

**GLOBALTENDER ENQUIRY DOCUMENT  
FOR PROCUREMENT OF MEDICAL  
EQUIPMENT**

**FOR &  
ON  
BEHALF  
OF**

**MINISTRY OF EXTERNAL AFFAIR,  
GOVERNMENT OF INDIA**

**FOR**

**IGICH & 400 BEDDED HOSPITAL,  
KABUL, AFGHANISTAN**



**Tender No: HSCC/PUR/MEA/MEDICAL EQUIPMENT/AFGHANISTAN/2024/77**

**HSCC (India) Ltd  
(A GOVERNMENT OF INDIA ENTERPRISE)**

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**SECTION-I**  
**NOTICE INVITING TENDERS (NIT)**  
**For GLOBAL TENDER ENQUIRY DOCUMENT**

Tender No: HSCC/PUR/MEA/MEDICAL EQUIPMENT/AFGHANISTAN/2024/77 Dated 17.10.2024

- 1) HSCC India Ltd for & on behalf of Ministry of External Affairs invites tenders, from eligible and qualified tenderers for Supply, Installation and commission on turnkey basis of the following Medical Equipment for IGICH Hospital & 400 Bed Hospital at Kabul, Afghanistan.

Sl. No.	Item Description	Department	Qty. (Nos)	Earnest Money Deposit (INR)
1.	MRI1.5 Tesla	400 Bed Hospital, Kabul	1	65,00,000.00
2.	128 Slice CT Scan Machine	IGICH Hospital, Kabul	1	

- 2) Tender timeline:

Sl. No.	Description	Schedule
a.	Dates of sale of tender enquiry documents	17.10.2024 to 08.11.2024, 10.00 hrs to 1400 hrs IST
b.	<b>Pre-bid meeting</b> date, time & venue	<b>24.10.2024 11:00 hrs IST</b> The meeting can be joined by clicking on the below link:  Video call link: <b>Pre Bid Meeting Date &amp; Time to be held through video conferencing as mentioned below link–</b> <a href="https://meet.google.com/cji-izth-wkx">https://meet.google.com/cji-izth-wkx</a>
c.	Closing date & time for <b>Submission of online bids</b>	<b>08.11.2024, 14:00 hrs IST</b>
d.	Closing date & time for submission of tender processing fee and <b>EMD in physical form*</b>	<b>08.11.2024, 14:00 hrs IST</b>
e.	Time and date of <b>opening of online bids</b>	<b>08.11.2024, 14:30 hrs IST</b>
f.	<b>Venue for :-</b> Submission of tender processing fee if any, EMD in physical form.	HSCC (India) Ltd E-6 (A), Sector-1, Noida – 201301

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

Complete set of Bid Documents has been made available at E-Tender portal <https://hsc.enivida.com>, [www.hsccltd.co.in](http://www.hsccltd.co.in), CPPP Portal for downloading from 16.10.2024 to 08.11.2024. Prospective bidders are advised to regularly scan through HSCC E-tender portal <https://hsc.enivida.com> and [www.hsccltd.com](http://www.hsccltd.com) as corrigendum/modification/amendments, if any, will be notified on this portal only and no separate advertisement will be made for this.

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## **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 Abbreviations:**

- (i) "TE 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) "NSIC" means National Small Industries Corporation
- (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) "CD" means Custom Duty
- (xvii) "RR" means Railway Receipt
- (xviii) "BL" means Bill of Lading
- (xix) "FOB" means Free on Board
- (xx) "FCA" means Free Carrier
- (xxi) "FOR" means Free On Rail
- (xxii) "CIF" means Cost, Insurance and Freight
- (xxiii) "CIP (Destinations)" means Carriage and Insurance Paid up to named port of destination. 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.
- (xxiv) "DDP" means Delivery Duty Paid named place of destination (consignee site)
- (xxv) "INCOTERMS" means International Commercial Terms as on the date of Tender Opening
- (xxvi) "CMC" means Comprehensive maintenance Contract (labour, spare and preventivemaintenance)
- (xxvii) "RT" means Re-Tender.
- (xxviii) "GST" means Goods and Services Tax

## **2. Introduction**

- 2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – “List of Requirements”, which also indicates, *inter alia*, 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 submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and 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 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/consignee.

## **4. Language of Tender**

- 4.1 The tender submitted 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 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

- 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

- 8.1 In addition to Section I – “Notice inviting Tender” (NIT), the TE documents include:
- Section II – General Instructions to Tenderers (GIT)
  - Section III – Special Instructions to Tenderers (SIT)
  - Section IV – General Conditions of Contract (GCC)
  - Section V – Special Conditions of Contract (SCC)
  - Section VI – List of Requirements
  - Section VII – Technical Specifications
  - Section VIII – Quality Control Requirements
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  - Section XVI – Contract Forms A & B
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  - Section XVIII – Proforma of Final Acceptance Certificate by the consignee
  - Section XIX – Consignee List
  - Appendix A – DIPP - Public Procurement (Preference to Make in India), Order

- 8.2 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 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 only in the website(s) <http://hsccltd.co.in> or [www.eprocure.gov.in/cppp](http://www.eprocure.gov.in/cppp). **All prospective Tenderer are hereby instructed to visit the website regularly, so that additional documents if any required or any modifications in the tender documents can be done prior to the last date of submission of the Tenders.**



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 in their letter head duly signed and scanned through email to [cpg-group@hsccltd.co.in](mailto:cpg-group@hsccltd.co.in) and [cpghscc@gmail.com](mailto:cpghscc@gmail.com). The purchaser will respond to such request provided the same is received by the purchaser on or before date of pre bid meeting, Notice Inviting Tender of this tender enquiry. Any queries/representations received later shall not be taken into cognizance.

10.2

### **C. PREPARATION OF e-TENDERS**

## **11. Documents comprising the e-Tender**

11.1 The tender(s) shall only be submitted online as mentioned below:

Note:

- (i) The Tender Processing Fee (if any) and EMD have to be submitted in physical form as per Section – I, Notice Inviting Tender of this tender enquiry.

### **A) Details of Technical Tender (Un priced Tender)**

**Bidders shall furnish the following information along with technical tender (in pdf format except point i):**

- 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 (without indicating any prices).
- 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.
- v) Power of Attorney in favor of signatory of Tender/Bid.
- 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(s) as per Section XI filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
- ix) Certificate of Incorporation / a Declaration in case the firm is being a proprietary one/ Documents confirming to Partnership in the country of origin as the case may be.
- x) Self-Attested copies of GST registration certificate and PAN Card.

- xi) Non conviction /no pending conviction certification issued by Notary on judicial stamp paper for preceding three years.
- xii) Self-Attested copies of quality certificates i.e. US FDA /European CE/ BIS Certificate issued by competent authority, if applicable.
- xiii) Documentary evidence stating the status of bidder.
- xiv) Self-attested copies of annual report, audited balance sheet and profit & loss account for preceding three years(i.e 2020-21, 2021-22 & 2022-23) from the date of tender opening.
- xv) Notarized affidavit that tenderer does not have any relation with the person authorized to evaluate technically or involve in finalizing the tender or will decide the use of tendered items.
- xvi) A self-declaration on Rs. 10/-non-judicial Stamp Paper that the rates quoted in the tender are the lowest and not quoted less than this to any Government Institution (State/Central/other Institute in India).
- xvii) Copies of original product catalogues/ data sheet must be enclosed of all quoted items.
- xviii) A tenderer quoting imported goods located within India shall produce documentary evidence of the goods having been imported and already located within India (i.e. Bills of Entry for the quoted items and a self-declaration confirming that the quoted items were imported for the purpose of storage in bidder warehouse and for further sale), along with their techno-commercial bid.
- xix) Documentary evidence for class-I bidder as per Public Procurement (preference to Make- in -India) order 2017 dated 04.06.2020 and its subsequent amendment thereof.
- xiv) Bidders quoting equipment manufactured in countries sharing land border with India shall have to comply with GFR Rule 144 (xi) and have relevant registration.
- xv) The Integrity pact (At Appendix-B) shall be a part and parcel of this document and has to be signed by bidder(s) at the pre-tendering stage itself, as a pre-bid obligation and should be submitted along with the Techno-Commercial Bids. All bidders are bound to comply with the integrity pact clauses. Bids submitted without signing the integrity pact will be ab initio rejected without assigning any reason.

**B) Price Tender:**

1. Prices are to be quoted in the attached Price Bid format online as per the directions on the official website mentioning Model/Make/Details of goods offered.
2. The price should be quoted for the accounting unit indicated on the website.

The bidder shall not submit hard copy of financial bid otherwise his tender shall be straightway rejected. Also, uploading the price bid in prequalification bid or technical bid will result in rejection of the tender.

**Note:**

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

- 11.2 A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.
- 11.3 A tender which does not fulfil any of the above requirements and/or give evasive information/reply against any such requirement, shall be liable to be ignored.
- 11.4 Tender sent by fax/telex/cable/electronically 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 Yen. As regards price(s) for allied services, if any required with the goods, the same shall be quoted in Indian Rupees only if such services are to be performed /undertaken in India. Commission for Indian Agent, if any and if payable shall be indicated in the space provided for in the price schedule and will be payable in Indian Rupees only after satisfactory supply, installation and acceptance of the goods. The rate of conversion shall be taken as on the date of placement of purchase order.
- 12.3 Tenders, where prices are quoted in any other currency may not be accepted and are liable to be ignored.
- 12.4 Deleted

## **13. Tender Prices**

- 13.1 The Tenderer shall indicate on the Price Schedule provided under Section XI 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.
- 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. 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 attached under Section XI (format uploaded in CPPP also).
- 13.4 While filling up the columns of the Price Schedule, 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, Custom Duty and/or GST 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 taxes and duties including Custom duty and/or GST, which will be payable on the goods in India if the contract is awarded;
- c) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage), Loading & Unloading etc. would be borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery, 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 Site Modification Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule.
- 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/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
- b) Price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List
- c) The charges for Insurance (local transportation and storage), custom clearance, forwarding handling would be extended and borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery. 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 charges for Incidental Services, as in the List of Requirements and Price Schedule;
- e) The prices of Site Modification Work (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.

13.5 Additional information and instruction on Duties and Taxes:

13.5.1 If the Tenderer desires to ask for GST or any other taxes 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 taxes and no claim for the same will be entertained later.

13.5.2 Local Duties & Taxes, if any applicable:

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. The purchaser should issue the certificate to the supplier within 21 days from the date of receipt of request from the supplier.

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.

#### 13.5.3 Customs Duty:

The Purchaser will pay/reimburse the Customs duty wherever applicable upon submission of required documentary evidence.

#### 13.5.4 Goods and Services Tax (GST): Deleted

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 noway 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) Deleted.
  - b) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.
  - c) The details of the services to be rendered by the agent for the subject requirement.
  - d) Details of Service outlets in India, nearest to the consignee(s), to render services during the Warranty and CMC period.
  - e) A copy of agreement between the Agent & their principal detailing the terms & conditions as well as services and after-sales services as above to be rendered by the agent and the precise relationship between them and their mutual interest in the business as laid out in section VII (Technical specifications).
  - f) Principal's/Manufacturer's original Proforma Invoice with the price bid

#### **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. Bidders are requested to quote BOQ wise unit price (**uniform unit prices must be quoted for same BOQ items across India**) and total price. If a firm quotes NIL Charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

#### **16. Alternative Tenders**

- 16.1 Alternative Tenders are not permitted.
- 16.2 However the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.
- 16.3 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, and Principal/OEM cannot authorized two agent simultaneously for the same item against same Tender Enquiry. 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.

**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 A (i) 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 during the tender validity period as Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or with National Small Industries Corporation, New Delhi shall be eligible for exemption from EMD. In case the tenderer falls in this category, it should furnish copy of its valid registration details (with MSME or NSIC, as the case may be).
- a. The MSE's Bidder to note and ensure that nature of services and goods/items manufactured mentioned in MSE's certificate matches with the nature of the services and goods /items to be supplied as per Tender.
- b. Traders/resellers/distributors/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines issued by MoMSME**
- 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) Bank Guarantee
- 19.4 The demand draft or banker's cheque or Fixed Deposit Receipt shall be drawn on any scheduled commercial bank in India or country of the tenderer, in favour of the "HSCC India Ltd" payable at New Delhi. In case of bank guarantee, the same is to be provided from any scheduled 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. As validity period of Tender as per Clause 20 of GIT is 180 days, the EMD shall be valid for 225 days from Techno – Commercial Tender opening date.
- 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 and the same should be submitted along with the bid.

## **20. Tender Validity**

- 20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 180 days (One hundred and Eighty days) after the date of tender opening prescribed in the TEdocument. 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, who may not agree to extend its tender validity after the expiry of the original validity period the EMD furnished by them shall not be forfeited.
- 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.

## **21. Digital Signing of Tender**

- 21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11. Tenders shall be uploaded with all relevant tender documents in the prescribed format. The relevant tender documents should be uploaded by an authorised person having Class 3 digital signature certificate.

## **D. SUBMISSION OF TENDERS**

### **22. Submission of e-Tenders**

- 22.1 The tender shall be submitted online only.



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

- a) The Tender Processing Fee (if any) and EMD have to be submitted in physical form as per Section – I, Notice Inviting Tender of this tender enquiry and Scanned copies of tender processing fee if any and EMD
- b) Manufacturer's authorization in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).
- c) Tender Form as per Section-X
- d) Compliance of all terms and conditions of TED like- warranty, CMC, delivery period, delivery terms, payment terms, Liquidated Damages Clause, Arbitration clause,etc
- e) Declaration regarding Fall Clause and Deregistration, debarment from any Govt. Dept/ Agencies
- f) Copy of PAN and GST.
- g) Certificate of Incorporation/ or a Declaration in case the firm is being a proprietary firm.
- h) Annual report of last 3 years (Balance sheet and Profit & Loss Account)  
Name, address and details of account with respect to bidder and/or beneficiary of L/C.
- i) Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate as per section IX.
- j) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications along with product catalogue and data sheet in the tender enquiry.
- k) Documentary evidence for class-I bidder as per Public Procurement (preference to Make-in - India) order 2017 dated 04.06.2020 and its subsequent amendment thereof.

**(ii) PRICE BID (ONLY ONLINE):**

- a) The tenderers must ensure that they submit the Price Bid in prescribed format uploaded alongwith the tender enquiry. It is the responsibility of the bidder to ensure that the contents of the format are not tampered.
- b) The tenderers must ensure that they submit the on-line tenders not later than the closing timeand date specified for submission of tenders.
- c) Along with price bid recent purchase order copies for the same model and technical configuration issued by institute of National importance and/or reputed central/state government hospitals should be uploaded in pdf form for reasonability of the offered price.
- d) The bidder should submit the copy of original proforma invoice from the foreign manufacturer along with the price bid.
- e) The supplier shall justify the present quotes based on previous purchase orders for similar project executed either in India or Globally. If they quote any new model or upgraded version of earlier model, they may mention the same in their tender.

22.2 The tenderers must ensure that they submit the on-line tenders within the scheduled closing date& time. They shall also ensure to submit the original Tender Processing Fee if any and EMD within its scheduled date & time.

**23. Late Tender:**

23.1 There is NO PROVISION of uploading late tender beyond stipulated date & time in the e- tendering system. However, if the necessary Tender Processing Fee and EMD in original are notsubmitted within the scheduled time, the tender shall be declared as late tender and online tender shall not be opened and shall be ignored.

## **24. Alteration and Withdrawal of Tender**

- 24.1 The bidder is permitted to change, edit or withdraw its bid on or before the end date & time of bid opening.

