation.

9. The cost of Accessories, Consumables not covered in warranty /CMC shall have to be offered in the techno-commercial bid in the schedule “marked” Section XI (B) Price Schedule and cost to be offered in percentage (against the item quoted) of FOB Price / Ex – Factory Price of BOQ (Price Bid).

Signature of Tenderer________________________
Name________________________
Business Address________________________

Seal of the
Tenderer________________________
Place: _________________________
Date: _________________________
**SECTION – XI (B) PRICE SCHEDULE**

PRICE SCHEDULE FOR ACCESSORIES /CONSUMABLES /ETC
(To be quoted as percentage of FOB /Ex-factory price against the item quoted)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Accessories /Consumables</th>
<th>Unit</th>
<th>Basic Price (In %)</th>
<th>GST /Other Taxes (In %)</th>
<th>DDP Price as percentage of FOB Price /Ex-Factory Price (In %)</th>
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</table>

- The cost of Accessories, Consumables not covered in warranty /CMC shall have to be offered in the techno – commercial bid in the schedule “marked” Section XI (B) Price Schedule and cost to be offered in percentage (against the item quoted) of FOB Price /Ex – Factory Price of BOQ (Price Bid).

**SECTION – XI (C) PRICE SCHEDULE**
**Tender Enquiry No:** NEIGR/S&P/OT/E-47/2019-2020

**Price Schedule for Annual Comprehensive Maintenance Contract for a Period of Five Years After Warranty Period**

- After completion of 5 years Warranty period

<table>
<thead>
<tr>
<th>Schedule No.</th>
<th>Brief Description of Goods</th>
<th>Quantity (Nos.)</th>
<th><strong>Annual Comprehensive Maintenance Contract Cost for Each Unit year wise</strong>*.</th>
<th><strong>Total Annual Comprehensive Maintenance Contract Cost for 5 Years</strong> [3 \times (4a+4b+4c+4d+4e)]</th>
</tr>
</thead>
<tbody>
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<td><strong>6th</strong></td>
<td><strong>7th</strong></td>
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<td></td>
<td></td>
<td><strong>a</strong></td>
<td><strong>b</strong></td>
</tr>
</tbody>
</table>

Cost of Annual Comprehensive Maintenance Contract is to be quoted in the BOQ.

**NOTE:**

1. The bidder should offer the cost of Comprehensive Maintenance Cost (CMC) for 5 years from 6th to 10th year in the BOQ (Price bid).
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/service/operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as per format of BOQ.
3. The cost of CMC quoted should be **Exclusive** of applicable tax or as indicated.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98% on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions.
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.
10. During maintenance & warranty period the bidder’s technical representative, shall attend to the machine/equipment within 48 hours and ensure uptime on immediate basis and shall ensure presence at NEIGRIHMS for 24 hours, after uptime is ensured.

Place: __________________________ Signature of Tenderer

Date: __________________________ Name

Business address: __________________________ Seal of the Tenderer

____________________________
Place: __________________________
## SECTION – XI (D) CALCULATION OF LOCAL CONTENT

(In compliance to Public Procurement (Preference to Make in India) Order (PPO), 2017) – Guidelines for Public procurement of Medical Devices.

(To be submitted by the Bidder /Vendor)

### ***Percentages of Minimum Local Content for various categories of Medical Devices for preference in Public Procurement to be declared by the Manufacturer:-***

<table>
<thead>
<tr>
<th>Category of Medical Devices</th>
<th>Percentage of Minimum Local Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Disposables and Consumables</td>
<td>50%</td>
</tr>
<tr>
<td>Medical Electronic, Hospital Equipment, Surgical Instruments</td>
<td>25%</td>
</tr>
<tr>
<td>Implants</td>
<td>40%</td>
</tr>
<tr>
<td>Diagnostic Reagents /IVDs</td>
<td>25%</td>
</tr>
</tbody>
</table>

### ***Calculation of Local Content:*** (To be submitted by the Bidder /Vendor along with the techno-commercial e-bid)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Make/Manufacturer</th>
<th>Cost of Domestic Product/Component (to be offered as Percentage of FOB/Ex-factory price of the particular item/stores)</th>
<th>Calculation by Manufacturer</th>
<th>Cost of Imported Product/Component (to be offered as Percentage of FOB/Ex-factory price of the particular item/stores)</th>
<th>Total Cost (In Percentage)</th>
<th>Percentage of Local Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>(a)</td>
<td>(b)</td>
<td>(c = a + b)</td>
<td>[d = (a/c)*100]</td>
<td></td>
</tr>
<tr>
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<td></td>
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</table>

