

TENDER DOCUMENT

(Two Bid System)

FOR
**NATIONAL CANCER INSTITUTE
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
(JHAJJAR CAMPUS)**

TED Ref: HITES/PCD/NCI AIIMS/MOT-INTG/26-27



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Sl. no.	Tender ID	Short Description of goods	Qty (No.)	Total Estimated Cost (Rs.)	Bid Security (BS) (Rs.)	Tender Processing Fee incl. GST (Rs.)
1	2026_HITE_282672_1	Modular Operation Theatres with Integration and Data Management System	08	₹ 19,00,00,000	₹ 38,00,000	₹ 2950
Pre-bid conference meeting with prospective bidders					Scheduled Date & Time	
Venue for pre-bid meeting:		Chief Board Room, Ground Floor, Administrative Block, NCI-AIIMS. Jhajjar			14.07.2026 at 11:30 AM	
Last date and time of submission of tender:					30.07.2026 at 01:00 PM	
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document					31.07.2026 at 02:00 PM	
Date and time of tender opening:					31.07.2026 at 02:30 PM	
Contact Person: HEAD(PCD), HITES; Email: pcmpcd4@hllhites.com , hll.nci@hllhites.com						

2. Interested bidders are advised to download the Bidding document from the websites www.hllhites.com or <https://etenders.gov.in/eprocure/app> for complete details.
3. Bidders shall ensure that their tender(s), complete in all respects, are submitted online through CPPP website: <https://etenders.gov.in/eprocure/app> only.
4. The Bidder shall download the Bidding Document directly from the designated websites and shall not tamper/modify it including downloaded Price Bid template in any manner. In case the same is found to be tempered/modified in any manner, Tender/Bid will be summarily rejected and EMD would be forfeited.
5. Bidders are advised to follow the instructions, for registering and online submission of their bid(s), as provided in the CPPP website and are requested to read them carefully before proceeding for bidding.
6. Bidders should be in possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding, DSC need to be registered on the website mentioned above.
7. All prospective bidders (maximum two representative of a firm bearing ID proof issued by their firm) may attend the Pre-bid conference meeting. The venue, date and time indicated above.
8. The bidders shall submit the required Tender Processing Fee (in form of Demand Draft or Banker's Cheque) and EMD (as per GIT clause no. 19.3) in physical form in favour of '**HLL Infra Tech Services Limited**' at the scheduled time and venue. Tender processing Fee is required from all the bidders irrespective of their registration with NSIC or any other Govt. organisation.
9. **Tender Processing Fee and Bid Security (BS) in original** should be deposited, within the scheduled latest date & time of tender submission as mentioned above, in the Tender Box located at: **HLL Infra Tech Services Limited, Procurement and Consultancy Services Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh**, failing which the bid shall be summarily rejected.
10. Prospective bidders are advised to browse the above websites regularly before submission of their bids as any further amendments will be published in these websites only.

CEO (HITES)

SECTION - II**GENERAL INSTRUCTIONS TO BIDDERS (GIB)
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GENERAL INSTRUCTIONS TO BIDDERS (GIB)

A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. Definitions:

- i. "Purchaser" means HLL INFRA TECH SERVICES LIMITED (HITES) for and on behalf of The Director, AIIMS, New Delhi.
- ii. "Bid" means Quotation / Tender received from a Firm / Tenderer / Bidder.
- iii. "Bidder" means Tenderer/ the Individual or Firm submitting Bids / Quotation / Tender
- iv. "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract/purchase order.
- v. "Goods" means all articles, material, commodity, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, vehicles, medicines, assemblies, sub-assemblies, accessories, intangible products like software, technology transfer, licenses, patents or other intellectual properties purchased or otherwise acquired for the use of Government but excludes books, publications, periodicals, etc. for a library. The term 'goods' also includes works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
- vi. "Services" means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- vii. "Bid Security" (BS) means Earnest Money Deposit / monetary or financial guarantee to be furnished by a bidder along with its tender.
- viii. "Contract" means the written agreement entered into between the purchaser and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- ix. "Performance Security" means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- x. "Consignee" means the Center/Hospital/Department/Sections /person to whom the goods are required to be delivered as specified in the Contract.
- xi. "Specification" also called Technical Specifications means the document/standard that prescribes the requirement with which goods or service has to conform.
- xii. "Inspection" means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement mentioned in the contract to determine conformity.
- xiii. "Day" means calendar day.

1.3 Abbreviations:

- (i) "NIT" means Notice Inviting Tenders.
- (ii) "GIB" means General Instructions to Bidders
- (iii) "SIT" means Special Instructions to Bidders
- (iv) "GCC" means General Conditions of Contract
- (v) "SCC" means Special Conditions of Contract

- (vi) "LC" means Letter of Credit
- (vii) "DP" means Delivery Period
- (viii) "BG" means Bank Guarantee
- (ix) "GST" means Goods & Service Tax
- (x) "CD" means Custom Duty
- (xi) "BL" means Bill of Lading
- (xii) "FOB" means Free on Board
- (xiii) "CIF" means Cost, Insurance and Freight
- (xiv) "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.
- (xv) "INCOTERMS" means International Commercial Terms as on the date of Bid Opening
- (xvi) "CAMC" means Comprehensive Annual Maintenance Contract (labour, spare and preventive maintenance)

2. Introduction

- 2.1 The Purchaser has issued these Bidding Documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 This section (Section II - "General Instructions to Bidders") provides the relevant information as well as instructions to assist the prospective bidders in preparation and submission of bids. It also includes the mode and procedure to be adopted by the bidder for receipt and opening as well as scrutiny and evaluation of bids and subsequent placement of contract.
- 2.3 The bidder shall also read the Special Instructions to Bidders (SIB) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIB and the SIB, the provisions contained in the SIB shall prevail over those in the GIB.
- 2.4 Before formulating the bid and submitting the same to the purchaser, the bidder should read and examine all the terms, conditions, instructions, checklist etc. contained in the Bidding Document. Failure to provide and/or comply with the required information, instructions etc. incorporated in these Bidding Documents may result in rejection of its Bid.

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 Bid

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

5. Eligible Bidders

- 5.1 This Invitation for Tenders is open to all bidder who fulfill 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. Bid Expense

- 7.1 The bidder shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its bid including preparation, mailing and submission of its bid 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 bidding process.

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

- 8.1 In addition to Section I – “Notice Inviting Bid” (NIB), the Bidding Documents include:

Section II	– General Instructions to Bidders (GIB)
Section III	– Special Instructions to Bidders (SIB)
Section IV	– General Conditions of Contract (GCC)
Section V	– Special Conditions of Contract (SCC)
Section VI	– List of Requirements
Section VII	– Technical Specifications& General Points
Section VIII	–Qualification Criteria
Section IX	– Bid Form
Section X	– Price Schedules
Section XI	– Bank Guarantee Form for Bid Security
Section XII	– Manufacturer’s Authorization Form
Section XIII	– Bank Guarantee Form for Performance Security/CAMC Security
Section XIV	– Contract Forms A & B
Section XV	– Proforma of Consignee Receipt Certificate
Section XVI	– Proforma of Consignee Acceptance Certificate by the consignee
Appendix A	– Integrity Pact

- 8.2 The relevant details of the required goods and services, the terms, conditions and procedure for bidding, bid 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 bidders are expected to examine all such details etc. to proceed further.

9. Amendments to a Bidding documents

- 9.1 At any time prior to the deadline for submission of bids, the purchaser may, for any reason deemed fit by it, modify the Bidding Documents by issuing suitable amendment(s) to it.

- 9.2 Such an amendment will be notified through CPPP (<https://etenders.gov.in/eprocure/app>) and/or www.hllhites.com and will be binding on them.
- 9.3 In order to provide reasonable time to the prospective bidders to take necessary action in preparing their bids as per the amendment, the purchaser may, at its discretion extend the deadline appropriately for the submission of bids and other allied time frames, which are linked with that deadline.

10. Clarification of Bid document

- 10.1 A bidder requiring any clarification or elucidation on any issue of the Bidding Documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than ten days (unless otherwise specified in the SIB) prior to the prescribed date of submission of Bids.