## **E. TENDER OPENING**

### **25. Opening of Tenders**

- 25.1 The purchaser will open the e-tenders 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, who have submitted tenders on time, may attend the 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.

- 25.3 This being a Two - Tender system, 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.

## **F. SCRUTINY 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. 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 documents uploaded are in legible form. 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

27.2 Deleted

- 27.3 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.

- 27.4 The following are some of the important aspects, for which a tender shall be declared non-responsive during the evaluation and will be ignored;

- (i) Tender validity is shorter than the required period.
- (ii) Required EMD (Amount, validity etc.) or its exemption documents have not been provided.
- (iii) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorisation Form as per Section

XIV.

- (iv) Tenderer has not agreed to give the required performance security of the 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.
- (v) Poor/ unsatisfactory past performance.
- (vi) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
- (vii) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
- (viii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements/ BOQ for the quoted schedule.
- (ix) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry, like delivery terms, delivery schedule, terms of payment, liquidated damages clause, warranty clause, special condition/requirement, dispute resolution mechanism, applicable law etc.
- (x) The Integrity Pact Integrity pact shall be a part and parcel of this document and has to be signed by bidder(s) at the pre-tendering stage itself, as a pre-bid obligation and should be submitted along with the Techno-Commercial Bids. All bidders are bound to comply with the integrity pact clauses. Bids submitted without signing the integrity pact will be rejected without assigning any reason

**28. Minor Informality/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 tenders. 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 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
- 29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
- 29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.
- 29.4 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 Not applicable being e-Tender.

**31. Qualification Criteria**

- 31.1 Bids which do not meet the required Qualification Criteria prescribed in Section IX, will be treated as non - responsive and will not be considered further.
- 31.2 The Purchaser reserves the right to relax the Norms on Prior Experience for Start-ups and Micro & Small Enterprises in Public Procurement.  
The Start-ups are defined in Annexure-A of the “Action Plan for Start-ups in India”. The

same is available on the website of Department of Industrial policy and Promotion (DIPP), Ministry of Commerce & Industry.

**Note: - Definition of Start-up (only for the purpose of Government schemes)**  
**(Ref: Ministry of Finance Office Memorandum No. F.20/2/2014-PPD(Pt.) dated 25<sup>th</sup> July 2016.)**

### **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 exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Price Tender' opening.

### **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.

### **34. Comparison of Tenders**

34.1 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 Site Modification Work prices and Comprehensive Annual Maintenance charges (CMC) prices will also be added for comparison/ranking purpose for evaluation.

#### **Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders**

34.2 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 or any other taxes 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.

34.3 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.

34.4 The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive tenders.

- i. In exercise of powers conferred in Section 11 of the Micro, Small and Medium Enterprises Development (MSMED) Act 2006, the Government has notified a new Public Procurement Policy for Micro & Small Enterprises effective from 1<sup>st</sup> April 2012. The policy mandates that 20% of procurement of annual requirement of goods and services by all Central Ministries/Public Sector Undertakings will be from the micro and small enterprises. The Government has also earmarked a sub-target of 4% procurement of goods & services from MSEs owned by SC/ST entrepreneurs out of above said 20% quantity.
- ii. In accordance with the above said notification, the participating Micro and Small Enterprises (MSEs) in a tender, quoting price within the band of L1+15% would also be allowed to supply a portion of the requirement by bringing down their price to the L1 price, in a situation where L1 price is from someone other than an MSE. Such MSEs would be allowed to supply up to 25% of the total tendered value. In case there

are more than one such eligible MSE, the 25% supply will be shared equally. Out of 25% of the quantity earmarked for supply from MSEs, 5% quantity is earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the tender process or meet the tender requirements and the L1 price, the 5% quantity earmarked for MSEs owned by SC/ST entrepreneurs will be met from other participating MSEs.

- iii. The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small Enterprises in support of their being an MSE, failing which their tender will be liable to be ignored.
- iv. Special provision for Micro and Small Enterprise owned by women: – Out of the total annual procurement from Micro and Small Enterprises, 3 per cent from within the 25 per cent target shall be earmarked for procurement from Micro and Small Enterprises owned by women.

**Note: “If the bidder is a MSME, it shall declare in the bid document the Udyog Aadhar Memorandum Number issued to it under the MSME Act, 2006. If a MSME bidder does not furnish the UAM Number along with bid documents, such MSME unit will not be eligible for the benefits available under Public Procurement Policy for MSEs Order 2012.”**

- 34.5 **Preference to Make in India:** As per the order issued by Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-PP (BE-II) dated 29.05.2019. The purchaser reserves the right to give preference to the local supplier. A copy of this order is enclosed at **Appendix-A** which will form a part of this TED for evaluation and ranking of bids.

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

- 35.1 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.
- 35.2 The above-mentioned determination will, inter alia, 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.

**36. Contacting the Purchaser**

- 36.1 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.
- 36.2 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**

**37. Purchaser’s Right to accept any tender and to reject any or all tenders**

- 37.1 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.

**38. Award Criteria**

38.1 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.

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

39.1 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 off to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

39.2 If the quantity has not been increased to the maximum of 25% of the tendered quantity at the time of awarding the contract, the purchaser reserves the right to increase the quantity further by up to the balance available twenty-five (25) per cent of the tendered quantity of goods and services (rounded off 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.

**40. Notification of Award**

40.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by email (to be confirmed by registered / speed post) 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 Fifteen days from the date of dispatch of this notification, failing which the EMD will forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 underSection IV.

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

**41. Issue of Contract**

41.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per Section XVI) duly completed and signed, in duplicate, to the successful tenderer by registered / speed post.

41.2 Within twenty one 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/Consignee by registered/ speed post. The successful tenderer should also submit Proforma Invoice from the foreign principal (if applicable as per contractual price) within 15 days from the date of NOA.

41.3 The Purchaser/Consignee reserve the right to issue the Notifications of Award consignee wise.

**42. Non-receipt of Performance Security, Proforma Invoice and Contract by the Purchaser/Consignee**

42.1 Failure of the successful tenderer in providing performance security, Proforma Invoice 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/Consignee against it as per the clause 24 of GCC – Termination of default.

**43. Return of EMD**

43.1 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.

**44. Publication of Tender Result**

44.1 The name and address of the successful tenderer(s) receiving the contract(s) will be mentioned in the notice board/bulletin/web site of the purchaser.

**45. Corrupt or Fraudulent Practices**

45.1 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. In pursuance of this policy, the Purchaser: -

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
  - (i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
  - (ii) "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;
- (b) 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;
- (c) 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)**

<b>Sl. No.</b>	<b>GIT Clause No.</b>	<b>Topic</b>	<b>SIT Provision</b>	<b>Page No.</b>
A	1 to 7	Preamble	No Change	-
B	8 to 10	TE documents	No Change	-
C	11 to 21	Preparation of Tenders	No Change	-
D	22 to 24	Submission of Tenders	Change	below
E	25	Tender Opening	No Change	-
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	-
G	38 to 45	Award of Contract	No Change	-

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.



**SECTION - IV**  
**GENERAL CONDITIONS OF CONTRACT (GCC)**

**TABLE OF CLAUSES**

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## **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, trademarks 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.
- 4.3 The country of origin may be specified in the Price Schedule

## **5. Performance Security**

- 5.1 Within Fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to five percent ( 5%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, which is initially valid for a period of minimum six months plus number of months under warranty from the date of Notification of Award
- 5.2 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:

It shall be in any one of the forms namely Insurance Surety Bond, 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/Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty (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. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) 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 respective 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/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations, extension of time (with or without Liquidated Damages) & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Hospital/ Institute/ Medical College/ Consignee as per the format in Section XV.

## **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 transshipment (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 and lodging will be borne by the purchaser and/or its nominated representative(s) for the first visit. In case the goods are rejected in the first instance and the supplier requests for re-inspection, and if same is accepted by purchaser/consignee/PSA/PA, all subsequent inspections shall be at the cost of the supplier. The expense will be to and fro Economy Airfare, Local Conveyance, Boarding and Lodging of the inspection team for the inspection period."
- 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.
- 8.3 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.

"On rejection, the supplier shall remove such stores within 14 days of the date of intimation of such rejection from the consignee's premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser/consignee

may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser/consignee may decide or dispose of such goods at the suppliers risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for.”

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.

8.8 Principal/ Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV prior to despatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

## 9. Terms of Delivery

9.1 Goods shall be delivered by the supplier in accordance with the terms of delivery and as per the delivery period specified in the schedule of requirement. Please note that the time shall be the essence of the contract.

## 10. Transportation of Goods

10.1 Instructions for transportation of imported goods offered from abroad:

The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under CIP (Named port of destination) terms; the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country through India's forwarding agents/coordinators. In case the forwarding agent/coordinators are unable to provide timely adequate space in Indian flag vessel or by vessels belonging to the conference lines, the supplier shall arrange shipment through any available vessel to adhere to the delivery schedule given in the contract.

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. In case the National Carrier is not available, any other airlines available for early delivery may be arranged.

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.

## 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) In case of supply of domestic goods on Free at Consignee's site basis, the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.
- ii) in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier or its Indian Subsidiary/Indian agent from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an

amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actuals will be reimbursed.

## **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/Consignee 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/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
    - ii) The supplier shall be responsible for undertaking the supply of any such spare part for the proper up keeping of equipment for a period of 10 years including the warranty and CMC periods.
- 12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the goods so that the same are used during warranty and CMC period.

## **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.
- a. Installation & commissioning, Supervision and Demonstration of the goods
  - b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
  - c. Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods
  - d. Supplying required number of operation & maintenance manual for the goods

## **14. Distribution of dispatch documents for clearance/receipt of goods**

The supplier shall send all the relevant despatch documents well in time to the Purchaser/Consignee to enable the Purchaser/Consignee 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 / courier (or as instructed in the contract):

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Two copies of packing list identifying contents of each package;
- (iii) Certificate of origin for goods of foreign origin;
- (iv) Insurance Certificate as per GCC Clause 11.
- (v) Manufacturers/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). Any delay or demurrage occurred during the customs clearance on account of the non-availability of technical support/ clarifications /documents from the supplier shall be borne by the supplier:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the negotiable clean, on-board Bill of Lading/Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill;
- (iii) Four Copies of packing list identifying contents of each package;
- (iv) Manufacturer's/Supplier's warranty certificate;
- (v) Inspection Certificate for the despatched equipment issued by recognized/ reputed agency like SGS, Lloyd, BUREAU VERITAS, TUV prior to despatch
- (vi) Manufacturer's own factory inspection report;
- (vii) Certificate of origin
- (viii) Port of Loading;
- (ix) Port of Discharge and
- (x) Expected date of arrival.

**15. 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/Consignee'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 The warranty shall remain valid for 12 months commencing from first patient treated as per AERB norms with a regular updates of newer technology as and when evolved, followed by a CMC for a period of 5 (Five) Years for all the equipment after the goods or any portion thereof 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/ consignee in terms of the contract, unless specified otherwise in the SCC.

- No conditional warranty will be acceptable.
- Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories, spares, labour and site modification work, and it will also cover the following wherever applicable:-

- 1) Any kind of motor.
- 2) Plastic & Glass Parts against any manufacturing defects.
- 3) All kind of sensors.
- 4) All kind of coils, probes and transducers.
- 5) Printers and imagers including laser and thermal printers with all parts.
- 6) Replacement of in-built batteries and UPS including the replacement of batteries
- 7) Air-conditioners
- 8) Replacement and repair will be under taken for the defective goods.
- 9) All kinds of painting, civil, HVAC, mechanical and electrical work
- 10) 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. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.
- 15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to 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. The penalty clause for non-rectification will be applicable as per tender conditions
- 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 till the completion of the original warranty period of the main equipment.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or 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 During Warranty period, the supplier is required to visit at each consignee's site at least twice in 6 months (i.e., minimum 4 preventive maintenance per year) apart from all breakdown visits, commencing from the date of the installation for preventive maintenance of the goods.
- 15.8 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.
- 15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 6 years from the date of installation and handing over.
- 15.10 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 equipment/machines/goods etc. and shall always give the most competitive price for its machines/equipment supplied to the Purchaser/Consignee.

## **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 dispatch,
  - 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/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee'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.
- 20.2 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.

### **TERMS AND MODE OF PAYMENT**

#### **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:

**a) On delivery:**

40% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents subject to recovery of LD, if any:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount; (Invoice must be raised in favour of Consignee with their GSTN)
- (ii) Two copies of packing list identifying contents of each package
- (iii) Inspection certificate issued by the nominated Inspection agency, if any
- (iv) Insurance Certificate as per GCC Clause 11
- (v) Certificate of origin for imported goods
- (vi) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee

**b) On Acceptance:**

Balance Fifty percent (50%) 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. FAC needs to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trial run of the equipment.

**c) On Successful Completion of warranty:**

Balance Ten percent (10%) payment would be made against successful completion of warranty / submission of equivalent amount of BG (10%) valid till 'Final Acceptance Certificate / successful completion of warranty' 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. FAC needs to be issued by the designated consignee after successful completion of warranty of the equipment.

**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:

**a) On Shipment:**

40% of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) 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;
- (iii) Four Copies of packing list identifying contents of each package;
- (iv) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Manufacturer's own factory inspection report and
- (vii) Certificate of origin by the chamber of commerce of the concerned country;

(viii) Inspection Certificate for the dispatched equipment issued by recognized/reputed agency like SGS, Lloyd, BEAURU VARITUS and TUV prior to despatch.

**b) On Acceptance:**

Balance payment of Forty percent (40%) of net CIP 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. FAC need to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trial run of the equipment.

**c) On Successful Completion of warranty:**

Balance payment of Ten percent (10%) of net CIP price of goods would be made against successful completion of warranty and 'Final Acceptance Certificate' for successful completion of warranty 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. FAC needs to be issued by the designated consignee after successful completion of warranty of the equipment. 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.

**d) Payment of 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 final installation, commission and acceptance of equipment by the consignee.

**e) 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 rate of exchange ruling on the date of Contract) and shall not be subject to further escalation/exchange variation. This is payable against submission of a certificate from the principal supplier that they have realised full and final settlement against their supply.

**C) Payment of Site Modification Work, if any:**

Site Modification Work payment will be made to the bidder/ manufacturer's agent or its Indian Office in Indian rupees as indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. This will be paid on proof of final installation, commission, and acceptance of equipment by the consignee

**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 2.5% of the cost of the equipment 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. 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 custom duty and/or GST or any other taxes) from the Purchaser/Consignee, 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/Consignee forthwith.
- 21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee 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. Delivery**

- 22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed no later than the date (s) as specified 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/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee 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, inter alia contain the following

conditions:

- (a) The Purchaser/Consignee 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 in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty and/or GST 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/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and/or GST 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/Consignee 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.

22.6.1 Passing of Property:

22.6.2 The property in the goods shall not pass to the purchaser unless and until the goods have been delivered to the consignee in accordance with the conditions of the contract.

22.6.3 Where there is a contract for sale of specific goods and the supplier is bound to do something to the goods for the purpose of putting them into a deliverable state the property does not pass until such thing is done.

22.6.4 Unless otherwise agreed, the goods remain at the supplier's risk until the property therein is transferred to the purchaser.

### **23. Liquidated damages**

**23.1** Subject to GCC clause 26, if the supplier fails to deliver or install / commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract including opening of office in India as per the undertaking given in the qualification criteria, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee 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, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24. ***Since the Liquidated damages are in virtue of non- performance of services, it will attract GST or any other applicable taxes which in turn shall be deducted from the bidder.***

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/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), 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/Consignee pursuant to GCC sub-clauses 22.3 and 22.4.