**Note:**
- **Cost (Domestic Component):** Sum of the costs of all inputs which go into the product (including duties and taxes levied on procurement of inputs except those for which credit/set-off can be taken) which have not been imported directly or through a domestic trader or an intermediary.
- **Cost (Imported Component):** Sum of the costs of all inputs which go into the product (including duties and taxes levied on procurement of inputs except those for which credit/set-off can be taken).

### Abstract of the Order:

#### 1) Percentage of Minimum Local Content:
Medical Device Industry (MDI) is a multiproduct industry responsible for provisioning of wide variety of crucial medical products ranging from simple tongue depressors & glucometer strips to large radiology & electronic medical equipments. The medical devices industry can be broadly classified as consisting of (a) medical disposables and consumables; (b) medical electronics, hospital equipment, surgical instruments; (c) Implants; and (d) In-Vitro Devices/Diagnostic Reagents. Individually there are around 5000 different kinds of medical devices and it is not practical to prescribe the local content and percentage of preference in domestic procurement for each medical device.

Moreover, DoP is in the process of collecting accurate and reliable data regarding total capacity and production of various categories of medical devices in India, regarding the level of competition in the market in different segment of medical devices and regarding the processes involved in the manufacture of medical devices for prescribing the percentage of minimum local content for each category of medical devices, for purchase of supplies only from local suppliers where the estimated value of procurement is Rs. 50 Lakhs or less and for determining the manner of calculation of local content in the medical devices to be procured by the public
agencies. The percentage of local content, the manner of calculation of the local content and the provision of supplies to be procured from local suppliers only where the estimated value of procurement is Rs. 50 Lakhs or less may be revised after one year or as soon as the relevant data in this regard becomes available whichever is earlier. However for the time being, based on the present level of the understanding of the medical device market in India and discussion with various industry representatives, the following percentages of minimum local content in domestic medical devices for public procurement are prescribed for the various segments of medical devices:

<table>
<thead>
<tr>
<th>Category of Medical Devices</th>
<th>% of Local Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Disposables and Consumables</td>
<td>50%</td>
</tr>
<tr>
<td>Medical Electronic, Hospital Equipment, Surgical Instruments</td>
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<td>Implants</td>
<td>40%</td>
</tr>
<tr>
<td>Diagnostic Reagents /IVDs</td>
<td>25%</td>
</tr>
</tbody>
</table>

2) **Manner of calculation of Local Content:**
   i. Local content of Medical Device shall be computed on the basis of the cost of domestic components in the device compared to the total cost of the device. The total cost of product shall be the cost incurred for the production of the medical device including direct component i.e. material cost, manpower cost and overhead costs including profit but excluding taxes and duties.
   ii. The determination of local content cost shall be based on the following: a) In the case of direct component (material), based on the country of origin b) In the case of manpower, based on domestic manpower
   iii. The calculation of local content of the combination of several kinds of goods shall be based on the ratio of the sum of multiplication of local content of each goods with the acquisition price of each goods to the acquisition price of combination of goods.
   iv. Format of calculation of local content shall be as contained in Enclosure-I.

3) **Requirement of Purchase Preference:** Purchase preference shall be given to local suppliers by all procuring entities as per provisions laid down in para 3 of PPO, 2017 subject to the condition that para 3(a) of the PPO 2017 shall be applicable only when there are two or more than two local suppliers for any tender of value upto Rs. 50 Lakhs and they certify that they can supply the desired medical devices in the required quantities.