C. PREPARATION OF BIDS

11. Documents comprising the e-Bid

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

A) Techno-commercial Bid (Un-priced Bid)

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

- i) Bid Security furnished in accordance with GIB clause 19.1 alternatively, documentary evidence as per GIB clause 19.2 for claiming exemption from payment of Bid Security.
- ii) Bid Form as per Section IX
- iii) Documentary evidence, as necessary in terms of clauses 5 and 17 of GIB establishing that the bidder is eligible to submit the bid and, also, qualified to perform the contract if its bid is accepted.
- iv) Bidder who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form. While giving authorization to agent, to quote on their behalf, manufacturer has to give the reasons for not quoting directly against this bid in the Manufacturer's Authorisation Form.
- v) Power of Attorney in favor of the signatory who is digitally signing the bidding documents and signatory of Manufacturer's Authorization Form.
- vi) Documents and relevant details to establish in accordance with GIB clause 18 that the goods and the allied services to be supplied by the bidder conform to the requirement of the bidding documents.
- vii) Performance Statement as per section VIII along with relevant copies of orders and end users' satisfaction certificate.
- viii) Price Schedule(s) as per Section X filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
- ix) Documents confirming to Sole Proprietorship/Partnership/Private Limited Firm in the country of origin as the case may be.
- x) Self-attested copies of annual report, audited balance sheet and profit & loss account for preceding three years from the date of tender opening.
- xi) Self-attested copies of GST registration certificate and PAN Card.
- xii) Self-attested copies of annual report, audited balance sheet and profit & loss account as per tender requirement.

- xiii) Non-conviction/no pending conviction certification issued by Notary on non-judicial stamp paper for preceding three years.
- xiv) 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.
- xv) A self-declaration on Rs. 100/-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) in last 5 years.
- xvi) Technical and Commercial Compliance statement in excel format provided in the e-tender portal.
- xvii) Product catalogues/original Data Sheets for all quoted items.
- xviii) Copies of quality certificates, if applicable, namely, BIS, ISO, FDA, CE, etc.
- xix) The Integrity pact (At Appendix-A) on non-judicial stamp paper 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.
- xx) The bidder/Manufacturer should submit details of registered office/ registered service centre along with the contact details across India in the following regions i.e. East, West, North & South.

B) Price Tender:

Price Schedule(s) as per format provided in the portal, duly filled in with all the details including Make, Model, HSN Code etc. of the goods offered, is to be uploaded.

The price bid format is provided in excel format along with this Bidding Document at <https://etenders.gov.in/eprocure/app> under given Tender ID.

Bidders are advised to download this Price Bid Format as it is and quote their offer/rates in the permitted column and upload the same in the Price Bid. **Bidder shall not tamper/modify the downloaded price bid template in any manner.** The Instruction given in the Price Bid Format shall strictly be adhered to.

Note:

The tender Processing fee, BID SECURITY and **Integrity Pact (Appendix A) on non-judicial stamp paper** has to be submitted in physical form as per Section – I, Notice Inviting Tender of this tender enquiry.

11.2 The authorized signatory of the bidder must sign the bid duly stamped at appropriate places and initial all the remaining pages of the bid. Individuals signing the bid or other documents connected with a contract must specify whether he signs as:

- i. A 'Sole Proprietor' of the firm or constituted attorney of such Sole Proprietor.
- ii. In case of partnership firm he must have authority to quote & to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney;
- iii. Constituted attorney of the firm if it is a company.

Note:

1. In case of (ii) above, a copy of the partnership agreement duly registered with "Registrar of Firm's" or general power of attorney, in either, case, attested by a Notary Public should be furnished, or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.
2. In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the bid and all other related documents must be signed by every partner of the firm.
3. A person signing the bid form or any documents forming part of the contract on behalf of another shall be deemed to warrantee 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, liable for rejection of bid or cancel of contract and hold the signatory liable for all cost and damages.

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

12. Bid Currencies

12.1 The bidder 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 Bids, where prices are quoted in any other way shall be treated as non-responsive and rejected.

13 Bid Prices

13.1 The Bidder shall indicate on the Price Schedule provided under Section X all the specified components of prices shown therein including the unit prices, applicable taxes and total bid 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 bidder has the option to submit its bid for any one or more schedules and, also, to offer special discount for combined schedules. However, while quoting for a schedule, the bidder 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 X.
- 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 packing charges and GST and Custom Duty 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 duty, which will be payable on the goods in India if the contract is awarded;
 - c) Charges towards Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house 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 (including installation & commissioning, supervision, demonstration and training), at the consignee site as mentioned in List of Requirements, Technical Specification and Price Schedule;
 - e) The prices of Turnkey Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
 - f) The price of CAMC, 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 on FOB at port/ FCA at airport of shipment, as mentioned in List of Requirements, Technical Specification and Price Schedule
 - b) The amount of Freight and Insurance (port of loading to port of entry) and other incidental costs.
 - c) The price of Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee’s site as mentioned in List of Requirements, Technical Specification and Price Schedule.
 - d) The price of Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 3 months beyond date of delivery.
 - e) The Unit Price on CIP Name port of Destination + Extended Insurance (local transportation and storage)
 - f) The price of total Price on CIP Named port of Destination +Insurance (local transportation on and storage)
 - g) The prices of Turnkey Work (if any), as mentioned in List of Requirements,

-
- Technical Specification and Price Schedule; and
h) The price of CAMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Taxes and Duties:

13.5.1 GST (Goods & Services Tax)

If the bidder desires to ask for GST (goods and services tax) to be paid extra, the same must be specifically stated. In the absence of any such stipulation, the price will be taken inclusive of GST and no claim for the same will be entertained later.

13.5.2 Customs Duty

The Purchaser will pay the Customs duty wherever applicable.

- 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 Bidding Document, the terms FCA, FOB, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS - 2010, published by the International Chamber of Commerce, Paris
- 13.9 The need for indication of all such price components by the bidders, as required in this clause (viz., GIB clause 13) is for the purpose of comparison of the bids by the purchaser and will no way restrict the purchaser's right to award the contract on the selected bidder on any of the terms offered.

14. Indian Agent

- 14.1 If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, in a manner described under GIB sub clause 12.2 above, shall also furnish the following information:
- a) The complete name and address of the Indian Agent.
 - b) The details of the services to be rendered by the agent for the subject requirement.
 - c) Details of Service outlets in India, nearest to the consignee(s), to render services during Warranty and CAMC period.

15. Firm Price

- 15.1 Unless otherwise specified in the SIB, prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
- 15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIB clause 13 will apply.

16. Alternative Models

- 16.1 Alternative Models are permitted. The Bidder can quote alternate models meeting

the specifications of the bidding document of same manufacturer with single Bid Security.

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

16.3 One Principal/OEM cannot authorize two agents simultaneously for the same item against same ATE.

17 Documents Establishing Bidder's Eligibility and Qualifications

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

17.2 The documentary evidence needed to establish the bidder's qualifications shall fulfill the following requirements:

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

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

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

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

19. Bid Security (BS)

19.1 Pursuant to GIB clauses 8.1 and 11.1 A (i) the bidder shall furnish along with its bid, Bid Security for amount as shown in the Notice Inviting Bids (NIB). The Bid Security is required to protect the purchaser against the risk of the bidder's unwarranted conduct as amplified under sub-clause 19.7 below.

- 19.2 The bidders who are currently registered with MSME for the specific goods as per bidding document specification shall be eligible for exemption from Bid Security as defined in MSE Procurement Policy issued by the department of MSME. In case the bidder falls in this category, the bidder shall enclose relevant certificate of registration issued by department of MSME.

Note: 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 Bid Security shall be denominated in Indian Rupees or equivalent currencies as per GIB clause 12.2. The Bid Security shall be furnished in one of the following forms:

- i) Account Payee Demand Draft/ Banker's cheque
- ii) Fixed Deposit Receipt
- iii) Bank Guarantee
- iv) Insurance Security Bond

- 19.4 The **Demand Draft** or **Banker's Cheque** or **Fixed Deposit Receipt** shall be drawn on any commercial bank in India or country of the bidder, in favour of the "....."(as indicated in the NIB) payable at New Delhi. In case of **Bank Guarantee**, the same is to be provided from any commercial bank in India or country of the bidder as per the format specified under Section XII in this document.

- 19.5 The Bid Security shall be valid for a period of forty-five (45) days beyond the validity period of the bid. As validity period of Bid as per Clause 20 of GIB is 270 days, the Bid Security shall be valid for 315 days from Techno-Commercial Bid opening date.

- 19.6 The Bid Security of unsuccessful bidders will be returned without any interest, after expiry of the bid validity period, but not later than thirty days after conclusion of the resultant contract. The Bid Security of successful bidder will be returned without any interest, after receipt of performance security from that bidder.

- 19.7 Bid Security is required to protect the purchaser's right against the risk of the Bidder's conduct, which would warrant the forfeiture of the Bid Security. Bid Security of a bidder will be forfeited, if the bidder withdraws or amends its bids or impairs or derogates from the bid in any respect within the period of validity of its bid or if it comes to the notice that the information/documents furnished in its bid is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The Bid Security of the successful bidder 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 nationalized bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.