- 24.2 In the event of the Purchaser/Consignee terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser/Consignee 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/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement.
- 24.3 Unless otherwise instructed by the Purchaser/Consignee, 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/Consignee.

## **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, 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/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee 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/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee 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/Consignee reserves the right to terminate the contract, in whole or in part for its (Purchaser's/Consignee'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/Consignee. The notice shall also indicate inter alia, 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/Consignee following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser/Consignee 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 by speed post/ Regd. Post or by email. 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. Settlement / Adjudication of Disputes**

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

### **30.1 Conciliation:**

If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawing, record or decision given in writing by the Engineer-in-Charge; or if the Engineer-in-Charge considers any act or decision of the contractor on any matter in connection with or arising out of the contract or carrying out of the work to be unacceptable and disputed; such party may promptly refer such disputes and amount claimed for each dispute to the Conciliator (One rank higher to Engineer-In-Charge) under intimation to the other party. The Conciliator may then request each party to submit to him a brief written statement describing the disputes and the points at issue. Each party shall send a copy of such statement to the other party. At any stage of the conciliation proceedings, the Conciliator may request a party to submit to him such additional information as he deems appropriate. When it appears to the Conciliator that there exist elements of a settlement which may be acceptable to the parties, he shall formulate the terms of a possible settlement and submit them to the parties for their observations. After receiving the observations of the parties, he may re-formulate the terms of a possible settlement in the light of such observations. If the parties reach agreement on a settlement of the disputes, they may draw up and sign a written settlement agreement on non-judicial stamp paper as per Stamp Act. The Conciliator shall authenticate the settlement agreement and furnish a copy thereof to each party. No party shall be represented before the said Conciliator by an advocate or legal counsel. The conciliation proceedings shall be completed within 45 days from the receipt of

reference. This time may be enlarged by 15 days by the Conciliator. The conciliation proceedings shall be deemed to have been terminated at the end of 60 days from the receipt of reference.

- 30.2 If the aforesaid conciliation proceedings fail or the Conciliator fails to give proposal for settlement within the aforesaid period, either party may approach the Court of Competent Civil Jurisdiction at Delhi for adjudication of the disputes.
- 30.3 It is also a term of this agreement that for disputes for the payment of money, Contractor shall not claim pre-reference, pendent lite and future interest. 26.4 During the settlement/Adjudication of disputes the contractor shall not stop the work & shall continue to work in terms of the contract.

### **31 Applicable Law**

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

### **31 Withholding and Lien in respect of sums claimed**

- 31.1 Whenever any claim for payment arises under the contract against the supplier the purchaser shall be entitled to withhold and also have a lien to retain such sum from the security deposit or sum of money arising out of under any other contract made by the supplier with the purchaser, pending finalization or adjudication of any such claim. It is an agreed term of the contract that the sum of money so withheld or retained under the lien referred to above, by the purchaser, will be kept withheld or retained till the claim arising about or under the contract is determined by the Arbitrator or by the competent court as the case may be, and the supplier will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention.

### **32 General/ Miscellaneous Clauses**

- 32.1 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.
- 32.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- 32.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.
- 32.4 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/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
- 32.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.
- 32.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee/Government of India 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.
- 32.7 All claims regarding indemnity shall survive the termination or expiry of the contract.
- 32.8 If any provisions of this tender enquiry or a contract formed on the basis of this tender enquiry are invalid or void under any of the existing provisions of Indian law, then such



provisions will not affect other provisions of this tender enquiry/ 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.

The warranty and CMC period will be as mentioned in the list of requirement as per section VI of the tender enquiry.

1. The manufacturer (manufacturing premise) and the equipment should confirm to standards of product as mentioned in the detailed Technical Specifications enclosed. Bidder should provide required consumables for running of the instrument for demonstration & training purpose as specified in the detailed Technical Specifications.
2. Packaging: Packaging should have "Gift from the people and Government of Republic of India" printed on the tertiary packing boxes in addition to relevant details about the equipment. A sticker of the National Flag of India of the appropriate size should also be affixed
3. The transportation charges from Delhi to Kabul & other administrative costs (ground handling, insurance, documentation etc) on actuals with GST/ taxes etc if applicable. Invoices shall be raised in favour of "Technical Mission of India, Kabul" and submitted along with FAT/ passed test reports of all machines along with photos of primary/ secondary packaging of machines clearly depicting the Batch/Lot No. & Mfg. details, valid li - cense/Registration certificate of the manufacturer, all quality test certificates and proofs of successful training & commissioning in good condition at the designated consignee site.

*SECTION - VI*

**LIST OF REQUIREMENTS**

**Part I**

SI. No.	Item Description	Department/ Hospital	Qty.	Warranty & CMC
1.	1.5 Tesla MRI with all accessories & features as mentioned in specification	400 bedded Hospital, Kabul	1	Warranty – 1 Year CMC – 5 Years( CMC agreement to be carried out with consignee after completion of warranty).
2.	128 Slice CT Scan Machine with all accessories & features as mentioned in specification	IGICH, Hospital, Kabul	1	

**Part II: Required Delivery Schedule:**

32.8.1 For Indigenous goods or for imported goods if supplied from India:

90 days from the date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site. Tenderers may quote earliest delivery period.

Installation and commissioning shall be done within 45 days of receipt of the stores/goods at site or within 45 days of handing over the site for installation, whichever is later. Training and handover within 15 days.

32.8.2 For Imported goods directly from foreign:

90 days from the date of opening of L/C. The date of delivery will be the date when the consignment reaches the port of destination. (Tenderers may quote the earliest delivery period). Delivery of indigenous goods contracted along with the direct imported items shall be within the scheduled delivery period for imported goods.

Installation and commissioning shall be done within 45 days of receipt of the stores/ goods at site or within 45 days of handing over the site for installation, whichever is later Training and handover within 15 days.

For delayed delivery and/ or installation and commissioning liquidated damages will get applied as per GCC clause 23.

**Note:**

- i) The delivery schedule for different sites (if applicable) may be staggered based on the site readiness.
- ii) Supplier has to submit clear documents for opening of LC to HSCC within 15 days of placement of order.
- iii) In case of multiple LC are opened in favour of multiple manufacturers, the delivery period for all the items under the contract shall be counted from the date of opening of the first LC only.
- iv) Indigenous goods or imported goods if supplied from India (offered in INR) which are linked with supply of directly imported goods, are to be supplied within the contractual delivery period as stated in para b) above.

**Part III: Scope of Incidental Services:**

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. for smooth functioning of the equipment as specified in GCC Clause 13

**Part IV:**

Site Modification Work (if any) as per details in Technical Specification.

**Part V:Warranty**

Warranty period as per details in general technical specification and as specified in Part I above. Warranty period will be 12 months from the date of installation, commissioning and acceptance.

Comprehensive Maintenance Contract (CMC) as per details in Technical Specification as specified in part I above

**Part VI:****Required Terms of Delivery and Destination:****a) For Indigenous goods or for imported goods if supplied from India:**

At Consignee Site(s)

**b) For Imported goods directly from abroad:**

The foreign tenderers are required to quote their rates on CIP Named Port of Destination Basis giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP Named Port of Destination basis.

**Insurance (local transportation and storage) would be extended and borne by the Supplier or its Indian Subsidiary/Agent from ware house to the consignee site for a period including 3 months beyond date of delivery.**

**Destination/Consignee details:**

1. 400 bedded Hospital, Kabul, Afghanistan for 1.5 Tesla MRI
2. IGICH, Hospital, Kabul, Afghanistan for 128 Slice CT Scan Machine

**SECTION – VII**  
**Technical Specifications**

**GENERAL TECHNICAL SPECIFICATIONS**

**Detailed Technical Specifications & Scope of Work for supply of CT Scan Machine 128 slice with CT-Scan Machine  
Injector on Turn-Key Basis**

**Technical Specifications**

Contrast enhanced Dual energy Technology 128 sub mm slice per rotation CT scanner

**1. CT Procedures:**

- 1.1. Contrast Media Tracking
- 1.2. CT Angiography, vascular plaque characterization
- 1.3. CT Pulmonary Angiography with Lung analysis (Iodine uptake)
- 1.4. CT Fluoroscopy for Biopsy
- 1.5. Advances 3D analysis
- 1.6. Dynamic cerebral perfusion mapping
- 1.7. Head CT, Virtual NCCT
- 1.8. Thoracic CT
- 1.9. Abdominal CT
- 1.10. Pelvic CT
- 1.11. Skeletal CT, Gout imaging, Monoenergetic imaging with artifact elimination.
- 1.12. Interventional CT
- 1.13. Neuro CTA
- 1.14. Calculi Characterization

**1. Detector:**

- 1.1. The system should be latest generation multi-slice CT scanner capable of producing/generating 128 or more slices per 360 degree rotation for all type of scans and applications.
- 1.2. Sub millimeter slice thickness should be available for axial and helical modes.
- 1.3. The detectors shall be large area detector with Z axis coverage of 38 mm or more.
- 1.4. The detectors shall have multiple rows with each row having at least over 670 elements.
- 1.5. The type of detector should be specified.
- 1.6. Detector system should not require frequent calibrations.
- 1.7. The number of rows and the total number of detector cells should be specified.

**1. Gantry:**

- 1.1. Aperture : 70 cm or more
- 1.2. Scan field FOV: 50 cm or more
- 1.3. Control Panel: on either side.
- 1.4. Entire range of rotation times for full 360 degree should be specified. Minimum rotation time should be 0.4 seconds or less for whole body application.
- 1.5. Should have positioning laser lights.
- 1.6. Tilt- Physical  $\geq \pm 20$  deg on either side.
- 1.7. Should have CT fluoroscopy with separate monitor in the gantry room for CT guided biopsy.
- 1.8. Integrated Display panel

**1. X - Ray Generator**

- 1.1. Should be compact and in-built in the gantry.
- 1.2. High Frequency type.
- 1.3. Power output at least 70 kW or more to support continuous and sustained operation.
- 1.4. Output capacity:  $\geq 100$  kW or more.
- 1.5. MA range: 20 – 800 mA or more.

## 1. X - Ray Tube:

- 1.1. Tube current : 30 to 600mA or more.
- 1.2. Real Time mA modulation for dose regulation.
- 1.3. Tube Voltage: 80 to 140 KV
- 1.4. Anode Heat Storage Capacity should be 7 MHU or more or direct cooling technology.
- 1.5. Should have anode Temp Monitoring System.
- 1.6. Heat Dissipation:  $\geq$  1MHU per minute or more.
- 1.7. Focal Spot size and number according to IEC recommendation must be specified.
- 1.8. The tube should have dynamic focal spots.
- 1.9. The X-ray cooling unit should be inbuilt in the gantry.
- 1.10. Warranty of tube: Comprehensive warranty for all parts including x-ray tubes for 1 year irrespective of number of scans.

## 1. Patient Table:

- 1.1. Minimum Load capacity of at least 200Kg  $\pm$ 10% with 1 mm positioning accuracy.
- 1.2. Scannable range:  $\geq$  1700 mm
- 1.3. Longitudinal Table speed: Horizontal up to 100mm or more/sec.
- 1.4. Vertical Table travel: 40mm/sec or more.
- 1.5. Minimum table top height should be 55cm or less from the ground level for easy transportation of trauma patient.
- 1.6. Longitudinal Scan Range: at least 150cm or more.
- 1.7. Manual movement of the table should be possible in case of power failure.
- 1.8. Reproducing positional accuracy should be mentioned.
- 1.9. Remote Up/ down and forward /backward should be standard.
- 1.10. Facility of positioning aid for horizontal isocentric positioning of the patient.
- 1.11. Should have Carbon Fiber Table Top.

## 1. Scanning Modes

- 1.1. Spiral CT:
  - a) Scan Time: Minimum scan time 0.4 sec for full 360 deg rotation.
  - b) Min slice thickness should be 0.625 mm or less.
  - c) Max slice thickness: 10 mm or more.
  - d) Slice increment.- Scan and selectable slice thickness must be specified.
  - e) Pitch Factor (volume pitch): variable between 0.5 sec to 1.5 sec or more and should be user selectable. All possible pitch selections must be specified.
  - f) Spiral length: 150 cm or more.
  - g) Single Continuous scan time should be at least 100 sec.
  - h) Should optimize radiation dose and resolution for each selection.
  - i) Bolus Triggered Spiral acquisition should be possible.
  - j) Facility of multi-spiral, bi-directional spirals and back to back spirals.
  - k) Facility for monitor contrast enhancement and automatically commenced scanning.
- 1.2. Axial scanning
- 1.3. Dynamic Multiscan

## 1. Topogram:

- 1.1. Length and width: Range should be specified.
- 1.2. Scan Time: Range should be specified.
- 1.3. Views: Frontal & lateral views.
- 1.4. Should be able to interrupt acquisitions manually once the desired anatomy is obtained.

## 1. Data Acquisition System:

- 1.1. System should have minimum 64 rows of detector capable of generating 128 slices.
- 1.2. Inbuilt mechanism for adapting the tube current during each scan this should enable radiation dosage reduction where body part thickness is less.
- 1.3. Acquisition of cardiac images with ECG gating (prospective & retrospective) should be possible.
- 1.4. Step and shoot technique during cardiac scanning for dose reduction, or a similar alternative technology should be available.

- 1.5. Detector system should not require frequent calibration.
- 1.6. Should have inbuilt pediatric protocols based on patient weight.
- 1.7. Whole brain CT perfusion with coverage of not less than 8 cm.
- 1.8. CT- guided intervention 3D Fluoroscopy.
- 1.9. Dynamic CTA- Enabling 4D CT DSA, time resolved perfusion with a min. range of 31 cm.

### 1. **Image Reconstruction:**

- 1.1. Real Time reconstruction speed: 20 images per sec or more at 1024x1024matrixes.
- 1.2. Display Matrix: 1024x1024 or more.
- 1.3. Reconstructed slice thickness: ≤1mm to 10mm.
- 1.4. Should have latest iterative reconstruction technique-ASIR-V/iDose4 Premium/SAIRE.
- 1.5. Should have selectable Scan Field and reconstructed field.

### 1. **Operator Console:**

- 1.1. Monitor Resolution: 1280x1200.
- 1.2. Pixel Size < 0.3 mm.
- 1.3. Two number of Flat screen medical grade LCD Type of at least 19" with fast image refresh rate should be fast and preferably instantaneous and flicker free.
- 1.4. Should be non-interlaced and progressive display type & sturdy.
- 1.5. Should perform Registration, scheduling, protocol selection, volume rendering, Volume measurements, Multi planer Reconstruction, and standardevaluation application and all available post processing functions without the help of the satellite workstation as well as film exposure.
- 1.6. Should have latest processor with 8GB RAM.
- 1.7. Raw Data storage with at least 500 GB Hard disc having a minimum of 150000 images storing capacity in 512x512 format.
- 1.8. Additional external hard disk of minimum 2TB should be provided.
- 1.9. System should be menu driven operation.
- 1.10. Applications like image reconstruction, filming, curve MPR, CT Angiography; VRT, auto bone removal, CT brain perfusion, CT bronchoscopy, Bolus tracking should be available.
- 1.11. Lung nodule evaluation software to be provided in work station, not in operator console.
- 1.12. System should be offered with complete Cardiac Acquisition and postprocessing packages.