4) **Verification of Local Content:**
   a) The local supplier at the time of tender, bidding or solicitation shall be required to furnish self-certification of local content in the format as contained in Enclosure-II.
   b) In each tender, procuring entity shall clearly mention the details of its competent authority which is empowered to look into procurement related complaints and the fees for such complaints, relating to implementation of PPO, 2017.
   c) In case a complaint is received by the procuring entity against the claim of a bidder regarding domestic value addition in medical device, the procuring entity shall have full rights to inspect and examine all the related documents and take a decision. In case any clarification is needed, matter may be referred to DoP.
   d) Any complaint referred to the procuring entity shall be submitted along with all necessary documentation in support of the complaint regarding domestic value addition claimed in medical device and shall be disposed of within 4 weeks of the reference by the procuring entity.
   e) In case, the complaint is referred to DoP by a bidder or procuring entity, the grievance redressal committee to be set up under DoPfor the purpose shall dispose of the complaint.
   f) In case, the matter is referred to DoP, the grievance redressalcommittee shall dispose of the complaint within 4 weeks of its reference and receipt of all documents from the bidder after taking in consideration, the view of the procuring entity. The bidder shall be required to furnish the necessary documentation in support of the local content claimed in medical devices to the grievance redressal committee under DoP within 2 weeks of the reference of the matter. If no information is furnished by the bidder, the grievance redressal committee may take further necessary action, in consultation with procuring entity to establish the bonafides of the claim.
g) In case of reference of any complaint to DoP by the concerned bidder, there would be a fee of Rs. 2 Lakh or 1% of the value of the medical devices being procured (subject to a maximum of Rs. 5 Lakh), whichever is higher, to be paid by way of a Demand Draft to be deposited with the procuring entity, along with the complaints by the complainant. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.

Format for Affidavit of Self Certification regarding Local Content in a Medical Device to be provided on Rs. 100/- Stamp Paper

I ______________________S/o,D/o,W/o_____________, Resident of ______________do hereby solemnly affirm and declare as under:
That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification No: That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content.
That the local content for all inputs which constitute the said medical device has been verified by me and I am responsible for the correctness of the claims made therein.
That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms, based on the assessment of an authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content, action will be taken against me as per Order No. P45021/2/2017-B.E.-II dated 15.06.2017 and Notification No. 31026/36/2016-MD dated ________.
I agree to maintain the following information in the Company’s record for a period of 8 years and shall make this available for verification to any statutory authority:-

i) Name and details of the Domestic Manufacturer (Registered Office, Manufacturing unit location, nature of legal entity)
ii) Date on which this certificate is issued
iii) Medical devices for which the certificate is produced
iv) Procuring entity to whom the certificate is furnished
v) Percentage of local content claimed
vi) Name and contact details of the unit of the manufacturer
vii) Sale Price of the product
viii) Ex-Factory Price of the product
ix) Freight, insurance and handling
x) Total Bill of Material
xi) List and total cost value of inputs used for manufacture of the medical device
xii) List and total cost of inputs which are domestically sourced. Value addition certificates from suppliers, if the input is not in- house to be attached.
xiii) List and cost of inputs which are imported, directly or indirectly

For and on behalf of
(Name of Firm/Entity) Authorized signatory
(To be duly authorized by the Board of Director)

• Bidder /Vendor shall have to submit a Self Certification regarding declaration of Local Content in a Medical Device to be provided on Rs 100.00 Stamp Paper and to fill up the table as provided /instructed in Section – XI (D) Calculation of Local Content.
SECTION – XII
QUESTIONNAIRE

Fill up the Section XXI – Check List For Tenderers and enclose with the Tender

The tenderer should furnish specific answers to all the questions/issues mentioned in the Checklist. In case a question/issue does not apply to a tenderer, the same should be answered with the remark “not applicable”
Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/evidence to substantiate the corresponding statement.
In case a tenderer furnishes a wrong or evasive answer against any of the question/issues mentioned in the Checklist, its tender will be liable to be ignored.
SECTION – XIII
BANK GUARANTEE FORM FOR EMD

Whereas ______________________________ (hereinafter called the “Tenderer”) has submitted its quotation dated _______________ for the supply of __________________________________ (hereinafter called the “tender”) against the purchaser’s tender enquiry No. __________________________________ Know all persons by these presents that we ____________________________________ of _____________________________________ (Hereinafter called the “Bank”) having our registered office at ________________________________ are bound unto ______________________________ (hereinafter called the “Purchaser) in the sum of ___________________________ for which payment will 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 Tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.

(2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-

a) Fails or refuses to furnish the performance security for the due performance of the contract.
   Or
b) Fails or refuses to accept/execute the contract.
   Or
c) If it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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 the two conditions, specifying the occurred condition(s).