20. Bid Validity

- 20.1 If not mentioned otherwise in the SIB, the bid shall remain valid for acceptance for a period of 270 days (Two hundred and Seventy days) after the date of bid opening prescribed in the Bidding Document. Any bid valid for a shorter period shall be treated as unresponsive and rejected.

- 20.2 In exceptional cases, the bidder may be requested by the purchaser to extend the validity of their bids up to a specified period. Such request(s) and responses thereto shall be conveyed by mail/fax/email. The bidders, who agree to extend the bid validity, are to extend the same without any change or modification of their original bid and they are also to extend the validity period of the Bid Security accordingly. A bidder, who may not agree to extend its bid validity after the expiry of the original validity period, their bid will not be considered further and the Bid Security furnished by them shall be returned.
- 20.3 In case the day up to which the bids are to remain valid falls on/subsequently declared a holiday or closed day for the purchaser, the bid validity shall automatically be extended up to the next working day.
- 21. Signing and Sealing of Bid**
- 21.1 The bidders shall submit their bids online as per the instructions contained in GIB Clause 11 and any other specific instruction mentioned in the CPPP portal using the digital signature.
- 21.2 Unless otherwise mentioned in the SIB, a bidder shall submit their bid online only.
- 21.3 The Bid shall either be typed or written in indelible ink and the same shall be signed by the bidder or by a person(s) who has been duly authorized. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the bid.
- 21.4 All the documents of the bid shall be duly signed at the appropriate places as indicated in the Bidding Documents and all other pages of the bid including printed literature (if any), shall be initialed and stamped by the same person(s) signing the bid. The bid shall not contain any eraser or overwriting, except as necessary to correct any error made by the bidder and, if there is any such correction; the same shall be initialed and stamped by the person(s) signing the bid.
- 21.5 The bidder is to seal the bid and writing the address of the purchaser and the bid reference number on the envelopes. The sentence “NOT TO BE OPENED” before _____(The bidder is to put the date & time of bid opening) are to be written on this envelope. If the envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.
- 21.6 Bidding Document seeks quotation following “Two Bid System”, in two parts. First part will be known as ‘Techno-Commercial Bid’, and the second part ‘Price Bid’ as specified in clause 11 of GIB.

D. SUBMISSION OF BIDS

22. Submission of Bids:

- 22.1 Unless otherwise specified, the bidders are to drop the Bids in the tender box located at **HLL Infra Tech Services Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh** or the same shall be submitted by the bidder by hand to concerned Project Officer dealing hand or his nominee. The necessary entry will be made in the Bid Receipt Register.
- 22.2 The bidders must ensure that they submit the on-line bids within the scheduled closing date & time. They shall also ensure to submit the original Tender

Processing Fee and Bid Security within its scheduled date & time. It is the responsibility of the bidder to ensure that their Bids whether sent by post or by courier or by person, are dropped in the Tender Box by the specified clearing date and time. In the event of the specified date for submission of bid falls on / is Subsequently declared a holiday or closed day for the purchaser, the bids will be received up to the appointed time on the next working day.

- 22.3 Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 22.4 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Bidding document.
- 22.5 Bidder has to select the payment option as “offline” to pay the Bid Security/ EMD as applicable and enter details of the instrument.
- 22.6 Bidder should prepare the Bid Security/EMD as per the instructions specified in the Tender Enquiry Document. The original should be dropped in the Tender Box latest by the last date of bid submission or as specified in the Bidding Document. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 22.8 The server time (which is displayed on the dashboard of the e-tendering portal) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 22.9 Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 22.10 The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

23. Late Bid:

- 23.1 A bid, which is received after the specified date and time for receipt of bids will be treated as “late bid” and will be ignored.

24. Alteration and Withdrawal of Bid

- 24.1 The bidder, after submitting its bid, is permitted to alter/modify its bid, within the deadline for submission of bids. Alterations/modifications to bids received after the prescribed deadline will not be considered.
- 24.2 No bid should be withdrawn after the deadline for submission of bid and before expiry of the bid validity period. If a bidder withdraws the bid during this period, it will result in forfeiture of the Bid Security furnished by the bidder in its bid.

E. BID OPENING

25. Opening of Bids:

- 25.1 The purchaser will open the bids at the specified date and time and at the specified place as indicated in the NIB.
In case the specified date of bid opening falls on / is subsequently declared a holiday or closed day for the purchaser, the bids will be opened at the appointed time and place on the next working day.
- 25.2 Authorized representatives of the bidder, who have submitted bids on time may attend the bid opening provided they bring with them letter of authority from their bidder. The bid opening official(s) will prepare a list of the representatives attending the bid opening. The list will contain the representatives' names & signatures and corresponding bidder's names and addresses.
- 25.3 Two Bid System as mentioned in Para 21.6 above will be as follows. The "Techno - Commercial Bids" are to be opened in the first instance, at the prescribed time and date as indicated in NIB. These Bids shall be scrutinized and evaluated by the competent committee/authority with reference to parameters prescribed in the Bidding Document. During the Techno-Commercial Bid opening, the bid opening official(s) will read the salient features of the bids like brief description of the goods offered, Bid Security and any other special features of the bids, as deemed fit by the bid opening official(s). Thereafter, in the second stage, the Price Bids 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 Bid. The prices, special discount if any of the goods offered etc., as deemed fit by bid opening official(s) will be read out.

F. SCRUTINY AND EVALUATION OF BIDS

26. Basic Principle

- 26.1 Bids will be evaluated on the basis of the terms & conditions already incorporated in the Bidding Document, based on which bids have been received and the terms, conditions etc. mentioned by the bidders in their bids. No new condition will be brought in while scrutinizing and evaluating the bids.

27. Scrutiny of Bids

- 27.1 The Purchaser will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required Bid Securities have been furnished, whether the documents have been properly signed stamped and whether the Bids are generally in order.
- 27.2 The Purchaser's determination of a Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.
- 27.3 The Bids will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the Bidding Documents. The bids, which do not meet the basic requirements, are liable to be treated as non-responsive and will be rejected.
- 27.4 The following are some of the important aspects, for which a bid shall be declared non-responsive during the evaluation and may be ignored;

-
- (i) Bid form as per Section IX not enclosed.
 - (ii) Bid is unsigned.
 - (iii) Bid validity is shorter than the required period.
 - (iv) Required Bid Security (Amount, validity etc.)/ Exemption documents have not been provided.
 - (v) Bidder has quoted for goods manufactured by other manufacturer(s) without the desired Manufacturer's Authorization Form as per Section XIII.
 - (vi) Bidder has not agreed to give the required 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.
 - (vii) Bidder has not agreed to other essential condition(s) specially incorporated in the bidding document like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism, and applicable law.
 - (viii) Poor/unsatisfactory past performance.
 - (ix) Bidders who stand de-registered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.
 - (x) Bidder is not eligible as per Clauses 5, 6 & 17 of GIB.
 - (xi) Bidder has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
 - (xii) Bidder has not agreed for the delivery terms and delivery schedule.
 - (xiii) The Integrity pact (At Appendix-A) on non-judicial stamp paper should be submitted along with the Techno-Commercial Bids. All bidders are bound to comply with the integrity pact clauses.

28. Minor Informality/Irregularity/Non-Conformity

- 28.1 If during the evaluation, the purchaser find any minor informality and/or irregularity and/or non-conformity in a bid, the purchaser will convey its observation on such 'minor' issues, which has not price implication, to the bidders by registered/speed post/ e-mail/fax etc. asking the bidder to respond by a specified date. If the bidder does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that bid will be liable to be ignored.

29 Discrepancies in Prices

- 29.1 If, in the price structure quoted by a bidder, 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 bidder 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 judgment of the purchaser, there is any such arithmetical discrepancy in a bid, the same will be suitably conveyed to the bidder by registered/speed post/email. If the bidder does not agree to the observation of the purchaser, the bid is liable to be ignored.

30. Qualification Criteria

- 30.1 Bids of the bidder, who do not meet the required Qualification Criteria prescribed in Section VIII, will be treated as non-responsive and will not be considered further.

31. Conversion of Bid currencies to Indian Rupees

- 31.1 In case the Bidding Documents permits the bidder to quote their prices in different currencies, all such quoted prices of the responsive bidder 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 Bid' opening.