### 1. **Console Common Feature:**

- 1.1. The workstation should be interconnected for two way transfer of images and reports.
- 1.2. Spatial alignment and visualization of two different data sets of one patient generated on different modalities or with different acquisition time.
- 1.3. Cine display should be available, both interactive and automatic.
- 1.4. Window width and centre should be freely selectable.
- 1.5. Patient online Registration, pre registration facility and transfer of information from HIS/RIS via DICOM should be possible.
- 1.6. Should have dedicated pediatric protocol for low dose imaging.
- 1.7. Should be offered with complete cardiac acquisition and post processing package.

### 1. **Workstation: (At operator console room with two monitors- One at operator console room & one at Radiologist chamber)**

- 1.1. Should have Flat screen medical grade LCD monitor of at least 19" with fast image refresh rate should be fast and preferably instantaneous and flicker free with Hard Disk of 500GB or more, capable of simultaneous viewing of all post processing functions and filming independently without the help of main console. Data transfer between the operator console & the satellite workstation should be instantaneous.
- 1.2. Should have 2.6GHz or latest processor with 8GB RAM.
- 1.3. Should have lung nodule evaluation software as standard.
- 1.4. CT Angio – post processing software should include VRT, MIP, 3D SSD, Imagefusion.
- 1.5. The advance vessel analysis, auto bone removal, small volume quantification, CT Colonography with polyp measurement and auto registration of prone and supine views. CT reporting should be possible independently of workstation.
- 1.6. Digital Subtraction Angiography should be available for Neuro Angiography.



- 1.7. System should be offered with complete & latest Cardiac Post Processing packages on workstation.
- 1.8. Advanced Neuro package to be offered.
  - a) Hemoperfusion CT: Evaluation of dynamic CT data of Brain. Different Diagnosis of Acute ischemic stroke. Assessment of dynamic cerebral perfusion, CBV, CBF, TTP and tissue at risk classification.
  - b) Tumour evaluation: Automated evaluation of Blood Brain Barrier disruptions in Brain Tumour.
  - c) Neuro perfusion weighted map (NWM): Visualization of colour coded CTA source images for 3D display of acute stroke.
  - d) Neuro DSA CT should provide Visualization of intracranial vascular structures based on digital bone removal.
- 1.9. The system should be user friendly with all functions menu driven. It should be modern user interface and 50 DVD blank (medical grade) should be provided.

#### 1. Image Evaluation Tools:

- 1.1. Parallel evaluation of multiple ROI in circle, irregular and polygonal forms.
- 1.2. Statistical Evaluation for area/ volume, S.D, Mean/Max and Histograms.
- 1.3. Profile cuts: horizontal, vertical and oblique views.
- 1.4. Distance & angle measurement, freely selectable positioning of co-ordinates system, grid and image annotation.
- 1.5. Dynamic evaluation of contrast enhancement in organs and tissues, calculation of time-density, curves, peak enhancement images and time-to-peak images.

#### 1. Image Quality Parameter:

- 1.1. It should be specified at the lowest scan time available at the system.
- 1.2. High Contrast Spatial Resolution should be 17 LP/cm or higher (Mention slice thickness, scan time phantom, mA, scan field, dose and MTF) up to 10% full FOV.
- 1.3. Low contrast detect ability should be 5mm at difference using 20cm CATPHAN (please mention phantom, scan time, mA, filter for image reconstruction, scan field, dose, slice thickness).
- 1.4. High Contrast Resolution and Low Contrast Resolution for spiral must be same as that for axial.

#### 1. Dose Reduction Technique:

- 1.1. Should be available.
- 1.2. Pre-patient collimation to reduce unnecessary dose to patient.
- 1.3. Specify the Dose reduction software.

#### 1. Post Processing Tools:

- 1.1. 2-D, including image zoom and pan, image manipulations, including averaging, reversal of grey-scale values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced bone correction.
- 1.2. Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR.
- 1.3. Standard 3D applications: CT angiography, MIP, MinIP, SSD, VRT, and other advanced 3D applications and colour coding for different tissues.
- 1.4. Post Processing Software: Perfusion CT, Image Fusion, Image reconstruction, filming, Curve MPR, CT Angiography, Auto bone removal, CT brain perfusion, CT bronchoscopy, Bolus tracking, Vessel segmentation, Virtual Endoscopy software to be provided on both the workstation.
- 1.5. 3D images for CT guided biopsy, 3D virtual endoscopy, colonoscopy, bronchoscopy should be possible.
- 1.6. DSA and advanced neurological imaging packages should be provided.
- 1.7. Spatial alignment and visualization of two different data sets of one patient generated on different modalities or with different acquisition times.
- 1.8. Perfusion CT for study of brain. Liver, kidney, pancreas etc.
- 1.9. Volume measurements.
- 1.10. Fusion of morphological data obtained on CT, MR or DSA.

1. **Patient Communication System:** An integrated intercom and Automated Patient Instruction System (API) should be provided in English and local language.

#### 1. Image Documentation:

- 1.1. **Dry View Imaging Camera with the following specifications:**

- a) Dry Laser Technology
- b) Resolution :16 bits/ 600 dpi.
- c) Supports 5 Multiple Film Sizes: one of which must be 17"x14".
- d) Must have 3 or more online film tray sizes.
- e) DICOM Compatible Attach conformance statement.

**1.2. State of the art Laser color printer:**

- a) Color Dry Printer for printing Film Quality Images on plain paper.
- b) DICOM Compliant.
- c) Laser/Thermal Dye Sublimation Technology for B/W or Color Printing.
- d) Resolution- 1200x1200 dpi.
- e) More than 20 ppm.

**1. Connectivity and Archival**

- 1.1. DICOM connectivity should be optimised for networking with other imaging systems.
- 1.2. DICOM converters for linking the camera with other imaging systems of the department should be provided, *if* required separately.
- 1.3. It should have sufficient memory to store images from the CT as well as other system connected to it.
- 1.4. Filming parallel to other activities including independent scanning, documentation and post-processing and configurable image text.
- 1.5. Archiving: DVD/CD writer should be provided for archival. Specify minimum number of uncompressed and compressed images that it can store per disc.
- 1.6. Option of viewing these discs on any PC without DICOM viewer should be available.

**1. Upgrade:**

- 1.1. Software upgrades that enhance existing applications must be provided by the vendor indefinitely at **no cost to the purchaser**. These no charge upgrades shall include any circuit boards or parts if software is added to enhance existing capabilities.
- 1.2. System should have capability to being upgraded as new technology emerges for at least 7-10 years.
- 1.3. Additional or new software must have the capability of being downloaded by remote computer access. Software must include a free trial period before purchase.

**1. Power Supply:**

- 1.1. Power input to be 440 V, 3 Phase /220-240VAC, 50Hz, as appropriate fitted with Indian plug for required items.
- 1.2. Suitable servo controller stabilizer provided with resettable over current breaker shall be fitted for protection.
- 1.3. On line UPS of suitable rating of 60 minutes backup shall be supplied for the complete system including computer & dry laser imager system.

**1. System configuration Accessories, spares and consumables**

- 1.1. Collapsible wheel chair with rubberized swivel wheels : 02
- 1.2. Standard Patient positioning acc and restraining devices : 02 sets
- 1.3. Good quality light weight vinyl Lead Aprons of .5mm lead equivalent :10nos
  - 1.4. Gonad and thyroid Shield - 10 Nos each
- 1.5. Lead Glass 150x100cmx 2mm lead : 1nos
- 1.6. Double row LED view boxes 4 in each row : 2nos
- 1.7. Patient transport trolley : 2nos
- 1.8. Instrument trolley: 2nos.

**1. Product Quality Standards:**

- 1.1. Should be USFDA or CE (from notified body) approved model.
- 1.2. Electrical safety should conform to standards for electrical safety IEC- 60601.
- 1.3. Lead Glass window of suitable thickness as per AERB guidelines as per room requirement.
- 1.4. Should furnish the clear model approval of the quoted model from AERB and also comply with AERB Guidelines for radiation leakage.

**1. CT-Scan Machine Injector**

- 1.1. Dual head Pressure Injector with the following:

- a) Should be CE (Notified body) approved.
- b) Flow rate - 0.1-10 ml/sec, Volume- 1 ml to syringe capacity, programmable pressure limit of 325 psi with 200 ml disposable sterile syringes. Syringe heater range 35 deg C +/- 5 deg C.
- c) Should be provided with head mounting device and integral IV pole.
- d) 100 no's syringes with tubing's to be provide with the machine.
- e) Unit will be provided with display monitor to provide Pressure Monitor graph, Flow Profile, Stop Watch Feature, Scan Display, multiphase capability and protocol locking capabilities.

**1. Other items to be supplied:**

- 1.1. Resuscitation accessories including Silicone resuscitation bag, Intubationset with laryngoscope (Adult & Pediatric), Boyle's anesthesia machine (CEnotified) should be supplied.
- 1.2. Carbon dioxide insufflations pump set for CT colonography with facility for delivery of heated CO2 gas and automatic regulation of flow rate and pressure with high degree of precision. Accessories like tubing (10nos.) & CO2 cylinders (5nos.) to be provided.
- 1.3. Vacuum cleaner including all cleaning accessories & attachments for cleaning of dust should be supplied.
- 1.4. Public address system (3 branded sets) with hand free speaker & loud speaker.
- 1.5. One computer system, one laptop, one laser printer with scanning & copy facility should be provided with latest specification for reporting & tele- radiology.
- 1.6. Cabling cost (per Running Meter including material cost) for console to independent workstation and from electrical point to the machine and other cablings (LAN etc): Cost for 50 Running meters is to be quoted for evaluation purpose.
- 1.7. Fire extinguisher, smoke detector with alarm system to be provided (Suitable quantity for 500 Sq. ft area).
- 1.8. Supplier should perform anti-termite & anti-rodent measures during turnkey & installation process.
- 1.9. Post processing room chairs : 10nos
- 1.10. Doctor's Executive Chair : 2nos
- 1.11. Table for reporting(wood) : 2nos
- 1.12. Patient waiting chair : 10 nos in 2 rows ( 5 Chairs in one row).
- 1.13. X Ray Film Viewer

**1. Training & Documentation:**

- 1.1. User Training for two radiologists, two technicians and two biomedicalengineers.
- 1.2. Safety aspects of Radiation dosage leakage should be spelt out.
- 1.3. Radiologists to be trained for clinical whereas the technician and biomedicalengineers to be trained for operation and day to day maintenance of the unit.
- 1.4. User manual in English incorporating the newer applications.
- 1.5. Service manual in English.
- 1.6. Log book with instruction for daily, weekly, monthly and quarterlymaintenance checklist.
- 1.7. The job description of the hospital technician and company service engineersshould be clearly spelt out.
- 1.8. Adequate books and journals within the warranty period.

**1. Warranty:**

- 1.1. Not less than 1 year.
  - 1.2. The manufacturer has to provide consumables and CAMC for 5 years after the AMC period. Year wise cost of AMC should be specified.
-

### **1.5T Supercon MRI System**

<b>S.No.</b>	<b>Product Description</b>	<b>Qty</b>
1	<b>1.5 Tesla – MRI System (HELIUM FREE)</b> <ul style="list-style-type: none"><li>• Liquid Helium Free Magnet</li><li>• Gradient Power Amplifier – CGA – 042</li><li>• RF Power Amplifier – RF-9800</li><li>• Compressor - F-50H</li><li>• Standard Coils -<ol style="list-style-type: none"><li>1. Head and Neck Joint Coil</li><li>2. Spine Coil</li><li>3. Flex Body coil</li><li>4. Universal Flex coil</li><li>5. Knee Coil</li><li>6. Shoulder Coil</li><li>7. Breast Coil</li><li>8. Wrist Coil</li><li>9. Ankle Coil</li><li>10. Temporomandibular Coil</li></ol></li><li>• New RF Shielding</li></ul>	1

### **TERMS AND CONDITIONS**

1. All turnkey works including civil, electrical, plumbing, HVAC works shall be in the scope of the supplier required for proper installation of machine only.
2. Warranty: 1 year from the date of installation, parts support warranty will be provided.
3. Online Operational training in the use of the unit will be provided by our team.
4. Our technical team will prepare the site as per the requirements for installation.
5. Accessories like UPS, Chiller, HV A/C and required Electricity power, Genset Back-up Power are to be provided by bidder.
6. Printing disposables and other disposables for initial 100 scans shall be provided Free of Cost by us in order to help in initiating immediate operations of the machines after the installation is completed.
7. The machine will be European CE (Notified Body)/USFDA Certified.

# TECHNICAL SPECIFICATIONS

## ANNEXURE-A

### 1. Magnet System

<b>Type</b>	Superconducting magnet without liquid helium		
<b>Magnetic field strength</b>	1.5T	<b>Center frequency</b>	63.87MHz
<b>Weight</b>	4400kg	<b>Patient-space geometry</b>	Diameter 60 cm, length 149 cm
<b>Static magnetic field stability</b>	≤0.1ppm/h	<b>Spatial uniformity of magnetic field (Vrms)</b>	≤0.4 ppm 45cm DSV
<b>Spatial uniformity of magnetic field (pp)</b>	≤8ppm 45cm DSV	<b>5 Gauss line</b>	4m(A) 2.5m <sup>®</sup>
<b>Shimming mode</b>	Active + passive	<b>Volume of liquid helium</b>	0L
<b>Vaporization rate of liquid helium</b>	0 L/day, direct cooling technology (without liquid helium)		

- The superconducting 1.5T non-liquid helium magnet of the imaging system adopts a solid conduction refrigeration technology, a refrigerator is used as a cold source, and a solid with high thermal conductivity is used as a heat conducting medium (called a "thermal bridge"). In order to reduce the temperature difference of thermal bridge in the process of heat conduction, materials with high RRR value are generally selected. The heat generated by the superconducting coil during operation can be directly conducted to the cold head by the thermal bridge, and the superconducting coil is always maintained in a superconducting state.
- Solid-cooled magnets maintain low temperatures in a completely different way from traditional superconducting magnets. Because the solid cold magnet does not use liquid helium, the inside is completely sealed, and the problem of pressure difference between inside and outside is not considered like the traditional superconducting magnet, in addition, if the heat leakage of the cryogenic system is controlled low enough, the cold head can give full play its refrigeration performance, and the temperature of the cold head can become lower (< 4K), so that the superconducting coil can be in a lower temperature state. Thereby improving the stability of the superconducting coil. Because the solid cooling magnet does not use helium, the coil is always in vacuum no matter in the working state, the quench state or the room temperature state, and there is no high-pressure container or cryogenic liquid in the magnet, so the safety of the solid cooling magnet is higher than that of the traditional superconducting magnet and the superconducting magnet with less liquid helium.

**Liquid helium-free magnet with the following advantages:**

1. There is no need for liquid helium at all, and there is no loss of liquid helium in any case.
2. The quench tube does not need to be configured like the traditional 1.5T, so as to protect the safety of patients and surrounding residents to the greatest extent.
3. It has the functions of automatic field lowering in case of power failure and automatic field raising in case of power restoration.
4. There is no risk of frostbite and asphyxia between doctors and patients.
5. There is no liquid helium filling tank, the site height is reduced, and the selection is easier.
6. It can be installed in any country and region, completely free from the influence of liquid helium supply.
7. And 7, that magnet can be transport by sea, air and road, and the transportation difficulty of the magnet is greatly reduced.
8. The new magnet architecture of the 8, uses a modular design with a higher degree of integration, and the magnet can recover automatically within 3 days after quenching, without the need for professional engineers to come to the scene.
9. The hospital greatly saves the use cost and does not need to buy expensive helium.