This guarantee will remain in force for a period of forty-five days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorised officer of the Bank)

_______________________________________________

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch
SECTION – XIV
MANUFACTURER’S AUTHORISATION FORM

To
_______________________________________________
_______________________________________________

(Name and address of the purchaser)

Dear Sirs,

Ref. Your TE document No ____________, dated _____________

We, ___________________________________ who are proven and reputable
manufacturers of______________ (name and description of the goods offered
in the tender) having factories at_______________________________, hereby authorise
Messrs______________________________(name and address of the agent) to submit a
tender, process the same further and enter into a contract with you against your requirement as
contained in the above referred TE documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs.
__________________________ (name and address of the above agent) is authorised to submit
a tender, process the same further and enter into a contract with you against your requirement as
contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CMC as applicable as per clause 15 of the General Conditions
of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and
services offered for supply by the above firm against this TE document.

Our other responsibility include:-
i) We undertake that we will provide service/spares/accessories etc. though our agent as per terms
and conditions of contract
ii) We undertake that in case of any change of Dealer/Agent, we will inform the Purchaser about the
award of dealership to new agent with address and telephone no.

Yours faithfully,

_______________________________________________
[Signature with date, name and designation]
for and on behalf of Messrs______________________________

[Name & address of the manufacturers]

Note:
• This letter of authorisation should be on the letter head of the manufacturing firm and should
be signed by a person competent and having the power of attorney to legally bind the
manufacturer.
SECTION – XV
BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/
CMC SECURITY

To
Head of Hospital/Institute/Medical College

WHEREAS _____________________________ (Name and address of the supplier)
(Hereinafter called “the supplier”) has undertaken, in pursuance of contract
no_________________________ dated _____________ to supply (description of goods and
services) (herein after 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 Nationalised bank recognised by you for the sum specified therein as
security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW 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 limits 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.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting
us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be
performed there under or of any of the contract documents which may be made between you and the
supplier shall in any way release us from any liability under this guarantee and we hereby waive
notice of any such change, addition or modification.

This guarantee shall be valid up to and including the ______ day of _____________, 20___
…………………………….
(Signature with date of the authorised officer of the Bank)
………………………………………………………….
Name and designation of the officer
………………………………………………………….
………………………………………………………….
Seal, name & address of the Bank and address of the Branch
CONTRACT FORM FOR SUPPLY, INSTALLATION, COMMISSIONING, HANDING OVER, TRIAL RUN, TRAINING OF OPERATORS & WARRANTY OF GOODS

(Address of the purchaser’s Office issuing the contract)
Contract No___________ dated______________

This is in continuation to this office’s Notification of Award No________ dated______________

1. Name & address of the Supplier: ________________________________
2. Purchaser’s TE document No___________ dated__________ and subsequent Amendment No_______ dated__________ (if any), issued by the purchaser
3. Supplier’s Tender No___________ dated__________ and subsequent communication(s) No___________ dated__________ (if any), exchanged between the supplier and the purchaser in connection with this tender.

4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as part of this contract:

(i) General Conditions of Contract;
(ii) Special Conditions of Contract;
(iii) List of Requirements;
(iv) Technical Specifications;
(v) Quality Control Requirements;
(vi) Tender Form furnished by the supplier;
(vii) Price Schedule(s) furnished by the supplier in its tender;
(viii) Manufacturers’ Authorisation Form (if applicable for this tender);
(ix) Purchaser’s Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under clause 1 of Section II - ‘General Instructions to Tenderers’ of the Purchaser’s TE document shall also apply to this contract.

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

(i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

<table>
<thead>
<tr>
<th>Schedule No.</th>
<th>Brief description of goods/services</th>
<th>Accounting unit</th>
<th>Quantity to be supplied</th>
<th>Unit Price</th>
<th>Total price</th>
<th>Terms of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Any other additional services (if applicable) and cost thereof: ____________________________________________

Total value (in figure) ____________ (In words) ___________________________

(ii) Delivery schedule
(iii) Details of Performance Security
(iv) Quality Control
(a) Mode(s), stage(s) and place(s) of conducting inspections and tests.
(b) Designation and address of purchaser’s inspecting officer
(v) Destination and despatch instructions
(vi) Consignee, including port consignee, if any
(vii) Warranty clause
(viii) Payment terms
(ix) Paying authority