32. Schedule-wise Evaluation

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

33. Comparison of Bids

- 33.1. Unless mentioned otherwise in Section – III – Special Instructions to bidder and Section – VI – List of Requirements, the comparison of the responsive Bids shall be carried out on Free Delivery at consignee site basis. The quoted Turnkey Work prices and CAMC prices will also be added for comparison/ranking purpose for evaluation. "Net Present Value (NPV) of the Comprehensive Annual Maintenance Contract Charges (CAMC) quoted for 5 years after the warranty period shall be added to the bid price for evaluation and will be calculated after discounting the quoted price by a discounting factor of 10% per annum." However the payment of CAMC shall be made to the successful bidder at approved rates.

34. Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders

- 34.1 Further to GIB Clause 33 above, the purchaser's evaluation of a bid 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 which will be contractually payable (to the bidder), on the goods if a contract is awarded on the bidder; and
 - ii) in the case of goods of foreign origin offered from abroad, customs duty and GST which will be contractually payable (to the bidder) on the goods if the contract is awarded on the bidder.
- 34.2 The purchaser's evaluation of bid will also take into account the additional factors, if any, incorporated in SIB in the manner and to the extent indicated therein.
- 34.3 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 Bids.

35. Bidder's capability to perform the contract

- 35.1 The purchaser, through the above process of bid scrutiny and bid evaluation will determine to its satisfaction whether the bidder, whose bid has been determined as the lowest evaluated responsive bid 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 bidder satisfying all the requirements of the purchaser as incorporated in the Bidding Document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the bidder in its bid 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 bid to the time of awarding the contract, if a bidder needs to contact the purchaser for any reason relating to NIB/Bidding Document and / or its bid, it should do so only in writing.
- 36.2 In case a bidder attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of bids and awarding the contract, the bid of the bidder shall be liable for rejection in addition to appropriate administrative actions being taken against that bidder, as deemed fit by the purchaser.

G. AWARD OF CONTRACT**37. Purchaser's Right to accept any bid and to reject any or all bids.**

- 37.1 The purchaser reserves the right to accept in part or in full any bid or reject any or more bid(s) without assigning any reason or to cancel the bidding process and reject all bids at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder(s).

38. Award Criteria

- 38.1 Subject to GIB clause 37 above, the contract will be awarded to the lowest evaluated responsive bidder decided by the purchaser in terms of GIB Clause 35.

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 bidder.
- 39.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase by up to twenty five (25) per cent, the quantity of goods and services mentioned in the contract (rounded 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 bid validity period, the purchaser will notify the successful bidder(s) in writing, by registered / speed post or by fax/email (to be confirmed by registered / speed post) that its bid 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 bidder must furnish to the purchaser the required Performance Security within thirty days from the date of dispatch of this notification, failing which the Bid Security will be forfeited and the award will be cancelled. Relevant details about the Performance Security have been provided in clause 5 of GCC under Section 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 will mail the contract form (as per Section XV) duly completed and signed, in duplicate, to the successful bidder by registered / speed post.

41.2 Within twenty one days from the date of the contract, the successful bidder shall return the original copy of the contract, duly signed and dated, to the Purchaser/ by registered / speed post/courier.

41.3 The Purchaser reserves the right to issue the Notification of Award consignee wise.

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

42.1 Failure of the successful bidder in providing Performance Security and/or returning contract copy duly signed in terms of GIB clauses 40 and 41 above shall make the bidder liable for forfeiture of its Bid Security and, also, for further actions by the Purchaser it as per the clause 24-Termination of default of GCC under Section IV.

43. Return of Bid Security

43.1 The Bid Security of the successful bidder and the unsuccessful bidder will be returned to them without any interest, whatsoever, in terms of Clause 19 of GIB.

44. Publication of Bid Result

44.1 The name and address of the successful bidder (s) receiving the contract(s) will be mentioned in the Website of AIIMS, CPPP and HITES.

H. CORRUPT OR FRADULENT PRACTICES

45. Corrupt or Fraudulent Practices

45.1 It is required by all concerned namely the Bidder /Suppliers/Purchaser/Consignee/End User 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 bidders (prior to or after Bid submission) designed to establish Bid 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 Bidder 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 BIDDERS
(SIB)**

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

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

Sl. No.	GIB Clause No.	Topic	SIB Provision	Ref. Page No.
A	1 to 7	Preamble	No Change	
B	8 to 10	Bidding Document	No Change	
C	11 to 21	Preparation of Bids	Change in GIB Clause no. 19, 21.1	
	19		Additional para 19.9 as Under	15
D	22 to 24	Submission of Bids	No Change	
E	25	Bid Opening	No Change	
F	26 to 36	Scrutiny and Evaluation of Bids	Change in GIB Clause no. 33	
	33	Comparison of Bids	Additional para 33.2 as Under	21
G	37 to 44	Award of Contract	No Change	
H	45	Corrupt or Fraudulent Practices	No Change	

19. Bid Security (BS)

19.9 HITES Bank details for necessary issuance of 'Structured Financial Messaging System (SFMS)' in case the Bid Security (i.e. EMD) is submitted in the form of Bank Guarantee:

Name of the Beneficiary	Bank Details	Account number	IFSC Code
HLL INFRA TECH SERVICES LTD.	ICICI BANK, SECTOR 62 BRANCH, NOIDA	158005003923	ICIC0001580

33. Comparison of Bids

33.2 Unit Prices for all optional items/accessories/services (if any) asked in the tender specifications must be quoted separately by all the bidders in their price bid. Such unit prices after multiplying by the required quantity shall be added and taken into consideration for comparison and ranking of bids.

Added Para (Ref. GIB Clause 33 & 34):

The comparison of bids will be based on GIB Clause 33, 34 and if any, as specified in the Technical specification(s). However, at the time of award of contract, the value of award (bid value/contract value) shall be limited to the upfront charges payable by the exchequer for Supply, Installation, Testing & Commissioning value only on DDP basis which is inclusive of warranty (for number of years specified at section VI; List of Requirement, Part I) and any other item(s)/services detailed for upfront purchase in the technical specifications. The cost of any other parameters like CAMC price beyond the warranty period, cost of any Consumables, any other recurring expenditure, etc. which have been considered for ranking of bids or for freezing of rates shall not be part of tender/award/bid/contract value.

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 Bidding 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 Thirty (30) days from date of the issue of notification of award by the Purchaser, the supplier, shall furnish Performance Security to the Purchaser/buyer for an amount equal to ten percent (10%) of the total value of the contract, valid up to ninety (90) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

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

It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled bank in India or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in Section XIV of this document in favour of the Purchaser/buyer. The validity of the Fixed Deposit Receipt or Bank Guarantee will be for a period up to ninety (90) 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 CAMC security as per Performa in Section XIV, the amount of the performance security is liable to be forfeited. The needful will be done 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 Comprehensive Annual Maintenance Contract as per the 'Contract Form - B' in Section XV with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CAMC will commence from the date of expiry of the Warranty Period.
- 5.6 Subject to GCC sub – clause 5.3 above, the Purchaser will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations & after receipt of Consignee wise bank guarantee for CAMC security in favour of concerned Director AIIMS/Chief of Centres/MS of Hospital/Head of the Department/Dean as per the format in Section XIV.

6. Technical Specifications and Standards

- 6.1 The Goods & Services to be provided by the supplier under this contract shall conform 'Technical Specification' under Sections VII 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 under Section VII 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 under Section VII 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, 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 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 re-submit the same to the purchaser's inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-dispatch 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 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-dispatch 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 supplier's 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 recognized/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV etc. prior to dispatch 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 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.

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 Delivery 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 warehouse to warehouse (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.

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 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 warehouse 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/End User, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actual 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/End User 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/End User before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the Purchaser/End User, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/End User.

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 CAMC 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:

- i) Installation & Commissioning, Supervision, Demonstration, Trial run etc. of the goods.
- ii) Turnkey work (if any).
- iii) Training of Consignee's/End Users Doctors, Staff, operators etc. for operating and maintaining the goods.
- iv) 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 dispatch documents well in time to enable the purchaser clear or receive (as the case may be) the goods in terms of the contract. Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows:

Within 24 hours of dispatch, the supplier shall notify the concerned Store Officer in AIIMS Clearing Agent and others concerned the complete details of dispatch and also supply following documents by air mail/ courier etc. with intimation by e-mail:

- a) Commercial Supplier's Invoice giving full details of the goods including quantity, value, etc.;
- b) Packing list;
- c) Certificate of country of origin;
- d) Bill of Lading/Airway Bill;
- e) Insurance Certificate; (if applicable)
- f) Manufacturer's guarantee and Inspection certificate; (if applicable)
- g) Inspection certificate issued by the Purchaser's Inspector; (if applicable)
- h) Any other document(s) as and if required in terms of the contract.