**2. Gradient System**

<b>Maximum gradient field strength</b>	Uniaxial 38.5 mT/mm	<b>Maximum switching speed</b>	Single axis 180 mT/m/ms
<b>Minimum Climb Time</b>	0.22ms	<b>Control mode</b>	Full digital real-time control
<b>Cooling method</b>	Water cooling	<b>Automatic shimming function</b>	Have
<b>Maximum scanning field of view</b>	440mm	<b>Minimum scan field of view</b>	50 mm
<b>Minimum 2D layer thickness</b>	Not more than 0.5mm	<b>Minimum 3D layer thickness</b>	Not more than 0.1mm
<b>High-order shim coil</b>	1 set of high order shim coil		

A low power, high performance gradient system that easily meets your clinical needs. Leading design of the first- class gradient system, with active shielding technology, circulating water cooling, active shimming technology, strong performance. Easily accommodate clinical applications that require rapid and complex techniques, such as ultrashort TE rapid MRA, single breath-hold thin-sliceliver scanning, and EPI imaging.

The gradient coil of this imaging system is specially designed for the superconducting magnet with a field strength of 1.5 T. It can be used with a gradient power amplifier with an output current up to 850 A. In order to reduce the eddy currents, the gradient coils are self- shielded and cooled by water.

In addition, the gradient coil includes a set of self-shielded B0 coils and a set of high-order shim coils. One part of B0 is located outside the gradient coil and the other part is located in the center of the gradient coil. One part of the high-order shim coil is located inside the gradient coil, and the other part is located in the center of the gradient coil. According to their spatial symmetry, all shim coils are decoupled from the gradient coils.

### 3. RF System

<b>Operating frequency</b>	63.87Mhz	<b>RF transmitter power</b>	18Kw
<b>RF acquisition bandwidth</b>	1Mhz, fast sampling speed, high signal-to-noise ratio	<b>Transmitter time resolution</b>	50ns
<b>Receiver</b>	100ns	/	/

The RF power amplifier (RFA) used in this MRI system is specially designed for the 1.5 T MRI system. The frequency of operation is preset to 63.86 MHz. In order to facilitate the remote control of the host, the device provides a RS232 serial interface. The RFA is provided with a real-time clock and memory space. The communication interface may allow the RF power amplifier to be controlled and monitored both locally and remotely. The monitoring capability of the average output power of the unit has a resolution of 1 W, so that the start-up level can be accurately set by software for protection purposes. The unit also has an adjustable peak incident power limit with a resolution of 100W. The amplifier uses the latest generation of solid state devices, providing excellent performance, a full range of features and high reliability.

### 4. Receiving Coils

Head and Neck Joint Coil	16 channels	Universal flexible coil	8 channels
Spine coil	16 channels	Flexible Body Coil	8 channels
Shoulder coil (optional)	8 channels	Wrist coil (optional)	4 channels
Breast coil (optional)	8 channels	Ankle coil (optional)	8 channels
Knee coil (optional)	8 channels	Temporomandibular coil (optional)	channels

## 5. Performance of Scan Bed

Maximum load bearing	200kg	Range of motion	2070±5mm (HF) , 270±10mm (AP)
Precise laser positioning	Positioning accuracy up to ± 1 mm	/	/

The scanning table system used by the magnetic resonance system mainly comprises a scanning table and a scanning table controller. The scanning bed is electrically controlled. The surface of the scanning bed is made of glassfiber reinforced plastic, and the maximum load is 200 kg. The operator can operate on that left side and the right side of the scan bed respectively and press the corresponding key on the control panel on the magnet outer cover to realize the automatic in-and-out, up-and-down movement, rapid positioning and reset control of the scan bed.

## 6. Hardware Configuration

### 6.1 Operating Computer Console

CPU	Intel Core7 and above
Memory space	8GB and above
Hard disk space	1TB and above
Video card	NVIDIA GTX Series, GTX750 and above
Network card	Gigabit NIC * 2
Optical drive	DVD RW
Operating System	Windows 10 64-bit
Display	LCD monitor above 21 inches with resolution of 1920 * 1080 and above

### 6.2 Rebuild Computer

CPU	Intel CORE, i5-2400, CORE 3.4G
Memory space	8 G DDR3 or above
Network card	Has an integrated network card
Hard storage medium (hard disk)	256G SSD or above



## 7. Equipment Operating Ambient

### 7.1 Intended usage environment

This product is intended to be used in medical institutions. To ensure safe operation of the equipment, please comply with the following conditions. In addition, special attention should be paid to ventilation during long-term storage.

**Table.1 Heat generation and usage environment conditions of each component**

Location	Unit	Calorific value		Temperature	Relative humidity	Atmospheric pressure
		kcal	(W)	(°C)	(%)	(hPa)
ShieldRoom	Magnet system Scan bed Penetration plate	2,554	2,980	20~24	45~60	700~1060
	Lighting (incandescent lamp)	*1				
Operation Room	Operating cabinet	1,157	1,350	18~26	30~75	700~1060
Equipment Room	Electrical equipment cabinet	8,887	10,370	18~26 (*2) There should be no condensation	30 ~ 75	700 ~ 1060
	Gradient power amplifier					
	Chiller system Compressor					

\*1 *Varies based on number of bulbs and wattage.*

\*2 *In order to prevent condensation, the air conditioner in the equipment room (automatic recovery type in case of power outage) should be operating for 24 hours a day to prevent external gas from entering. In addition, a dehumidifier needs to be installed.*

### 7.2 Environmental conditions for transportation and storage

- Ambient temperature: -20°C ~+ 55°C
- Relative humidity: 10 % ~95 %
- Atmospheric pressure: 70kPa ~106kPa

### 7.3 Power Conditions

- Power voltage: 3Phase AC, 380V±10%
- Power frequency: 50Hz±1Hz
- Power capacity: 75kVA

#### **7.4 Dedicated grounding**

The grounding is a Class C separate grounding stipulated in the relevant technical standards for power equipment (the grounding resistance is less than 1Ω). The ground wire must be insulated to avoid electrical contact with structures.

### **8. Product Size and Installation Requirements**

#### **8.1 Product Size**

No.	Unit	Overall dimension (mm)			Weight (kg)
		Longitudinal length	Wide	High	
1	Magnet	1570	1891	2133.5	4400
2	Scan bed	2350	700	670mm-940mm (Min~Max)	500
3	Magnet monitoring unit	800	600	1170	200
4	Operating cabinet	678	470	510	300
5	Electrical equipment cabinet	950	600	1700	300
6	Compressor	485	450	590.5	120
7	Gradient power amplifier	800	600	2020	800

#### **8.2 Installation Requirements**

##### **8.2.1 Installation Location**

In terms of equipment installation and site selection, attention should be paid to:

- The equipment is large in volume and weight, so it shall be installed in the ground floor of a multi-storey building or a single-storey building (there shall be no basement below the ground floor), the foundation shall be solid and reliable, and the equipment must be well grounded (the grounding resistance is less than 1);
- If the equipment is not waterproof, necessary anti-seepage and anti-leakage measures shall be taken in the equipment installation room.
- There shall be no large ferromagnetic equipment, such as lathes and lifting machines, within a diameter of 20 meters around the shield room, so as to avoid interference with the magnetic field of the equipment.
- There is no motor, air conditioner speed reducer, etc. causing vibration around, and there is no water pipe or water tank passing through the roof or underground of the shielding room.
- The shield room shall be far away from large electromagnetic wave transmitting devices, such as TV towers, substations, etc.

### **i. Room Size Requirements**

Room	Smallest Size	Recommended Size
Shield Room	6,300×4,500×3,300	7,000×6,500×3,300
Operation Room	1,800×3,000×3,000	2,500×4,000×3,300
Equipment Room	5,000×2,700×3,000	5,000×4,000×3,300

### **8.2.3 Requirements for shield room**

- The foundation of the shield room should be solid and reliable, capable of withstanding the magnet and scanning bed weighing approximately 4,900 kilograms.
- RF shielding in shield room  $\geq 100$ dB, its insulation resistance  $\geq 1k\Omega$ .
- Within two meters from the center of the magnet (underground), ferromagnetic material  $\leq 25$ kg/m<sup>2</sup>. The shield room must have lighting equipment.
- Wiring method: The cables in the shield room are divided into two routes, one on the ceiling and the other on the floor (image 5.1, image 5.2 For cable trenches on the floor and cable ducts on the ceiling.)

### **9. AICS Intelligent Shadow Platform**

- Invictus 1.5T superconducting magnetic resonance is equipped with a new intelligent imaging platform
- (AI + CS), which greatly improves the scanning speed, removes magnetic susceptibility artifacts, removes motion artifacts, and removes parallel acquisition of convolution artifacts, so as to obtain an effective equilibrium steady state in K space and achieve a truly high-definition image.

### **9.1 Advanced CS Compressed Sensing Technology**

CS (Compressed Sensing) Incoherent (random) under sampling Sparse transform Iterative reconstruction. Compressed sensing technology can greatly improve the scanning speed without greatly losing the image quality, and it is one of the most advanced MR algorithms. Using compressed sensing technology, the scanning speed can be greatly improved. (Note: depending on the sequence and application scenarios, the improvement efficiency is different. It has the possibility of increasing speed by up to 20 times, generally by more than 40%, and does not significantly sacrifice image quality. The CS algorithm can be combined with Grappa technology to further improve the image quality in high-speed acquisition.

## **9.2 Parallel acquisition: GRAPPA + SENSE algorithm**

(All receiving coils are phased array coils supporting parallel acquisition)

- GRAPPA (Gene Ralized Auto calibrating Partially Parallel Acquisition) general auto calibration, partial parallel acquisition, parallel acquisition acceleration technology based on K space.
- SENSE is a parallel acquisition acceleration technique based on image domain.
- GRAPPA + SENSE parallel acquisition technology makes full use of multi-channel coil, under-sampling in the phase direction, so as to achieve the purpose of acceleration. Collecting coil sensitivity information, using coil sensitivity information to correct, removing aliasing artifacts unique to parallel acquisition, and obtaining high- quality images.

## **9.3 Partial Fourier acquisition Partial Fourier**

- By using the symmetry of K space, the data can be collected by partial under sampling, and the sampling speed can be improved.
- Common clinical applications: Craniocerebral ultrafast T2WI (patients with poorly coordinated scans) Breath-hold or breath-triggered hydrography (MRCP/MRU/MRM, etc.)

## **9.4 DE-FSE (Driven Equilibrium) FSE Accelerated Acquisition Technology**

The drive balanced FSE technique uses a drive recovery pulse to reduce the acquisition time of the FSE sequence, thereby increasing the scan speed without loss of image quality. It is mostly used for FSE-T2WI sequence, such as T2WI spine scan.

## **9.5 AI Denoising artificial intelligence sharpening, noise reduction, Gibbs artifact removal algorithm**

ML (Machine Learning) machine learning artificial intelligence algorithm to eliminate Gibbs Artifacts can automatically reconstruct images with high fidelity, sharpening and noise reduction, making the images higher definition.

## **9.6 Pro RADAR 3rd Generation Propeller Technology**

Motion artifacts are suppressed Susceptibility artifacts are removed.

## **9.7 Intelligent 16-channel platform**

- 16 independent channels + all-digital optical fiber spectrometer 16-channel parallel acquisition receiving coil.

- High Speed Acquisition Algorithm Supported by High Performance GPU Acceleration High-fidelity optical fiber transmission technology.
- 32-channel interfaces are reserved to provide a platform for future upgrades

## 10. Clinical Application

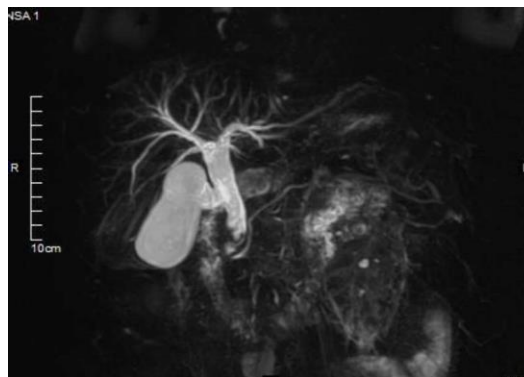
### 10.1 Invictus Free 1.5 T Standard Clinical Imaging Software Package

The scanning position is stored according to the habit of the clinical examination position, the parameters are optimized, and the scanning can be carried out at any time. At the same time, the scanning parameters can be modified, renamed, and stored, which is easy to call, so as to speed up the conventional scanning.

- Whole body basic scan sequence software, scan sequences and techniques are Spin echo sequence, T1, T2, and proton density weighted image 2D turbo spin echo sequence, T1, T2, and proton density weighted image 3D fast spinecho, heavy T2-weighted image
- Reverse recovery sequence with selectable reverse time
- Rapid inversion recovery echo for rapid IR fat or water suppression IR watersuppression technique
- IR fat suppression technique Water-fat separation technology
- MTC magnetization transfer suppression, optimized contrast and suppressed background 2D/3D gradientecho
- DWI diffusion-weighted imaging ADCapparent diffusion coefficient
- SWI susceptibility weighted imaging

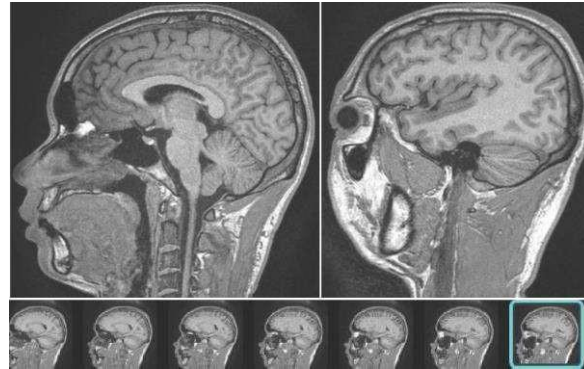
### 10.2 MPRAGE 3D High Resolution Brain Imaging

MPRAGE is a high-resolution, three-dimensional volume acquisition gradient-echo imaging technique that uses susceptibility preparation pulses to improve tissue gray and white matter contrast in order to obtain more valuable clinical images.



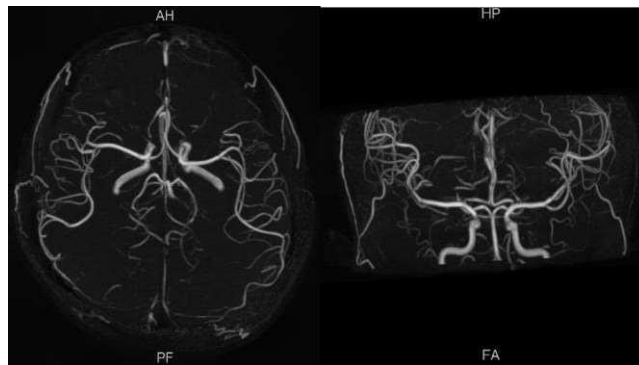
### **10.3 MRA Advanced Vascular Software Package**

TONE technology improves the display effect of blood vessel branches; AI intelligent image enhancement of 3d-tof-mra.



### **10.4 Advanced Water Imaging Software Package**

3D MRCP, MRU, MRM









### **10.5 Advanced 3D software package**





MIP Maximum Intensity Projection: Maximum Intensity Projection MIP is another powerful real-time post- processing program for reconstruction of 2D or 3D vascular data.

MPR: is a post-processing program that reconstructs multiple planes of 3D data by freely selecting the slice thickness and the slice spacing. The reconstruction results can be displayed directly on the screen or stored in the patient's database.