(Signature, name and address of the purchaser’s authorised official)
For and on behalf of _______________________
Received and accepted this contract

(Signature, name and address of the supplier’s executive duly authorised to sign on behalf of the supplier)
For and on behalf of _______________________
(Name and address of the supplier)

(Seal of the supplier)
Date: _______________________
Place: ______________________
SECTION – XVI
CONTRACT FORM - B
CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT

Annual CM Contract No._______________________ dated _____________________

Between __________________________________________
(Address of Head of Hospital/Institute/Medical College)

And __________________________________________
(Name & Address of the Supplier)

Ref: Contract No___________ dated______________ (Contract No. & date of Contract for supply, installation, commissioning, handing over, Trial run, Training of operators & warranty of goods)

In continuation to the above referred contract

a) The Contract of Annual Comprehensive Maintenance is hereby concluded as under:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Brief Description of Goods</th>
<th>Quantity (Nos.)</th>
<th>Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*</th>
<th>Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>6th h</td>
<td>7th h</td>
</tr>
</tbody>
</table>

Total value (in figure) ___________________ (In words) ___________________________

b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from ____________ (date of expiry of Warranty) and will expire on ______________ (date of expiry of CMC)

c) The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacummatic parts, _____ & _____) and Turnkey (if any).

d) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

e) During CMC period, the supplier shall visit at each consignee’s site for preventive maintenance including testing and calibration as per the manufacturer’s service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer’s manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods. During maintenance period the bidder’s technical representative, shall attend to the machine /equipment within 48 hours and ensure uptime on immediate basis and shall ensure presence at NEIGRIHMS for 24 hours, after uptime is ensured.

f) All software updates should be provided free of cost during CMC.

g) The bank guarantee valid till ________________ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. ________________ [(fill amount) equivalent to 10 % of the CMC value]
as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser.

h) If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. ___________ (equivalent to 10 % of the CMC value as per contract) shall be payable to the Consignee.

i) **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.

j) **Paying authority:** ___________________________ (name of the consignee i.e. Hospital/Institute/Medical College’s authorised official)

(Signature, name and address of Hospital/Institute/Medical College’s authorised official)  
For and on behalf of ___________________________

Received and accepted this contract

(Signature, name and address of the supplier’s executive duly authorised to sign on behalf of the supplier)  
For and on behalf of ___________________________

(Name and address of the supplier)

(Seal of the supplier)  
Date: ___________________________  
Place: ___________________________
SECTION – XVII
CONSIGNEE RECEIPT CERTIFICATE
(To be given by consignee’s authorized representative)

The following store(s) has/have been received in good condition:

Contract No. & date : ______________________________

Supplier’s Name : ______________________________

Consignee’s Name & Address with telephone No. & Fax No.: ______________________________

Name of the item supplied : ______________________________

Quantity Supplied : ______________________________

Date of Receipt by the Consignee : ______________________________

Name and designation of Authorized Representative of Consignee: ______________________________

Signature of Authorized Representative of Consignee with date: ______________________________

Seal of the Consignee : ______________________________
SECTION – XVIII

Proforma of Final Acceptance Certificate by the Consignee

No____________________ Date__________________

To

M/s ____________________________

Subject: Certificate of commissioning of equipment/plant.

This is to certify that the equipment(s)/plant(s) as detailed below has/have been received in good conditions along with all the standard and special accessories and a set of spares (subject to remarks in Para no.02) in accordance with the contract/technical specifications. The same has been installed and commissioned.

(a) Contract No______________________________________ dated_________

(b) Description of the equipment(s)/plants:_____________________________________

(c) Equipment(s)/ plant(s) nos.:_______________________________________________

(d) Quantity:______________________________________________________________

(e) Bill of Loading/Air Way Bill/Railway Receipt/ Goods Consignment Note no_______________ dated _________________

(f) Name of the vessel/Transporter:___________________________________________

(g) Name of the Consignee:___________________________________________________

(h) Date of commissioning and proving test:____________________________________

Details of accessories/spares not yet supplied and recoveries to be made on that account.

Sl. No. Description of Item Quantity Amount to be recovered No.

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

The supplier has failed to fulfil its contractual obligations with regard to the following:

He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to ‘Technical Specifications’.

He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the period specified in the contract from date of intimation by the purchaser in respect of the installation of the equipment(s)/plant(s).