15. Warranty and CAMC

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 include all spares, labour and preventive maintenance from the date of completion of the satisfactory installation and acceptance till warranty period.

15.3 The Comprehensive Annual Maintenance Contract shall include all spares, labour and preventive maintenance from the date of completion of the satisfactory installation and acceptance till warranty period.

15.4 Warranty as well as Comprehensive Annual Maintenance Contract will be inclusive of all accessories and turnkey work and it will also cover the following, wherever applicable:-

- All kinds of Motors.
- Plastic & Glass Parts against any manufacturing defects.
- All kinds of sensors.
- All kinds of coils, probes and transducers.
- Printers and imagers including laser and thermal printers with all parts.
- UPS including the replacement of batteries.
- Air-conditioners

15.5 In case of any claim arising out of this warranty and CAMC period 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 unless revised in SCC in Section V of Bidding Document.

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- 15.6 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 conditions laid down in the Bidding Document.
- 15.7 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 upto the completion of the original warranty period of the main equipment.
- 15.8 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.
- 15.9 During Warranty and CAMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods.
- 15.10 The Purchaser/Consignee reserve the rights to enter into Comprehensive Annual Maintenance Contract between the Purchaser and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.11 The supplier along with its Manufacturer, Indian Agent and the CAMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.12 The Supplier along with its Manufacturer 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 bid. Such notification, in its original bid 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 the supplier shall convey its views to the Purchaser within twenty-one days from the date of the supplier's receipt of the Purchaser's amendment/modification of the contract.

19. Prices

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

20. Taxes and Duties

20.1 Supplier shall be entirely responsible for GST 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 through electronic transfer in NEFT/RTGS subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner:

A) Payment for Indigenous Goods (M&E) 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:** 75% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:
 - (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount, **HSN/SAC code, Taxable value, Rate and amount of Taxes i.e., CGST/SGST/IGST, QR code; Invoice should indicate Bill to Consignee through M/s HLL Infra Tech Services Limited and Ship to as: Place of**

Supply. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only;

- (ii) Consignee Receipt Certificate as per Section XV of bidding document in original issued by the authorized representative of the consignee;
- (iii) Two copies of packing list identifying contents of each package
- (iv) Inspection certificate issued by the nominated Inspection agency, if any
- (v) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- (vi) Certificate of origin
- (vii) Proof of GST Payment for purpose of reimbursement of tax charged on Invoice.

- b) **On Acceptance:** Balance 25% payment would be made against “Consignee Acceptance Certificate” of goods to be issued by the End User subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. “Consignee Acceptance Certificate” need to be issued by the concerned End User after installation, commissioning, testing and successful trial run (if applicable). **No Claim Certificate should also be submitted along with balance payment as per the attached Format-I.**

NOTE: Invoice should indicate bill to consignee and ship to as: Place to supply. Supplier shall ensure that the invoice is raised in the name of consignee with GSTIN of consignee only. Subsequent to delivery and acceptance of the goods the bills and documents mentioned above shall be forwarded to M/s HITES, Noida for release of payment.

- B) Payment for Imported Goods(M&E):** Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:

- a) **On Shipment:** 75% of the net FCA/CIP price (i.e. FCA/CIP price less Indian Agency commission) of the goods dispatch by Sea/Air 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) Commercial Supplier’s Invoice giving full details of the goods including quantity, value, etc.;
 - ii) Packing list;
 - iii) Certificate of country of origin;
 - iv) Negotiable clean Bill of Lading/Airway Bill;
 - v) Insurance Certificate; (if applicable)
 - vi) Manufacturer’s guarantee and Inspection certificate; (if applicable)
 - vii) Inspection certificate issued by the Purchaser’s Inspector; (if applicable)
 - viii) Any other document(s) as and if required in terms of the contract.
- b) **On Acceptance:** Balance payment of 25% of net FCA/CIP price of goods would be made against “Consignee Acceptance Certificate” to be issued by the End User 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. “Consignee Acceptance Certificate” need to be issued by the concerned End User after installation, commissioning, testing and successful trail run (if applicable).
- c) Payment of Consumable Imported Goods/Reagents/Kits would be made 100% against “Installation and Acceptance Certificate” to be issued by the End User through Wire Transfer.
- d) **Payment of Incidental Costs:** Incidental costs till consignee site towards Incidental Services (including Installation & Commissioning, Supervision,

Demonstration and Training), if applicable will be paid in Indian Rupees to the Indian Agent on submission of "Installation and Acceptance Certificate" by the End User.

- e) **Payment of Indian Agency Commission:** Indian Agency Commission (IAC) will be paid to the Authorized manufacturer's agent in Indian rupees indicated in the contract (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation/exchange variation. The agency commission payment shall be made on submission of "Installation and Acceptance Certificate" by the End User.

- C) **Payment of Civil/Electrical Works at site:** The payment related to Civil/Electrical Works at site will be made as indicated in the contract (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation/exchange variation. The payment for Civil/Electrical works shall be made on submission of "Installation and Acceptance Certificate" by the End User.

- D) **Payment for Comprehensive Annual Maintenance Contract Charges:** The consignee will enter into CAMC with the supplier at the rates as stipulated in the contract. The payment of CAMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the End User 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 of the bidding document valid till 3 months after expiry of entire CAMC period. The Performance Bank Guarantee for CAMC will be applicable in case of contract value is more than Rs. 10 lakh.

21.2 Terms of payment for imported goods

- 21.2.1 The supplier shall not claim any interest on payments under the contract.
- 21.2.2 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.
- 21.2.3 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, the charges thereof shall be borne by the supplier.
- 21.2.4 The payment shall be made in the currency/currencies authorised in the contract.
- 21.2.5 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date.
- 21.2.6 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.
- 21.2.7 While claiming reimbursement of duties, taxes etc. (like GST, sales tax, excise duty, custom duty) from the Purchaser, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, the supplier shall refund to the Purchaser forthwith.

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 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 in writing about the same and its likely duration and make a request to the Purchaser for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.
- 22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, inter alia contain the following conditions:
- (a) The Purchaser shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, Liquidated Damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
 - (b) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of GST levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
 - (c) But nevertheless, the Purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and GST which takes place after the expiry of the date of delivery stipulated in the contract.
- 22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser for extension of delivery period and obtain the same before dispatch. 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 Passing of Property

- 22.6.1 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 contract.
- 22.6.2 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.
- 22.6.3 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, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, 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 may consider termination of the contract as per GCC 24.

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

24. Termination for Default

- 24.1 The Purchaser without prejudice to any other contractual rights and remedies available to it the Purchaser, may, by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Purchaser pursuant to GCC sub-clauses 22.3 and 22.4.
- 24.2 The Performance Security in such cases will be forfeited.
- 24.3 Unless otherwise instructed by the Purchaser, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for Insolvency

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

26. Force Majeure

- 26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.
- 26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not

foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management and freight embargoes.

- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within twenty-one days of occurrence of such event. Unless otherwise directed by the Purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser is unable to fulfil its contractual commitment and responsibility, the Purchaser will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for Convenience

- 27.1 The Purchaser reserves the right to terminate the contract, in whole or in part for its Purchaser's convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser. The notice shall also indicate 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 following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser may decide:
- a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
 - b) To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. Governing Language

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

29. Notices

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

incorporated in the contract.

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

30. Resolution of Disputes

- 30.1 If dispute or difference of any kind shall arise between the Purchaser/Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- 30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India.
- 30.3 In the case of a dispute or difference arising between the Purchaser and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration to be appointed by the Director, AIIMS. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakh (Rs. 1,00,000/-).
- 30.4 **Venue of Arbitration:** The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.
- 30.5 **Jurisdiction of the court** will be from the place where the Bidding Document has been issued, i.e., New Delhi, India.

31. Applicable Law

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

32 Withholding and Lien in respect of sums claimed

- 32.1 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.
- 32.2 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 of 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.

33. Fall Clause

Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization during the currency of

the Contract, the Contract price will be automatically reduced with effect from that date for all the subsequent supplies under the Contract and the contract amended accordingly

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.

Added Para:

1. Performance Security

- 1.1 Following are the details for submission of necessary SFMS from BG issuing Bank in case the Performance Security is submitted in form of Bank Guarantee (BG):

Name of Beneficiary: **The Director –AIIMS, New Delhi**
Bank Name & address: **State Bank of India, Ansari Nagar, New Delhi**
IFSC Code: **SBIN0001536**

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.

Any specific clause, mentioned in the technical specification shall prevail and will supersede the similar clause mentioned anywhere in the Bidding Document.