Invictus 1.5T is equipped with various imaging software packages, such as child imaging package, neuroimaging package and musculoskeletal joint imaging package, to provide doctors with convenient and fast clinical operation experience.

**Coil List:**

Name	Specification	Note
Head and Neck JointCoil	<p><b>Coil size:</b> 592 × 415 × 431 (L × W × H) (mm) (± 2mm), <b>Coil weight:</b> 9.8 kg,  <b>Coil type:</b> receiving, volume coil, <b>Intended use:</b> Applicable parts: head and cervical vertebra, <b>Description of coil design:</b> phased array, 16 channels,  <b>Decoupling method:</b> passive plus active decoupling  <b>Coil material:</b> Shell: PC + Zhonghua paint <b>Head and neck cushion:</b> PU leather  <b>Component mounting location:</b> system socket in front of the magnet</p>	
Spine coil	<p><b>Coil size:</b> 820 × 415 × 78 (L × W × H) (mm) (± 2 mm) <b>Coil weight:</b> 7.5 kg  <b>Coil type:</b> receiving, surface coil <b>Intended use:</b> Applicable part: Spine  <b>Description of coil design:</b> phased array, 16 channels  <b>Decoupling method:</b> passive plus active decoupling, <b>Coil material:</b> PC,  <b>Component mounting location:</b> system socket on the rear of the magnet</p>	
Flexible Body Coil	<p><b>Coil size:</b> 510 × 360 × 25 (L × W × H) (mm) (± 2 mm) <b>Coil weight:</b> 2.0 kg  <b>Coil type:</b> receiving, surface coil, <b>Intended use:</b> Applicable parts: body, hip joint  <b>Description of Coil Design:</b> Phased Array, 8 Channels,  <b>Decoupling method:</b> passive plus active decoupling, <b>Coil material:</b> PC,  <b>Component mounting location:</b> system socket on the rear of the magnet.</p>	
Breast coil (optional)	<p><b>Coil size:</b> 357 × 443 × 188 (L × W × H) (mm) (± 2mm), <b>Coil weight:</b> 4.1 kg  <b>Coil type:</b> receiving, volume coil, <b>Intended use:</b> Applicable part: mammary gland  <b>Description of Coil Design:</b> Phased Array, 8 Channels  <b>Decoupling method:</b> passive plus active decoupling, <b>Coil material:</b> PC  <b>Component mounting location:</b> system socket in front of the magnet</p>	
Knee coil (optional)	<p><b>Coil size:</b> ID 170,290 × 316 (L × W) (mm) (± 2 mm), <b>Coil weight:</b> 4.1 kg  <b>Coil type:</b> receiving, volume coil <b>Intended use:</b> Applicable part: knee joint  <b>Description of Coil Design:</b> Phased Array, 8 Channels  <b>Decoupling method:</b> passive plus active decoupling <b>Coil material:</b> PC  <b>Component mounting location:</b> system socket in front of the magnet</p>	
Universal flexible coil	<p><b>Coil size:</b> 370 × 210 × 25 (L × W × H) (mm) (± 2 mm) <b>Coil weight:</b> 1.2 kg  <b>Coil type:</b> receiving, surface coil, <b>Intended use:</b> Applicable parts: shoulder joint, elbow joint, knee joint, <b>Description of Coil Design:</b> Phased Array, 8 Channels,  <b>Decoupling method:</b> passive plus active decoupling <b>Coil material:</b> PC  <b>Component mounting location:</b> System socket in front of the magnet</p>	

Shoulder coil	<p><b>Coil size:</b> 300 × 487 × 350 (L × W × H) (mm) (± 2 mm), <b>Coil weight:</b> 4.2kg  <b>Coil type:</b> receiving, volume coil, <b>Intended use:</b> Applicable part: Shoulder joint  <b>Description of Coil Design:</b> Phased Array, 8 Channels</p>	
	<p><b>Decoupling method:</b> passive plus active decoupling  <b>Component mounting location:</b> system socket in front of the magnet</p>	
Wrist coil (optional)	<p><b>Coil size:</b> 160 × 210 × 150 (L × W × H) (mm) (± 2 mm), <b>Coil weight:</b> 1.7 kg  <b>Coil type:</b> receiving, volume coil, <b>Intended use:</b> Applicable part: Wrist joint  <b>Description of Coil Design:</b> Phased Array, 4 Channel, <b>Decoupling method:</b> passive plus active decoupling <b>Coil material:</b> Shell: PC + paint Wrist coil outer cushion: PU leather <b>Component mounting location:</b> system socket in front of the magnet</p>	
Ankle coil (optional)	<p><b>Coil size:</b> 352 × 406 × 362 (L × W × H) (mm) (± 2mm), <b>Coil weight:</b> 6.5kg  <b>Coil type:</b> receiving, volume coil <b>Intended use:</b> Applicable part: Ankle joint  <b>Description of Coil Design:</b> Phased Array, 8, Channels, <b>Decoupling method:</b> passive plus active decoupling <b>Coil material:</b> Shell: PC + Zhonghua paint, <b>Foot coil outer cushion:</b> PU leather <b>Footpad:</b> PU leather, <b>Component mounting location:</b> system socket in front of the magnet.</p>	
Temporomandibular coil (optional)	<p><b>Coil size:</b> 360 × 408 × 250 (L × W × H) (mm) (± 2 mm), <b>Coil weight:</b> 4.2 kg  <b>Coil type:</b> receiving, surface coil, <b>Intended use:</b> Applicable site: temporomandibular joint  <b>Description of Coil Design:</b> Phased Array, 2 Channel <b>Decoupling method:</b> passive plus active decoupling, <b>Coil material:</b> Shell: PC + Zhonghua paint  Temporomandibular coil cushion: PU leather</p>	
	<p><b>Component mounting location:</b> system socket in front of the magnet</p>	

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**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
  - 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
- 07 Test certificate held for evaluation
  - a. type test
  - b. BIS/ISO certification
  - c. any other
- 08 Details of staff
  - a. technical
  - b. skilled
  - c. unskilled

**Signature and seal of the Tenderer**

**(Section IX)**  
**Qualification Criteria**

1. The bidder should have average annual turnover of Rs. 16.25 cr. In the last three years (2021-22, 2022-23, 2023-24). Audited Balance sheets, profit & loss statements and income tax return statements should be attached establishing documentary proof of financial status of the bidder.
2. The bidder or the OEM either directly or through its reseller should have successfully supplied and installed any one item similar to the items mentioned in the schedule of requirements in the last seven years. The bidder should attach the copy of purchase order and end user certificate to establish the successful supply and installation of the equipment.

Similar items shall mean supply and installation of CT scan machine or MRI machine.

3. It is mandatory for the bidder to quote all the items mentioned in the schedule of requirement failing which the bid shall be rejected summarily.
4. The tenderer must be a manufacturer. In case the manufacturer does not quote directly, they may authorize an agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.
5. The bidders/ firms identifying as MSME and or start-up firms are exempted from fulfilling criteria at S. No. 2 stated above. However, this does not exempt any bidder/firm/ manufacturer from fulfilling the quality requirements.
6. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with Competent Authority, as specified in Annexure-C of order F.No.6/18/2019-PPD dated 23-July-2020 and bidder must comply with all provisions mentioned in the order. A self- declaration with respect to above order must be submitted.
7. Preference to Make In India products (For bids less than 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020 and its susequent amendment thereof. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
8. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to

match L-1 price and contract will be awarded for percentage of 25% of total value.

9. The Purchaser/buyer reserves the right to ask for a free demonstration of the quoted equipment after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at site (in case of non-portable and heavy equipment) for technical acceptability as per the bidding document specifications, before the opening of the Price Bid.

**NOTE:**

1. The tenderer shall give an affidavit as under:  
**“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.”**
2. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma ‘A’.  
  
The manufacturer (Tenderer)/ Indian Agent shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly notarized in the country of origin, along with the tender.
3. 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.
4. 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
5. **The bidder should submit the manufacturer’s production capacity, meeting the quantity requirement and delivery schedule requirement of this tender document.**
6. 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 five years)

Tender Reference No. : \_\_\_\_\_

Date of opening : \_\_\_\_\_

Time : \_\_\_\_\_

Name and address of the Tenderer : \_\_\_\_\_

Name and address of the manufacturer : \_\_\_\_\_

Order placed by (full address of Purchaser / Consignee)	Order number and date	Description and quantity of ordered goods and services	Value of order (Rs.)	Date of completion of Contract		Remarks indicating reasons for delay if any	Have the goods been functioning Satisfactorily (attach documentary proof)**
				As per contract	Actual		
1	2	3	4	5	6	7	8

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.

**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.**

**\*\* The bidders are requested to submit the latest purchase order copies supporting the proof for supplied and delivery & installation of Purchase Order with Installation Report and end user Mail ID, Contact No etc,**

**Section – X**  
**TENDER FORM**

To,  
HSCC (India) Ltd  
E-6(A), Sector -1, Noida

Date\_\_\_\_\_

Ref. Your TE document No.\_\_\_\_\_dated \_\_\_\_\_

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendums (*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 as shown in the price schedules 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

---

**SECTION - XI PRICE SCHEDULE**

**A) PRICE SCHEDULE FOR DOMESTIC GOODS or GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA**

1	2	3	4	5					6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)					Total Price (at Consignee Site) basis (Rs.)
			Ex - factory/ Ex - warehouse /Ex-showroom /Off - the shelf (a)		Packing and Forwarding charges  (b)	Inland Transportation, Insurance for a period including 3 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (c)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site  (d)	Unit Price (at Consignee Site) basis (Rs.)  (f) =a+b+c+d	4 x 5(f)

Total Tender price in Rupees: \_\_\_\_\_

**In words:** \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. Specify HSN Codes: ( \_\_\_\_\_ )
4. The transportation of Equipment from Delhi to Kabul will be paid on actuals.

**Place:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature of Tenderer** \_\_\_\_\_

**Seal of the Tenderer** \_\_\_\_\_

**Name** \_\_\_\_\_  
**Business Address** \_\_\_\_\_



Indian Agency Commission - \_\_% of FOB/FCA.

Name \_\_\_\_\_  
Business \_\_\_\_\_  
Address \_\_\_\_\_

Place: \_\_\_\_\_  
Date: \_\_\_\_\_

Signature of \_\_\_\_\_  
Tenderer \_\_\_\_\_  
Seal of the \_\_\_\_\_  
Tenderer \_\_\_\_\_

For price bid evaluation bidder must quote actual custom duty and IGST as applicable on the imported equipment offered.

**Note :** Reimbursement of Custom Duty & IGST: The Custom Duty & IGST amount as mentioned in the price schedule in INR will be compared with the actual total Custom Duty amount paid to custom department & actual IGST paid and the same will be reimbursed to the supplier as per the following:

- a). If the custom duty & IGST amount as mentioned in the price schedule is **equal** to the actual total custom duty amount levied by the custom department & actual IGST paid, the actual total custom duty amount levied by custom department & actual IGST paid shall prevail and reimbursed to the supplier in INR accordingly on submission of original documentary evidence.
- b). If the custom duty & IGST amount as mentioned in the price schedule is **more** than the actual total custom duty amount levied by the custom department, the actual total custom duty amount levied by custom department & actual IGST paid shall prevail and reimbursed to the supplier in INR accordingly on submission of original documentary evidence.

***c). If the custom duty & IGST amount as mentioned in the price schedule is less than the actual total custom duty amount levied by the custom department and the actual IGST paid, the custom duty amount and IGST as mentioned in the price schedule shall prevail only and reimbursed to the supplier in INR accordingly.***

d). Any upward/downward change in custom duty & IGST as a result of any statutory variation in custom duty & IGST taking place within the contract terms shall be allowed to the extent of actual quantum of custom duty paid by the supplier. In case of downward revision in the custom duty, the actual quantum of reduction shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concessions etc. Obtained by the supplier.





SECTION – XI PRICE SCHEDULE

**C) PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD**

1	2	3	4					5
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	
			a	B	c	d	E	

\* After completion of Warranty period

**NOTE:-**

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
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 on yearly basis for complete equipment and Turnkey (if any).
3. 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.
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.

Name \_\_\_\_\_ Business Address \_\_\_\_\_

Place: \_\_\_\_\_ Signature of \_\_\_\_\_

Date: \_\_\_\_\_ Tenderer \_\_\_\_\_ Seal of the \_\_\_\_\_

Tenderer \_\_\_\_\_

**SECTION XI- PRICE SCHEDULE**

**D) PRICE SCHEDULE FOR TURNKEY**

<b>Schedule No.</b>	<b>BRIEF TURNKEY DESCRIPTION OF GOODS</b>	<b>CONSIGNEE</b>	<b>Turnkey price</b>

Note: -

1. The cost of Turnkey as per Technical Specification (Section VII) may be quoted on lump sum 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.
2. Cost of Turnkey will be added for Ranking/Evaluation purpose.
3. The payment of Turnkey will be made as per clause GCC clause 21.1 (c).
4. The stipulations in Technical Specification will supersede above provisions

**Name** \_\_\_\_\_

**Business**

**Address** \_\_\_\_\_

—

**Place:** \_\_\_\_\_ **Signature of Tenderer** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Seal of the Tenderer** \_\_\_\_\_

**SECTION – XII**  
**QUESTIONNAIRE**

**Fill up the Techno-Commercial Compliance Sheet Bid provided in spreadsheet (Excel file) and upload in the CPPP Portal**

1. The tenderer should furnish specific answers to all the questions/issues mentioned in the Techno-Commercial Compliance Sheet. In case a question/issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.
  2. Wherever necessary and applicable, the tenderer shall enclose certified scanned copy as documentary proof/ evidence to substantiate the corresponding statement.
  3. In case a tenderer furnishes a wrong or evasive answer against any of the question/issues, their tender is 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:-  
fails or refuses to furnish the performance security for the due performance of the contract or fails or refuses to accept/execute the contract or  
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 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

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**SECTION – XIV MANUFACTURER'S AUTHORISATION FORM**

GM (P)

HSCC India Ltd

NOIDA

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 also state that we are not participating directly in this tender for the following reason(s):  
\_\_\_\_\_  
*(please provide reason here).*

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.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorised agent

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly”

Yours faithfully,

[*Signature with date, name, designation and Email*] for and on behalf of Messrs \_\_\_\_\_  
[*Name & address of the manufacturers*]

Note:

- (1) *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.*
  - (2) *Original letter may be sent.*
  - (3) *The purchaser reserves the right to verify this document with its signatory.*
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**SECTION – XV**  
**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY**

GM (P) HSCC India Ltd

WHEREAS \_\_\_\_\_ (Name and address of  
the supplier) (Hereinafter called “the supplier”)  
has \_\_\_\_\_ undertaken, in pursuance \_\_\_\_\_ of contractno \_\_\_\_\_  
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 scheduled commercial 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 till such time to cover two months beyond the warranty period from the date of Notification of Award i.e. up to \_\_\_\_\_ (indicate date).