The supplier as specified in the contract has not done training of personnel.

The extent of delay for each of the activities to be performed by the supplier in terms of the contract is

The amount of recovery on account of non-supply of accessories and spares is given under Para no.02.

The amount of recovery on account of failure of the supplier to meet his contractual obligations is__________________ (here indicate the amount).

Signature
Name
Designation with stamp
He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to ‘Technical Specification’.

He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the purchaser in respect of the installation of the equipment(s)/plant(s).

Training of personnel has been done by the supplier as specified in the contract.

In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned in clear terms.

Provisions of manuals have been adhered to.

**Authorised Signatory of the Bidder**

Certified complying to Electrical /Engineering norms where structural requirements exist.

**Engineering Section /Biomedical Engineer**

Certified the Installation and Commissioning of the Equipment.

**Dean (College) /Medical Superintendent (Hospital) /Deputy Director (A) (General)**

Old Existing Equipments /Stores collected from __________ to ________________, if any equipment has become surplus (In the opinion of the department concerned)

**Incharge Central /Ancillary Store /Stores & Procurement Officer**
Proforma for Bank Guarantee

To,

The Purchaser,

Address

This deed of guarantee made this day of _________________ between (Name of Bank) ________________ (hereinafter called the “Bank”) of the one part, and the __________________________ (The Purchaser) (hereinafter called “The Purchaser”) of the other part.

Whereas __________________________ (The Purchaser) has awarded the Contract bearing No. _______________ dated ________________ for ______________ (Description of Goods) (hereinafter called the contract) to _____________________ (Name of the Supplier) (hereinafter called the Supplier).

In accordance with the provisions and Terms & Conditions of the Contract to provide for 90% payment amounting to Rs. ___________. _______________ (name and address of Contractor) (hereinafter called “the Contractor”) shall deposit with the__________(The Purchaser) a bank guarantee to guaranty his proper and faithful performance under the said Clause of the Contract in an equivalent amount of ________________(amount of guarantee in figures and words).

We, the ____________________ (Bank), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the ________________ (name of the Purchaser) on his first demand through Demand draft payable at Shillong without objection/demur on our part.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between ______________________ (Name of the Purchaser) and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

The guarantee remains valid in full effect from the date of the advance payment received by the supplier under the contract until _______________ (date)

Yours Truly

Signature & Seal :
Name of Bank/Financial Institution :
Address:
Date :
DETAILS OF SHIPPING ARRANGEMENT FOR LINER CARGOES IN RESPECT OF C & F/CIF/TURNKEY/F.O.R CONTRACTS FOR IMPORTS

1. (a) SHIPMENT FROM PORTS OF U.K INCLUDING NORTHERN IRELAND (ALSO EIRE), FROM THE NORTH CONTINENT OF EUROPE (GERMANY, HOLLAND, BELGIUM, FRANCE, NORWAY, SWEDEN, DENMARK, FINLAND AND PORTS ON THE CONTINENTAL SEABOARD OF MEDITERRANIAN (I.E. FRENCH WESTERN ITALIAN PORTS), TO PORTS IN INDIA.

The Seller should arrange shipment of the goods by vessels belonging to the member lines of the India-Pakistan-Bangladesh Conference. If the Seller finds that the space on the ‘Conference Lines’ vessels is not available for any specific shipment, he should take up with India-Pakistan-Bangladesh Conference. Conferity House, East Grinstead, Sussex (UK), for providing shipping space and also inform the Shipping Coordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)
PROFORMA
CONTRACT AGREEMENT FORMAT

THIS AGREEMENT made the _______________, between North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Mawdiangdiang, Shillong – 793018, ("hereinafter called the "purchaser") and _______________ ("hereinafter called the "supplier") of the other part.