The applicable period of warranty & CAMC shall be as mentioned in the List of Requirement as per section VI of this Bidding Document.

SECTION- VI**LIST OF REQUIREMENTS****Part I:**

Sl. No.	Tender ID	Short Description of goods	Quantity (Nos.)	Warranty Period	CAMC period after warranty
1	2026_HITE_282672_1	Modular Operation Theatres with Integration and Data Management System	08	2 years	8 years

Part II: Required Delivery Schedule:**For Indigenous and/or Imported goods:**

Supply, Installation, Commissioning and Acceptance to be completed within **90 days** from the date of NOA or date of opening of LC or date of approval of layout drawing (if applicable), whichever is later.

[In case of LC opening, necessary documents like valid Performance Security and Proforma Invoice are to be submitted within 21 days from the date of release of NOA. In case layout drawing (if approval is applicable) and Valid Performance Security it should be submitted by the supplier within 21 days from the date of release of NOA]

For delayed submission of above documents, delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.

Part IV: Turnkey Work (if any) as per details in Technical Specification.**Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.**

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

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

Free Delivery at Consignee's Site(s)

b) For Imported goods directly from abroad:

The foreign bidders 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 from ware house to the consignee site for a period including 3 months beyond date of delivery.

c) **The Consignee details** are as under but the supplier is required to deliver the goods at the designated site in the floor and building of concerned Centers/Hospital/Departments:

Consignee	Contact Address	Air Port	Sea Port
The Director, National Cancer Institute – AIIMS (Jhajjar Campus)	Badsha Village Jhajjar, Haryana	New Delhi	ICD Tuglakabad (for containerised shipments) Or ICD Patparganj

Note: The consignee will ensure timely issue of e-LORA, PNDD, CDEC etc., wherever applicable to the supplier.

SECTION - VII
TECHNICAL SPECIFICATION AND GENERAL POINTS

Modular Operation Theatres with Integration and Data Management System	
A	Brief About Project Work
	There are 08 operation theatres constructed at NCI Jajjar at 4th floor(Hospital Block), Bidder needs to develop all the OTs as Modular Ots with Integration Facility.
B.	Brief Details of MOTs: A. Fourth Floor OTs 8 nos. (OT-1 to OT-8) in Hospital Block: To be developed as MOT. (These will OTs also have Integration facility). OT-8 is IORT OT. It is to be developed as per AERB norms without any constructional change in approved AERB layout. Modular OT and Integrations work should be in accordance with AERB guidelines. Bidder has to quote suitable radiation protection Doors/Windows/etc. as per AERB. Bidder needs to lay a cable from console room to OT room for connecting the CCTV output to monitor in control room in the IORT. There should not any view widow present in the sliding door of IORT OT. 4" G.I. pipe conduiting (with all required civil works) to be laid from OT to the control room. Electrical Sockets: 8 nos. 6/16 A dual switch sockets - to be provided on two walls as per approved drawings 32A Industrial sockets - 2 no. - two be provided on two walls as per approved drawings
	Brief Details of Integrated MOTs The following OTs are to be provided with Integration Facility: 8 nos. OTs in Fourth Floor, hospital block shall have all Integration equipment Installed and two OTs in OPD Block (endoscopy) suite shall have two 55" monitors Installed in each OT A. Fourth Floor OTs 8 nos. (OT-1 to OT-8) in Hospital Block: To be developed with Integration Facility. OT-5, OT-6 & OT-7 are to be developed for Minimally invasive surgeries. Two nos. 55" Monitors are to be provided on two of the OT walls in these Ots. (i.e. one monitor on each wall). OT-8 is IORT OT: One no. 32" monitor to be Installed in Control room of IORT OT. Output signal of room camera, power signal, any other signal cable as per IORT requirement to be laid. Vendor needs provide a conduit through which communication, power cables etc. can be laid from IORT OT to control room
C	Provisions from the Institute: One point electrical power supply in UPS room. (Electrical Control Panel required for power distribution to individual OTs to be provided by the bidder) Earthing copper strip upto UPS room shall be provided by Engineering Dept. (further copper stripping 25mm x 5mm, till OT to be done by MOT vendor for all the respective OT's) Eight nos. LAN/Data cables in each OT Supply & Return air ducts till the entrance of each OT Provision of Electrical switch sockets, hot water, cold water & drain points for Scrub Station

D	Scope & Responsibility of the bidder
1	The bidder has to visit the site and correlate all the areas with the drawings and should well understand the scope of works to be done. Any disparity has to be communicated to NCI authority. Disparity if not communicated within the prebid queries time, it will be understood that bidders is responsible to complete any kind of works which was not specified in the specifications.
2	Bidder shall be responsible for complete design, fabrication, construction, testing and commissioning of modular operation theatres based on seamless integration with modular concept.
3	The works includes all modifications to the built up space provided at the hospital site including Installation of Paneling systems & substructure, Installation of Medical Equipment, Communication Systems, civil modifications, electrical works, peripheral lighting, plumbing works, furnishing, interior decoration, air conditioning ducting inside MOT, Medical Gas Pipe Lines & interconnection with existing gas pipeline, HVAC ducting and interconnection with hospital AC ducting, Fire Fighting, laying of patch cables, patch panels, Data & telephone cabling, data and communication cabling for Integration of all the equipment and other related works of the Operation Theatre required for the smooth and efficient functioning of the center. These works shall comply with all relevant safety standards and guidelines. The vendor is fully responsible for installation, testing and commissioning of all equipment mentioned in the tender.
	The following information is the Description of works to be carried out by the bidder for successful Installation of the OT.
4	Civil Works Widening/shortening of door opening & lintel if required in any of the OT/OTs. Further, RCC works if any required in the IORT OT. leveling of floor with PCC in case OT floor level is much lower in comparison corridor finish floor level cutouts in walls hatch box, PRD, AC ducting, cutout for MGPS pipeline, any other cutouts if required and proper closing of remaining gaps in the cutouts and make the wall good so as to match with the surrounding structures. Doing cutout for view window & providing lintel support for view window in OT-5 fourth floor hospital block. Closing of windows (approx. size: 2m width x1.5m height) openings in OT-3, OT-4, OT-5 in brick work complete with cement, plaster, paint so as to match with the surroundings Laying 4" G.I. pipe in IORT OT. From inside of the OT to the Control room of IORT OT. (This is required for laying power, communication cables by IORT vendor from control room to OT and vice versa) Removal of wall dado portions wherever required for sliding of Hermetically sealed door. Should use proper cutter to cut the dado so as to avoid shabby look. The cut edge of granite dado should be grinded in order to achieve smooth finish. Also the area after removing dado should be finished with cement/putty/paint Once PVC flooring works are executed, Proper protection coverings should be given on the PVC floorings until the handover of the MOTs. Any sort of openings made in walls by MOT bidder or openings already present in OTs, should be closed properly to avoid entrance of pests/rats etc. Any other construction and demolition if required for successful Installation of modular operation theatres

5	Electrical Works Laying of electrical cables as per equipment requirements of OT equipment, electrical switch sockets etc., providing electrical 6/16switch sockets on walls, 32A Industrial sockets (1 no. for all OTs) , Distribution boards, Electrical control panel, Installation of UPS system & Isolation Panel etc. Providing MCB, MCCB, relays, brakers etc. as per requirement of equipment and total load of OT. Provision of 6/16A electrical switch socket- 4nos. in the Ante room walls Copper stripping 25mm x 5mm, from UPS room to till each OT. Bidder has to take responsibility not to damage any structure of the Institute (ex. gypsum false ceiling tiles, false ceiling grid, wall rupture, disturbing false ceiling alignment etc.) If any damage happens to Institute property then the same shall be repaired by the vendor at his own cost All electrical accessories like cable wire, electrical outlets, switches, Control panels, etc should be fire proof, of reputed make, certified for electrical safety. All cable conduit, trenches and railings wherever required. All electrical accessories like cable wire, electrical outlets, switches, Control panels, etc should be fire proof, of reputed make, certified for electrical safety. All conduiting for routing electrical cables should be done using G.I. pipe.
6	HVAC works Execution of Inside OT HVAC ducting & connecting it to Supply & return air ducts provided by the Institute. The design, fabrication & erection of the OT ducts should be such that there should be not unnecessary noise arising as the air flows through the ducts & laminar air flow.
7	MGPS works Execution of medical gas pipeline inside the OTs & Intercoonection of the same with existing MGPS lines that were laid upto each OT. Provision of medical gas outlets in the Ante room O2-2no., Air-1no., Suction-2no. and N2O-1no., Provision of Mounting accessories for Multipara Monitor should be provided by the bidder. Required electrical outlet for Anesthesia machine, ventilator and monitor should be provided. If required, Shifting of Medical Gas Valve box and/or Medical Gas Alarm which can obstruct the door sliding path and after shifting vendor to do proper finishing of the surfaces with cement/putty/paint as required so that it matches with the surroundings
8	IT works: Laying telephone cables from nearest LV panel to the MOT surgeon control panel Providing Monitor Bracket on MOT wall in Ante room for mounting of patient monitor Laying cables, patch panels for Integration of various MOT equipments Installed viz. surgeon control panels, peripheral lights, room pressure sensors etc. All cable conduit, trenches and railings to be laid as per requirement for MOT equipment. Bidder is responsible to lay required cables for internet/wifi facility in OT complex. (Provision for - 1 Router/ OT)
8a	Fire Alarm system: An individual fire alarm to be provided for each of the MOT. All required civil, electrical work etc. required for its Installation outside of OT (i.e. OT corridor wall) to be done by the vendor. Also to Install required number of smoke detector points inside OT False ceiling & ceiling as per fire norms and connect it to the firm alarm. The smoke detectors & fire alarm should be of Honeywell/Edward make