.....  
(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

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**SECTION – XVI****CONTRACT****FORM A****CONTRACT FORM FOR SUPPLY, INSTALLATION, COMMISSIONING, HANDING OVER, TRIAL RUN, TRAINING OF OPERATORS & WARRANTY OF GOODS**

(Address of the  
Purchaser/Consignee 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 integral 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:

Schedule No.	Brief description of goods/services	Accounting unit	Quantity to be supplied	Unit Price	Total price	Terms of delivery



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**HSCC India Ltd**

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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
6. Warranty clause
  7. Payment terms
  8. Paying authority

\_\_\_\_\_  
 (Signature, name and  
 address

s of the Purchaser's/Consignee'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: \_\_\_\_\_

---

**CONTRACT FORM – B**  
**CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT**

Annual CM Contract No. \_\_\_\_\_ dated \_\_\_\_\_

Between

(Address of Head of Hospital)

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

1. The Contract of Annual Comprehensive Maintenance is hereby concluded as under: -

1	2	3	4					5
Schedule No.	Brief description of goods	Quantity (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit yearwise*.					Total Annual Comprehensive Maintenance Contract Cost for 5Years  [3 x (4a+4b+4c+4d+4e)]
			1st	2nd	3rd	4th	5th	
			a	b	c	d	e	

Total value (in figure) \_\_\_\_\_ (In words) \_\_\_\_\_

- 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)
- 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 vacuumatic parts, \_\_\_\_\_ & \_\_\_\_\_) and Site Modification Work (if any).
- There will be 95% 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.

5. 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 atleast twice in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
6. All software updates should be provided free of cost during CMC.
7. 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 2.5 % of the cost of the equipment 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/Consignee.
8. 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 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.
9. **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.
10. **Paying authority:** \_\_\_\_\_ (name of the consignee i.e. Hospital authorised official)

\_\_\_\_\_  
\_\_\_\_\_  
(Signature, name and address of Hospital authorised official)

For and on behalf of \_\_\_\_\_

Received and accepted this contract.  
(Signature, name and address of the supplier's  
executed 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:

- 1) Contract No. & date : \_\_\_\_\_
  - 2) Supplier's Name : \_\_\_\_\_
  - 3) Consignee's Name & Address with telephone No. & Fax No. : \_\_\_\_\_
  - 4) Name of the item supplied : \_\_\_\_\_
  - 5) Quantity Supplied : \_\_\_\_\_
  - 6) Date of Receipt by the Consignee : \_\_\_\_\_
  - 7) Name and designation of Authorized Representative of Consignee : \_\_\_\_\_
  - 8) Signature of Authorized Representative of Consignee with date : \_\_\_\_\_
  - 9) 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/Transporters: \_\_\_\_\_
- (g) Name of the Consignee: \_\_\_\_\_
- (h) Date of site hand-over to the supplier by consignee: \_\_\_\_\_
- (i) Date of commissioning and proving test: \_\_\_\_\_

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

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

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:



- a) He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to 'Technical Specifications'.
- b) 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/Consignee in respect of the installation of the equipment (s)/plant(s).
- c) 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 contractis.....

The amount of recovery on account of non-supply of accessories and spares is given under Parano.02

The amount of recovery on account of failure of the supplier to meet his contractual obligationsis\_\_\_\_\_(here indicate the amount).

*(Signature)*  
*(Name)*  
*(Designation with stamp)*

**## Explanatory notes for filling up the certificate:**

- i) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.
- ii) 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/Consignee in respect of the installation of the equipment (s)/plant(s).
- iii) Training of personnel has been done by the supplier as specified in the contract.
- iv) 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.

**SECTION – XIX**  
**AFFIDAVIT/UNDERTAKIN**  
**G**

I/ We have read and understood the instructions and the terms and conditions contained in the document. I/We accordingly accept all terms and conditions of the tender enquiry document including the essential conditions specially incorporated in the tender enquiry like terms of terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law. I/ We confirm that we do not stand deregistered/debarred/banned/blacklisted by any Govt. Authorities. I/ We do hereby declare that the information furnished/ uploaded is correct to the best of my/our knowledge and belief. I/We hereby certify that the prices offered by us in this tender is not higher than the prices we had offered to any other Govt. of India Organisation(s)/PSU(s) during the last one year and shall provide the justification for reasonableness of our offered price whenever asked during evaluation of our submitted bid. I/ We also hereby certify that if at any time, information furnished by us is proved to be false or incorrect; I/ We are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.

Date:

(Signature of the bidder)  
NAME & ADDRESS OF THE BIDDER

NOTE: To be submitted on non-judicial stamp paper of Rs. 10/- duly certified by Public Notary

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## SECTION – XX

### Consignee List

<b>Sl. No.</b>	<b>Name of C</b>
1.	400 Bed Hospital, Kabul MRI1.5 Tesla
2.	128 Slice CT Scan, IGICH Hospital, Kabul Machine

**NOTE: The consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates, Road Permits & Entry Tax Exemption Certificates, wherever applicable, to the suppliers.**

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APPENDIX – A

No. P-45021/2/2017-PP (BE-II)  
Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
(Public Procurement Section)

Udyog Bhawan, New Delhi  
Dated: 29<sup>th</sup> May, 2019

To

All Central Ministries/Departments/CPSUs/All concerned

**ORDER**

**Subject: Public Procurement (Preference to Make in India), Order 2017 – Revision; regarding.**

Department for Promotion of Industry and Internal Trade, in partial modification [Paras 3(a) and 14 modified and Para 10A added] of Order No.P-45021/2/2017-B.E.-II dated 15.6.2017 as amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, hereby issues the revised "Public Procurement (Preference to Make in India), Order 2017" with immediate effect:-

**Whereas** it is the policy of the Government of India to encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, and

**Whereas** procurement by the Government is substantial in amount and can contribute towards this policy objective, and

**Whereas** local content can be increased through partnerships, cooperation with local companies, establishing production units in India or Joint Ventures (JV) with Indian suppliers, increasing the participation of local employees in services and training them,

**Now therefore the following Order is issued :**

1. This Order is issued pursuant to Rule 153 (ii) of the General Financial Rules 2017.
2. **Definitions:** For the purposes of this Order:

'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

'Local supplier' means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed under this Order or by the competent Ministries / Departments in pursuance of this order.

'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

'margin of purchase preference' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

'Nodal Ministry' means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services or works.

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'Procuring entity' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.

'Works' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works'.

3. **Requirement of Purchase Preference :** Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder

- a. In procurement of all goods, services or works in respect of which the estimated value of procurement is less than INR 50 Lakhs, only local suppliers shall be eligible to bid. However, in procurement of all goods, services or works, in respect of which the Nodal Ministry / Department has communicated that there is sufficient local capacity and local competition, only local suppliers shall be eligible to bid irrespective of purchase value.

Provided that for any particular item, the Nodal Ministry / Department may also prescribe an upper threshold limit, below which procurement shall be made only from local suppliers.

Further provided that in any particular case of procurement, if the procuring authority is of the view that the goods, services or works of required quality / specifications etc. may not be available in the country, or sufficient capacity or competition does not exist domestically, and it is necessary to undertake global competitive bidding, the procuring authority may allow the same after recording reasons. In such cases, the provisions of sub-paragraph b or c, as the case may be, shall apply.

- b. In the procurements of goods or works which are not covered by paragraph 3a and which are divisible in nature, the following procedure shall be followed;
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
  - ii. If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- c. In procurements of goods or works not covered by sub-paragraph 3a and which are not divisible, and in procurement of services where the bid is evaluated on price alone, the following procedure shall be followed:-
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.

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- ii. If L1 is not from a local supplier, the lowest bidder among the local suppliers, will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L1 price.
  - iii. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.
4. **Exemption of small purchases:** Notwithstanding anything contained in paragraph 3, procurements where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.
5. **Minimum local content:** The minimum local content shall ordinarily be 50%. The Nodal Ministry may prescribe a higher or lower percentage in respect of any particular item and may also prescribe the manner of calculation of local content.
6. **Margin of Purchase Preference:** The margin of purchase preference shall be 20%.
7. **Requirement for specification in advance:** The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
8. **Government E-marketplace:** In respect of procurement through the Government E-marketplace (GeM) shall, as far as possible, specifically mark the items which meet the minimum local content while registering the item for display, and shall, wherever feasible, make provision for automated comparison with purchase preference and without purchase preference and for obtaining consent of the local supplier in those cases where purchase preference is to be exercised.
9. **Verification of local content:**
- a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
  - b. In cases of procurement for a value in excess of Rs. 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
  - c. Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.
  - d. Nodal Ministries may constitute committees with internal and external experts for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in the case of complaints.

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- e. Nodal Ministries and procuring entities may prescribe fees for such complaints.
  - f. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (ii) of the General Financial Rules along with such other actions as may be permissible under law.
  - g. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph 9h below.
  - h. The Department of Expenditure shall issue suitable instructions for the effective and smooth operation of this process, so that:
    - i. The fact and duration of debarment for violation of this Order by any procuring entity are promptly brought to the notice of the Member-Convenor of the Standing Committee and the Department of Expenditure through the concerned Ministry /Department or in some other manner;
    - ii. on a periodical basis such cases are consolidated and a centralized list or decentralized lists of such suppliers with the period of debarment is maintained and displayed on website(s);
    - iii. in respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on the website(s) in the such a manner that ongoing procurements are not disrupted.
- 10. Specifications in Tenders and other procurement solicitations:**
- a. Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports.
  - b. Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of local suppliers who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier.
  - c. Procuring entities shall, within 2 months of the issue of this Order review all existing eligibility norms and conditions with reference to sub-paragraphs 'a' and 'b' above.
  - d. If a Nodal Ministry is satisfied that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, it may, if it deems appropriate, restrict or exclude bidders from that country from eligibility for procurement of that item and/ or other items relating to that Nodal Ministry. A copy of every instruction or decision taken in this regard shall be sent to the Chairman of the Standing Committee.

- e. For the purpose of sub-paragraph 10 d above, a supplier or bidder shall be considered to be from a country if (i) the entity is incorporated in that country, or (ii) a majority of its shareholding or effective control of the entity is exercised from that country; or (iii) more than 50% of the value of the item being supplied has been added in that country. Indian suppliers shall mean those entities which meet any of these tests with respect to India.<sup>7</sup>

**10A. Action for non-compliance of the Provisions of the Order:** In case restrictive or discriminatory conditions against domestic suppliers are included in bid documents, an inquiry shall be conducted by the Administrative Department undertaking the procurement (including procurement by any entity under its administrative control) to fix responsibility for the same. Thereafter, appropriate action, administrative or otherwise, shall be taken against erring officials of procurement entities under relevant provisions. Intimation on all such actions shall be sent to the Standing Committee.

**11. Assessment of supply base by Nodal Ministries:** The Nodal Ministry shall keep in view the domestic manufacturing / supply base and assess the available capacity and the extent of local competition while identifying items and prescribing minimum local content or the manner of its calculation, with a view to avoiding cost increase from the operation of this Order.

**12. Increase in minimum local content:** The Nodal Ministry may annually review the local content requirements with a view to increasing them, subject to availability of sufficient local competition with adequate quality.

**13. Manufacture under license/ technology collaboration agreements with phased indigenization:** While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content.

**14. Powers to grant exemption and to reduce minimum local content:** The administrative Department undertaking the procurement (including procurement by any entity under its administrative control), with the approval of their Minister-in-charge, may by written order, for reasons to be recorded in writing,

- a. reduce the minimum local content below the prescribed level; or
- b. reduce the margin of purchase preference below 20%; or
- c. exempt any particular item or supplying entities or class or classes of items or procuring or supplying entities from the operation of this Order or any part of the Order.

A copy of every such order shall be provided to the Standing Committee and concerned Nodal Ministry / Department. The Nodal Ministry / Department concerned will continue to have the power to vary its notification on Minimum Local Content.

**15. Directions to Government companies:** In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.

16. **Standing Committee:** A standing committee is hereby constituted with the following membership:

Secretary, Department for Promotion of Industry and Internal Trade—Chairman  
Secretary, Commerce—Member  
Secretary, Ministry of Electronics and Information Technology—Member  
Joint Secretary (Public Procurement), Department of Expenditure—Member  
Joint Secretary (DPIIT)—Member-Convenor

The Secretary of the Department concerned with a particular item shall be a member in respect of issues relating to such item. The Chairman of the Committee may co-opt technical experts as relevant to any issue or class of issues under its consideration.

17. **Functions of the Standing Committee:** The Standing Committee shall meet as often as necessary, but not less than once in six months. The Committee

- a. shall oversee the implementation of this order and issues arising therefrom, and make recommendations to Nodal Ministries and procuring entities.
- b. shall annually assess and periodically monitor compliance with this Order
- c. shall identify Nodal Ministries and the allocation of items among them for issue of notifications on minimum local content
- d. may require furnishing of details or returns regarding compliance with this Order and related matters
- e. may, during the annual review or otherwise, assess issues, if any, where it is felt that the manner of implementation of the order results in any restrictive practices, cartelization or increase in public expenditure and suggest remedial measures
- f. may examine cases covered by paragraph 13 above relating to manufacture under license/ technology transfer agreements with a view to satisfying itself that adequate mechanisms exist for enforcement of such agreements and for attaining the underlying objective of progressive indigenization
- g. may consider any other issue relating to this Order which may arise.

18. **Removal of difficulties:** Ministries /Departments and the Boards of Directors of Government companies may issue such clarifications and instructions as may be necessary for the removal of any difficulties arising in the implementation of this Order.

19. **Ministries having existing policies:** Where any Ministry or Department has its own policy for preference to local content approved by the Cabinet after 1<sup>st</sup> January 2015, such policies will prevail over the provisions of this Order. All other existing orders on preference to local content shall be reviewed by the Nodal Ministries and revised as needed to conform to this Order, within two months of the issue of this Order.

20. **Transitional provision:** This Order shall not apply to any tender or procurement for which notice inviting tender or other form of procurement solicitation has been issued before the issue of this Order.

  
(Arun Mahendru Bara)  
Senior Development Officer  
Tel: 2306 2635

No. P-45021/2/2017-B.E.-II  
Government of India  
Ministry of Commerce and Industry  
Department of Industrial Policy and Promotion  
\*\*\*\*

Dated 15<sup>th</sup> June, 2017  
Udyog Bhawan, New Delhi

To

All Central Ministries/Departments/CPSUs/All concerned

**ORDER**

**Subject: Public Procurement (Preference to Make in India), Order 2017**

**Whereas** it is the policy of the Government of India to encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, and

**Whereas** procurement by the Government is substantial in amount and can contribute towards this policy objective, and

**Whereas** local content can be increased through partnerships, cooperation with local companies, establishing production units in India or Joint Ventures (JV) with Indian suppliers, increasing the participation of local employees in services and training them,

**Now therefore the following Order is issued :**

1. This Order is issued pursuant to Rule 153 (ii) of the General Financial Rules 2017.
2. **Definitions:** For the purposes of this Order:

*'Local content'* means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

*'Local supplier'* means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed under this Order or by the competent Ministries / Departments in pursuance of this order.

*'L1'* means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

*'margin of purchase preference'* means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

*'Nodal Ministry'* means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services.

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'Procuring entity' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.

3. **Requirement of Purchase Preference:** Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder:
- a. In procurement of goods in respect of which the Nodal Ministry has communicated that there is sufficient local capacity and local competition, and where the estimated value of procurement is Rs. 50 lakhs or less, only local suppliers shall be eligible. If the estimated value of procurement of such goods is more than Rs. 50 lakhs, the provisions of sub-paragraph b or c, as the case may be, shall apply.
  - b. In the procurements of goods which are not covered by paragraph 3a and which are divisible in nature, the following procedure shall be followed:
    - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
    - ii. If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
  - c. In procurements of goods not covered by sub-paragraph 3a and which are not divisible, and in procurement of services where the bid is evaluated on price alone, the following procedure shall be followed:
    - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.
    - ii. If L1 is not from a local supplier, the lowest bidder among the local suppliers, will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L1 price.
    - iii. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.