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz., _______________ vide Tender Enquiry No._____________ (hereinafter called "the Contract Price") and has accepted a bid by the Supplier for the supply of those goods in the sum of "_____________" (Hereinafter called “the Contract Price”)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
   (a) The Bid Form and the Price Schedule submitted by the Bidder: - _______________
   (b) The Schedule of Requirements: - _______________
   (c) The Technical Specifications: - _______________
   (d) The General Conditions of Contract: - _______________
   (e) The Special Conditions of Contract: - _______________
   (f) 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 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 / services, which shall be supplied / provided by the Supplier, are as under:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of Goods</th>
<th>Unit</th>
<th>Rate per unit</th>
<th>Total Amount (DDP at Consignee Site)</th>
</tr>
</thead>
</table>

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 / Manufacturer)
In the presence of: ____________________________________________

Counter Signed /Confirmed by
___________________________________________________________ (Principal /Manufacturer)

Note: The jurisdiction in respect of settlement of disputes in Stores & Civil contracts shall be as per the Commercial Courts, Commercial Division and Commercial Appellate Division of High Courts (Amendment) Ordinance 2018, wherein the provision for pre-institution mediation, has been made mandatory in respective cases by the parties to the disputes. The mediation shall be under the authorities constituted under Legal Service Authority Act, 1987.
## SECTION – XXI
### CHECKLIST

Name of Tenderer: ______________________________________________________

Name of Manufacturer: ________________________________________________

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Activity</th>
<th>Yes/ No/ NA</th>
<th>Page No. in the TE document</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. a.</td>
<td>Have you submitted hard copy of EMD of required amount for the quoted schedules?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c.</td>
<td>In case Bank Guarantee is furnished, have you kept its validity of 45 days from Techno Commercial Tender Opening date as per clause 19 of GIT?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>Have you enclosed GST registration, PAN Number/Card, ST/SC certificate, valid document regarding the existence and registration of the firm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. a.</td>
<td>Have you enclosed duly filled Tender Form as per format in Section X?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Have you enclosed Power of Attorney in favour of the signatory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Have you enclosed Quality Assurance Certificate &amp; Original Product Catalogue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. a.</td>
<td>Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>In case of Technical deviations in the compliance statement, have you identified and marked the deviations?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. a.</td>
<td>Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>Have you submitted copy of the order(s) and end user certificate?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Have you submitted manufacturer's authorization as per Section XIV?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price Schedule (BOQ) as per Section XI?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. a.</td>
<td>In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b.</td>
<td>In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Have you intimated the name an full address of your Banker (s) along with your Account Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>Have you fully accepted payment terms as per TE document?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL No.</td>
<td>Activity</td>
<td>Yes/ No/ NA</td>
<td>Page No. in the TE document</td>
<td>Remarks</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------------------------------------------------------</td>
<td>-------------</td>
<td>------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>12.</td>
<td>Have you fully accepted delivery period as per TE document?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>Have you submitted the certificate of incorporation?</td>
<td></td>
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</tr>
<tr>
<td>14.</td>
<td>Have you accepted the warranty as per TE document?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.</td>
<td>Have you accepted terms and conditions of TE document?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16.</td>
<td>Have you furnished documents establishing your eligibility &amp; qualification criteria as per TE documents?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17.</td>
<td>Have you furnished Annual Report (Balance Sheet and Profit &amp; Loss Account) for last three years prior to the date of Tender opening?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18.</td>
<td>Have you submitted an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that the firm is not supplying the same item at lower rates quoted in this tender to any Government/Private organization or any other institution during past one year as per “FALL CLAUSE” adhered by DGS &amp; D and other Government agencies.?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Have you submitted an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that there is no vigilance/CBI/FEMA case pending against the firm/supplier (Principal)?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**N.B.**

1. The Tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
2. It is the responsibility of tenderer to go through the TE document to ensure furnishing all required documents in addition to above, if any.

_________________________
(Signature with date)

_________________________
(Full name, designation & address of the person duly authorised sign on behalf of the Tenderer)

For and on behalf of

_________________________

_________________________
(Name, address and stamp of the tendering firm)
**Section – XXII**  
**Consignee List**

<table>
<thead>
<tr>
<th>Consignee Code</th>
<th>Institution</th>
<th>Contact Address.</th>
<th>Tel No</th>
</tr>
</thead>
</table>
| 01             | Director, NEIGRIHMS, Shillong | Director, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, (An Autonomous Institute, under Ministry of Health and Family Welfare, Government of India) Director's Block, Mawdiangdiang, Shillong 793018, Meghalaya. | Website: [www.neigrihms.gov.in](http://www.neigrihms.gov.in)  
Email: storeneigrihms@gmail.com  
Tele /Fax: 0364-2538032 |

NB: The Consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates, Road Permits & Entry Tax Exemption Certificates, wherever applicable, to the supplier.