9	Furnishing works: Wall mounted wooden cupboards to be provided in control room of IORT for storage of dosimetry conduits
9a	Air Conditioning For UPS room: Vendor should provide suitable AC for Air conditioning to maintain temp of 22 +/- 2 deg, humidity: 60-65% (or as suggested by UPS manufacturer). The AC should be provided with 100% standby on a working on duty sharing manner. Tonnage calculation arrived at based on heat load calculation should be submitted to the Engg. Dept. AC system should of any of the reputed make such as: Bluestar /Daikin/Voltas
10	Disposal of demolished waste at appropriate places as suggested by the NCI authorities
11	Any other necessary work not mentioned in the technical specifications but is required for satisfactory working/performance of the modular OT, then the same should be done by the bidder
12	The bidder shall be responsible for the complete works including the submission of Working Drawings, and walk through view.
13	Bidder shall be responsible for installation and commissioning of medical equipment for MOT & Integration in coordination with NCI authorities & engineering division (for internet, telephone, electrical issues, civil issues, HVAC, hot & cold water, drain points etc.) Any coordination issues with other vendors has to be communicated immediately to the NCI authority/HITES. If not communicated, then bidder shall be completely responsible for any kind of penalty thereof due to delays that happen. Bidder has to submit preventive maintenance schedule along with the checklist, should be provided by the bidder, Bidder has to do preventive maintenance quarterly and as and when requested.
14	Bidder shall be responsible for free maintenance with spares & consumables of MOT & Integration equipment and works carried out during warranty period and shall provide separate rate for consumables for CMC period, if bidder has not offered price for consumable it is assumed that consumable will be supplied free of cost during CMC also.
15	Bidder should provide factory test certificates from authorizes Govt. lab for the material used for the construction of modular theatres.
16	Bidder should supply complete set of part manuals, service manuals for all the systems and subsystems supplied.
17	Training should be provided at site for two week by the factory trained engineers /Original Equipment Manufacturer (OEM).
18	Final electrical safety test, system test, and calibration should be done by authorized persons using calibrated test equipment.
19	Regarding Outlets of the Anesthesia & surgeon Pendants, bidders have to supply same outlets as per the MGPS standard installed in the hospital. Before shipment of the Pendants, bidders should take necessary action for selecting the same outlets.
20	Works to be carried out for smoother Installation of Integration equipment in the MOT
a	MOT & Integration drawings should be finalized in consultation with the Dept., before the commencement of manufacturing of MOT walls, ceilings, Pendants, etc.
b	All cutouts for power socket/Data cables/Patch Panel/Etc. wherever required for Integration equipment as approved drawings by the Institute

c	Should make provision in ceiling for installation of OT Light as per approved drawings provided institute with dedicated electrical supply from DB to Ceiling.
d	Other Provisions to be done Providing necessary cutouts in MOT Wall Panel for wall mounting (Flush Mounting) of Monitors pertaining to Integration System as per approved drawing provided by institute Should provide dedicated MCBs/MCCBs as per the requirement of MOT & Integration equipment in MOT Distribution Board(DB) along with necessary cabling cutouts in OT walls to be provided for Flush mouting of Integration control system & AV system, as per approved drawings Cutouts in pendants to be provided as per requirement and as per approved drawings
e	All cutouts in wall panel & pendant for mounting of MOT and Integration equipment and for laying of power/communication cables/patch panel, should be factory made as per the approved plans of MOT & Integration. No cutouts are allowed to be made at site level.
21	The quantity of wall & ceiling panel mentioned in the tender is on approximate basis. Supply & Installation to be done as per the site requirement & drawing quantity.
E.	Technical Specifications of Modular Operation Theatres
1	WALL & CEILING SYSTEM:-Powder Coated SS304 as per EN 1.4301 standards.
	The wall system should be based on a technological modular unit designed to clad and to divide interior space in controlled bacteria environments in a flexible and functional manner for MOT including Ante-Room.
	The design ensures that the unique self-loading and free standing substructure can be clad with all types of engineered finishing panels with/without use of screws and any other fixed mechanical joints (SCREWLEES TECHNOLOGY)
	The outer surface of a wall surface should be created with high –tech materials - stainless steel 304 type EN 1.4301 (DIN EN 10088) powder coated in factory.
	System should offer total ease of cleaning and sanitization of the partitions. It should have no corners and adjacent surfaces should be molded flush by means of connecting elements. System should afford the maximum versatility at the planning stage and flexibility during erection, ensuring openness to future alternations and trouble–free maintenance. During the installation, first the structural parts and subsequently the finishing elements to be installed. The system should ensure perfect integration of technical networks and allow ample operational flexibility on the construction site.
	The clean, dry installation method should enable optimum programming of the various work phases, allowing optimization of the installation of technical systems and any necessary alterations to be made–right up to checking and final testing of the installed systems – before the modules are sealed.
	There should not be any difference in level between surface of any two adjacent wall panels. Proper care & expert supervision should be ensured by the vendor during the erection of wall panels.
	All component of Wall & Ceiling System should be from the same manufacturer for the following and undertaking/declaration from the manufacturer should be submitted along with bid:
a	Sub frame/Support Structure

b	Wall Panels (1) SS Powder coated
c	Wall corners
d	Sealing gaskets
e	Ceiling Panels SS powder coated
f	Glass Panel for wall (price to be quoted separately. Will be considered for L1 ranking purpose. Will be ordered if desired by the Institute (approx. 7-10sq.mtr. For each OT)
g	Sub Frame/Structure:
	Sub Structure frame made of galvanized steel pillars with broad cross section and dual cavity, with geometry designed to achieve exceptional rigidity. The substructure, with its FREE-STANDING technology, minimize the interference with all electro mechanical systems to be installed. Possible to adjust and secure the profiles, ensuring the maximum rigidity and self-loading capacity of the sub frame system.
b(1)	Technical Specifications of Powder Coated SS 304 wall Panels
1	All the Operating Theatres shall be fully pre-fabricated and truly modular in design, the wall system should be based on a technological modular unit designed and to divide interior space in bacteria controlled environments in a flexible and functional manner.
2	Wall panels made of stainless steel 304 type EN 1.4301 (DIN EN 10088) with thickness of 0.8 mm or more. Antibacterial coating by any of RAL color chosen by customer. Anti bacterial coating should be done at the factory and No painting job should carried out at site.
3	The wall panels should be reinforced by plasterboard with minimum thickness of 15 mm
4	All operating theatres shall have self-supporting and free standing subs structure. The free standing sub structure shall be made of minimum 0.8mm or more galvanized iron. The sub structure shall be firmly fixed on the floor, slab/ceiling RCC with high quality fasteners. The depth of the sub structure shall vary at different locations to allow ample space to accommodate various components/equipment to be installed inside it. (Including distribution of services like medical gases, electricity etc. inside the wall). The sub-structure should be from the same manufacturer as that of wall, celining and door.
5	All wall mounted equipment should be flush mounted.
6	The design of panels must allow the easy disassembly and reassembly to carry out additional changes in the plan without any cutting of panels.
7	The antibacterial coating should provide protection against bacteria, fungi and mould. This should be confirmed by the appropriate third party certificate.
8	The anti bacterial coating should be water resistant and resistant to chemical commonly used in hospital departments. The coating system should be easily maintained and can withstand repeated cleaning with alkaline detergent, anti septics and fumigation agents without any degradation to the surface finish or performance.
9	The individual wall panels shall use the tongue and groove technology/ screw technology for joining two panels, no welding should be allowed.
10	All joints between the wall elements should be formed such that no cleaning or disinfection problems arises and should be provided with medical grade antibacterial silicone gasket airtight seal. The gasket should be resistant to UV light, detergents, bactericides, water, steam, and means used for disinfection of operating theatres.
11	As an option, there should be a possibility of wide variety of colours and images to be used on the wall elements to give the aesthetic and state of art look to the operating room