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4. **Exemption of small purchases:** Notwithstanding anything contained in paragraph 3, procurements where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.
5. **Minimum local content:** The minimum local content shall ordinarily be 50%. The Nodal Ministry may prescribe a higher or lower percentage in respect of any particular item and may also prescribe the manner of calculation of local content.
6. **Margin of Purchase Preference:** The margin of purchase preference shall be 20%.
7. **Requirement for specification in advance:** The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
8. **Government E-marketplace:** In respect of procurement through the Government E-marketplace (GeM) shall, as far as possible, specifically mark the items which meet the minimum local content while registering the item for display, and shall, wherever feasible, make provision for automated comparison with purchase preference and without purchase preference and for obtaining consent of the local supplier in those cases where purchase preference is to be exercised.
9. **Verification of local content**
  - a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
  - b. In cases of procurement for a value in excess of Rs. 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
  - c. Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.
  - d. Nodal Ministries may constitute committees with internal and external experts for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in the case of complaints.
  - e. Nodal Ministries and procuring entities may prescribe fees for such complaints.
  - f. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (ii) of the General Financial Rules along with such other actions as may be permissible under law.
  - g. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the

11. **Assessment of supply base by Nodal Ministries:** The Nodal Ministry shall keep in view the domestic manufacturing / supply base and assess the available capacity and the extent of local competition while identifying items and prescribing minimum local content or the manner of its calculation, with a view to avoiding cost increase from the operation of this Order.
12. **Increase in minimum local content:** The Nodal Ministry may annually review the local content requirements with a view to increasing them, subject to availability of sufficient local competition with adequate quality.
13. **Manufacture under license/ technology collaboration agreements with phased indigenization:** While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content.
14. **Powers to grant exemption and to reduce minimum local content:** Ministries /Departments of Government of India and the Boards of Directors of Government companies or autonomous bodies may, by written order,
  - a. reduce the minimum local content below the prescribed level;
  - b. reduce the margin of purchase preference below 20% ;
  - c. exempt any particular item or procuring or supplying entities or class or classes of items or procuring or supplying entities from the operation of this Order or any part of the Order.

A copy of every such order shall be marked to the Member-Convenor of the Standing Committee constituted under this Order.

15. **Directions to Government companies:** In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.
16. **Standing Committee:** A standing committee is hereby constituted with the following membership:

Secretary, Department of Industrial Policy and Promotion—Chairman  
Secretary, Commerce—Member  
Secretary, Ministry of Electronics and Information Technology—Member  
Joint Secretary (Public Procurement), Department of Expenditure—Member  
Joint Secretary (DIPP)—Member-Convenor

The Secretary of the Department concerned with a particular item shall be a member in respect of issues relating to such item. The Chairman of the Committee may co-opt technical experts as relevant to any issue or class of issues under its consideration.

17. **Functions of the Standing Committee:** The Standing Committee shall meet as often as necessary but not less than once in six months. The Committee
- shall oversee the implementation of this order and issues arising therefrom, and make recommendations to Nodal Ministries and procuring entities.
  - shall annually assess and periodically monitor compliance with this Order.
  - shall identify Nodal Ministries and the allocation of items among them for issue of notifications, on minimum local content.
  - may require furnishing of details or returns regarding compliance with this Order and related matters.
  - may, during the annual review or otherwise, assess issues, if any, where it is felt that the manner of implementation of the order results in any restrictive practices, cartelization or increase in public expenditure and suggest remedial measures.
  - may examine cases covered by paragraph 13 above relating to manufacture under license/ technology transfer agreements with a view to satisfying itself that adequate mechanisms exist for enforcement of such agreements and for attaining the underlying objective of progressive indigenization.
  - may consider any other issue relating to this Order which may arise.
18. **Removal of difficulties:** Ministries /Departments and the Boards of Directors of Government companies may issue such clarifications and instructions as may be necessary for the removal of any difficulties arising in the implementation of this Order.
19. **Ministries having existing policies:** Where any Ministry or Department has its own policy for preference to local content approved by the Cabinet after 1<sup>st</sup> January 2015, such policies will prevail over the provisions of this Order. All other existing orders on preference to local content shall be reviewed by the Nodal Ministries and revised as needed to conform to this Order, within two months of the issue of this Order.
20. **Transitional provision:** This Order shall not apply to any tender or procurement for which notice inviting tender or other form of procurement solicitation has been issued before the issue of this Order.

  
(B. S. Nayak)  
Under Secretary to Government of India  
Ph. 23061257

F.No.31026/36/2016-MD  
Ministry of Chemicals & Fertilizers  
Government of India  
Department of Pharmaceuticals

Dated 16<sup>th</sup> February, 2021  
Shastri Bhawan, New Delhi

**Subject: Guidelines for implementing the provisions of Public Procurement (Preference to Make in India) Order (PPO), 2017 - revision, related to procurement of Goods & Services in Medical Devices - reg.**

**Whereas** Department for Promotion of Industry and Internal Trade (DPIIT), pursuant to Rule 153(iii) of the General Financial Rules 2017, has issued Public Procurement (Preference to Make in India) Order (PPO), 2017 vide no. P-4502/2/2017-B.E.-II dated 15.06.2017, which is partially modified by Order no. P-45021/2/2017-PP (BE-II) dated 28.05.2018, Order no. P-45021/2/2017-PP (BE-II) dated 29.05.2019, Order no. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and Order no. P-45021/2/2017-PP (BE-II) dated 16.09.2020.

**Whereas** it is the policy of the Government of India to encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, and

**Whereas** DPIIT, in order to facilitate the implementation of the PPO, 2017, vide D.O. No. P-45021/2/2017-BE-II dated 14.08.2017 has identified Department of Pharmaceuticals (DoP) as the Nodal Department for implementing the provisions of the PPO, 2017 relating to goods & services related to Pharmaceuticals Sector. DPIIT vide O.M. no. P-45021/13/2017-PP Section BE-II dated 23.03.2018 has decided that the Nodal department for product category Medical Devices shall be Department of Pharmaceuticals.

Now, therefore, Department of Pharmaceuticals, in supersession of the guidelines issued earlier vide F.No. 31026/36/2016-MD dated 18.05.2018, F.No. 31026/36/2016-MD dated 16.10.2018, F.No. 31026/36/2016-MD (Vol-II) dated 12.12.2019 and F.No. 31026/36/2016-MD dated 09.11.2020, issues the following guidelines for implementation of the provisions of Public Procurement (Preference to Make in India) Order (PPO), 2017, as revised by DPIIT on 16.09.2020, with respect to public procurement of Goods & Services in Medical Devices:-

1. **Local Content:** 'Local content' means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
2. **Class-I Local supplier** means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%.
3. **Class-II local supplier** means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 25% but less than 50%.

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4. **Non-Local supplier** means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than or equal to 25%.

5. **Verification of Local Content:**

- a. The 'Class-I local supplier' / 'Class-II local Supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier' / 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- b. In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier' / 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- c. The following Committee is being formed for independent verification of self-declarations and auditor's/accountant's certificate on random basis and in the case of complaints-

1. Chairman - Joint Secretary (Medical Device) in DoP
2. Member - Director / Deputy Secretary (Medical Devices) in DoP
3. Member - Representative (not below the rank of Deputy Secretary) from M/o Health & Family Welfare / CDSO
4. Member - Dr. Akshaya Srivastva, Associate Professor, National Institute of Pharmaceutical Education and Research, Ahmedabad
5. Member - Dr. Jitendra Sharma, CEO & MD, Andhra Pradesh Medtech Zone Ltd, Andhra Pradesh

- a. In case of reference of any complaint 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 complaint 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.

6. These guidelines shall be applicable to all Central Sector Schemes/Centrally Sponsored Schemes for procurement made by States and local bodies if project or scheme is fully or partially funded by Government of India.

7. All other provisions of Public Procurement (Preference to Make in India) Order 2017, as revised by DPIIT on 16.09.2020, shall be applicable as such and shall be adhered to by all procuring agencies for procurement of any medical device.

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8. These guidelines shall remain applicable, until further orders, from the date of issuance.

9. These guidelines will supersede the guidelines issued earlier by DoP vide F.No. 31026/36/2016-MD dated 18.05.2018, F.No. 31026/36/2016-MD dated 16.10.2018, F.No. 31026/36/2016-MD (Vol-II) dated 12.12.2019 and F.No. 31026/36/2016-MD dated 09.11.2020.

SGP 16/2  
(Dr. Sumit Garg)  
Deputy Secretary  
Tele: 011-23389840

Copy to:

1. All Ministries/Departments of Government of India
  2. Cabinet Secretariat
  3. PMO
  4. NITI Aayog
  5. Comptroller and Auditor General of India
  6. AS&FA, Department of Pharmaccuticals
  7. Joint Secretary (DPIIT), Member-Convcner of Standing Committee of Public Procurement Order
  8. Internal Circulation
-

**APPENDIX-**

**B**

**INTEGRITY**

**PACT**

**PRE-CONTRACT INTEGRITY PACT**

**INTEGRITY PACT**

To, .....  
.....  
.....

**Sub: NIT No.**

Medical Equipment for 400 Bed Hospital, Kabul MRI1.5 Tesla, 128 Slice CT Scan IGICH Hospital, Kabul Machine **for** "Supply and installation of the following

Dear Sir,

It is here by declared that HSCC is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the HSCC.

Yours faithfully



General Manager  
(P) HSCC  
(India) Ltd.



## INTEGRITY PACT

To,  
General Manager  
(Proc.) HSCC (India)  
Limited, E-6(A),  
Sector 1,  
Noida - 201301

**Sub: NIT No.** for "Supply and installation of the following Medical Equipment for 400 Bed Hospital, Kabul MRI1.5 Tesla, 128 Slice CT Scan IGICH Hospital, Kabul Machine

Dear Sir,

I/We acknowledge that HSCC is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by HSCC. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 6 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, HSCC shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid.

Yours faithfully



(Duly authorized signatory of the Bidder)

---

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of HSCC.

**INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this ..... day of ..... 20 .....

BETWEEN

HSCC (India) Limited, as [Executing Agency] represented by General Manager (Proc.), HSCC (India) Limited (hereinafter referred as the 'Principal', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

..... (Name and Address of the Individual/firm/Company) ..... through

..... (Details of duly authorized signatory)..... (Hereinafter referred to as the "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal has floated the Tender (NIT No. **NIT No.** **for** "Supply and installation of the following Medical Equipment for Medical Equipment for 400 Bed Hospital, Kabul MRI1.5 Tesla, 128 Slice CT Scan IGICH Hospital, Kabul Machine ") (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for the work "Supply and installation of the following Medical Equipment Medical Equipment for 400 Bed Hospital, Kabul MRI1.5 Tesla, 128 Slice CT Scan IGICH Hospital, Kabul Machine " hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal necessarily requires full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

AND WHEREAS In order to achieve these goals, the Principal will appoint Independent External Monitor(s) (IEM(s)) who will monitor the tender process and the execution of the Contract for compliance with the principles mentioned hereinunder

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

**Article 1: Commitment of the Principal**

The Principal is committed to follow the principle of transparency, equity and competitiveness in public Procurement.

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal, personally or through family members or through any other channel, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
  - (c) The Principal shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- (2) If the Principal obtains information on the conduct of any of its employees, Contractor(s) and/or bidder(s) which constitutes a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

**Article 2: Commitment of the Bidder(s)/Contractor(s) Obligations on Bidder/Contractor**

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Principal all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
  - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the Tender process or execution of the Contract any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
  - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign Principal or the foreign Principal directly could bid in a tender but not both. It shall be incumbent on the Indian Agent and the foreign Principal to adhere to the relevant guidelines of the Government of India, issued from time to time regarding availing of services of Indian Agents for Foreign Suppliers. The Bidder(s)/Contractor(s) shall disclose

details mentioned in the "Guidelines of Indian Agents of Foreign Suppliers. Also as mentioned in the Guidelines, all the payments made to Indian agent/representatives shall be in Indian Rupees only.

- (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- (f) Bidder(s)/Contractor(s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEM(s) and shall wait for their decision in the matter.
3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice, wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Principal's interests.
5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### **Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal under law or the Contract or its established policies and laid down procedures, the Principal/ shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract or during the validity of the Integrity Pact has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal at its sole discretion after giving proper opportunity to the Bidder(s)/Contractor(s) shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes for that reason, without prejudice to any other legal rights or remedies available to the Principal under the relevant provisions of the Tender/Contract. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal. Such exclusion may be forever or for a limited period as decided by the Principal.
2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal apart from exercising any legal rights that may have accrued to the Principal, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes a criminal offence within the meaning of IPC/PC Act, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

### **Article 4: Previous Transgression**

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1. The Bidder/Contractor declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If at any point of time during the Tender Process or after the award of Contract, it is found that the Bidder/Contractor has made an incorrect statement on this subject, he can be disqualified from the Tender process or terminate/determine the Contract, if already executed or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal may, at its own discretion, revoke the exclusion prematurely.

#### **Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal will disqualify Bidders, who do not submit, the duly signed Pact between the Principal and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### **Article 6- Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/determined by the Competent Authority of HSCC.

#### **Article 7- Independent External Monitor(s) (IEM(s))**

1. The Principal shall appoint competent and credible Independent External Monitor, nominated by the Central Vigilance Commission, for this pact in case of all works with estimated cost put to tender in excess of Rs.5 crores. The task of the Monitor is to review independently and objectively, the cases referred to it to assess whether and to what extent the parties comply with the obligations under this Integrity Pact.
2. In case of non-compliance of the provisions of the Integrity Pact, the complaint/non-compliance is to be lodged by the aggrieved party with the Nodal Officer only who shall be nominated by the MD, HSCC. The Nodal Officer shall refer the complaint/non-compliance so received by him to the aforesaid monitor.
3. The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor shall report to MD, HSCC.

4. The Bidder(s)/Contractor(s) accepts that the Monitor shall have the right to access without restriction all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The Monitor is under contractual obligation to treat the information and documents with confidentiality.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Principal and request the Principal to discontinue or take corrective action, or to take other relevant action(s). The Monitor can in this regard submit non-binding recommendations. However, beyond this, the Monitor has no right to demand from the parties that the act in a specific manner and/or refrain from action and/or tolerate action.
6. The Monitor will submit a written report to the MD, HSCC within 4 to 6 weeks from the date of reference or intimation to him/her and, should the occasion arise, submit proposals for corrective actions for the violation or the breaches of the provisions of the agreement noticed by the Monitor.
7. If the Monitor has reported to the MD, HSCC of a substantiated suspicion of an offence under relevant IPC/PC Act, and the MD, HSCC has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Chief Vigilance Officer.
8. Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
9. The role of the Monitor is advisory and would not be legally binding and is restricted to resolving issues raised by the Bidder/Contractor.
10. The word "Monitor" means Independent External Monitor and includes both singular and plural forms.

#### **Article 8- Other Provisions**

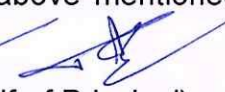
1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Registered Office of the Principal, i.e., New Delhi.
2. Changes and supplements as well as termination notices need to be made in writing.
3. If the Bidder/Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.
6. In view of the nature of the Integrity Pact, the Integrity Pact is irrevocable and shall remain valid even if the main tender/contract is terminated till the currency of the Integrity Pact.

#### **Article 9- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and

remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

**GM (P)** 

(For and on behalf of Principal)

(For and on behalf of Bidder/Contractor)

WITNESSES:

1 .....  
(signature, name and address)

2 .....  
(signature, name and address)

Place:

Dated:

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