12	The wall system (Panels and Substructure) should be made up of non-inflammable. material .No dangerous concentration of the gas should be produced in the event of fire. It should confirm to Class A1/A2/EI 30 (Min. 30 minutes).
13	Without any additional measures, Sound insulation values have to be minimum 45 dB. Test report of sound insulation will be required
14	Third party test certificate for SS 304 from material testing lab (Govt. Authorized) should be provided.
c	Wall Corners:
	Angular corners made with a 130°-140° angular modular element with the same finish of the wall panels. Such unit is internally completed by a stainless-steel/ Aluminum recovery duct formed by a single sheet/SMS, perfectly integrated and shelled in order to allow the correct element sanitization. A removable front panel allows both access to the canal behind either the regulation of the air flow between the lower and upper opening.
d	Sealing Gaskets/Material:
	Should be non-toxic silicone rubber/material around all the contact perimeters between the various materials, and the hermetically sealed gaps between modules, should ensure optimum space segregation and ensure that sterile air pressure values are maintained in the protected environment, this be being a fundamental prerequisite for guaranteed sterility. Should be seamlessly connected surface.
f(1)	Ceiling Panels: (SS304 Powder coated)
i	The ceiling panels should be manufactured with high-quality stainless steel 304 type EN 1.4301 (DIN EN 10088) with minimum thickness of 0.6 mm or more should be antibacterial coated in any of RAL colour chosen by customer.
ii	Ceiling system should be made up of detachable panels for easy disassembly and reassembly. It should be similarly prefabricated in the factory and fulfill the requirement of flexibility such that it should be possible to remove individually with the exception of the edge panels. It should be secured with locking system and perfect sealing. No welding should be permitted. All joints between the ceiling elements should be formed that no cleaning or disinfection problems arises.
iii.	Antibacterial coating by any of RAL color chosen by customer. This coating should provide protection against bacteria, fungi and Mould. Anti-bacterial coating should be done at the factory and No painting job should carried out at site.
iv.	The anti bacterial coating should be water resistant and resistant to chemical commonly used in hospital departments. The coating system should be easily maintained and can withstand repeated cleaning with alkaline detergent, anti septics and fumigation agents without any degradation to the surface finish or performance
v.	Ceiling panels should have a standard modules sized minimum 600 x 600 mm or 600X1200mm. Room lighting, ceiling supply units, ceiling service units and ceiling outlets can be easily integrated in to the ceiling panels. The lighting for the operation theatre should be flush mounted and sealed into theatre.
vi.	Third party test certificate for SS 304 from material testing lab (Govt. Authorized) should be provided.
h	Glass Panel for Wall: Should be of 8mm tampered glass with suitable backing material to mount it on the substructure. Should be of sufficient quality for OT environment. Should be provided with HD scenery pictures as per the choice of the user. Glass should be of Saint Gobain make specific quality for operation theatre use.

2	PVC FLOORING
i	It should be with 2mm antistatic seamless PVC flooring
ii	Floor should be smooth, non-slip, impervious material conductive enough to dissipate static electricity but not conductive enough to endanger personnel from electric shock.
iii	Electrostatic charge dissipation combat PVC seamless flooring of very high quality should be provided.
iv	Thickness not less than 2 mm Tile (2'x2') should be used and joints should be welded by special PVC thermal welding units using PVC welding bars of same colour.
v	The sheets should be highly durable with resistance to shock and indentation. It should be scratchproof also. The conductive material should be uniformly impregnated as grains.
vi	It should be inert to body fluids, chemicals and disinfectants. Should not be affected by temperature variation within the OT.
vii	The floor should efficiently discharge electric charges up to 2 kV
viii	Flooring should be done by skilled workers of accredited agencies authorized by the supplier of PVC sheets. The electrical resistance (point to ground) should be within 2.5×10^4 to 5×10^6 ohms. The floor should not allow buildup of electrical charge beyond 100 volts due to antistatic effect. The corners should not be terminated sharply and concealed cove-former (aluminum) should be used to overlap the wall panel to a height of approx. 25mm and sealed perfectly and uniformly. Self-leveling compounds should be used.
ix	The conductive copper grid laid underneath the PVC sheet should be supported by liquid epoxy compounds allowed to set as a uniform and level surface. The copper strips to be made visible by grinding and no copper strip should project more than 0.5mm above level surface to avoid damage to the PVC sheet. One earthing lead should be brought out from every 150sq.ft area and attaching it to the main earthing strip/ground.
x	Copper grounding strips (0.05 mm thick, 50 mm width) should be laid flat on the floor in the conductive adhesive and connected to copper strip of grounding. The connection from copper grid should be brought out uniformly at places to form equipotential grid.
xi	Flooring should be mechanically shock proof, scratch proof, flame retardant and anti-microbial
xii	Corners should be uniformly curved
xiii	Final surface should be non-corrosive to biological fluids and detergents.
xiv	Color should be uniform pleasant and matching with ambience
3A	LAMINAR AIR FLOW SYSTEM
i	The ceiling filtration system should be designed to ensure unidirectional distribution of sterile air of the surgical theatre to ensure the cleanliness of all the area covered by the air flow.
ii	The Laminar flow system should comprise of thick extruded aluminum/SS profiles frame and sealed gasket. The filters installed in the plenum should be suitable for application for laminar flow and clean rooms.
	These filters should meet following specification -
	Separators : continuous thermo plastic chord
	Sealant : Polyurethane
	Gasket : One piece polyurethane
	MPPS average efficiency: > 99.95%
	3 Micron DOP efficiency > 99.99%
	Final Pressure drop : 600 pa (max)

	Maximum Operating Temp: 60 degree Celsius
	Maximum RH : 40-50 %
iii	The ceiling system should be equipped with “H 14” class HEPA filters position in the ceiling to achieve 0.25m/sec flow at the diffuser.
iv	Filtration Ceiling System holding structure, Filter frames and top plenum should be made of Aluminum/Stainless Steel.
v	The filtration ceiling system should have diffuser/flow equalizer to achieve uniform & constant air distribution over the whole surface. It should be CE/UL certified
vi	The air management system should be designed to achieve class 100 with the following parameters:
a	Bacteriological class =B (5 CFU/m ³)
b	Particle decontamination kinetics CP =5 min
c	ISO 14644/1 classification = ISO 5
vii	The positive pressure should be maintained inside the OT to prevent contamination due to air from outside the OT.
viii	The supplier should provide test certificate for HEPA filter and laminar air flow systems from the original manufactures.
ix	Size of laminar airflow system minimum 8 feet X 8 feet or more.
x	Laminar Air Flow System should comply with any one applicable international safety /Quality certification.
xi.	Laminar Air Flow should be insulated to avoid condensation of air on outer surfaces of Laminar air flow. To be done with same insulation material as done for AC ducting for MOT
xii.	HEPA filters should be changed by the vendor every six months period. In case of any damage to Laminar air flow system while changing the HEPA filters/doing any service to the Laminar Air Flow system, then the Laminar Air Flow System should be repaired (or replaced in case of damage is permanent type) by the vendor free of cost. The rate for HEPA filters to be fixed during warranty & CMC period so that vendor can be paid on change of HEPA filters. But if HEPA filters fails within 6 months of its Installation/operation then it should be replaced by the vendor free of cost. Note: Initially one set of HEPA filters (Including Pre-Filters) to be Installed in the OT along with Laminar air flow are to be part laminar air flow cost.
	Note: Prospective bidders are advised to collect information regarding CFM and AHU capacity from the institute site. Total flow rate of filter bank shall match the CFM of AHU.
3B	EXHAUST AIR CABINETS/Grill
i	Return air exhaust grill should be provided in the OT.
ii	The exhaust air cabinets should be openable and cleanable.
iii	These cabinets should have suction from bottom and top also.
iv	Designed flow rate should not be less than 1000 m ³ /hr. Distribution of exhaust air volume should be divided between fluff strainers to maintain the required pressure within the theatre without causing turbulence.
v	Return air exhaust cabinet should be made from SS304/SMS as per followed material of walls.
3C.	Air Conditioning Duct inside the MOT
i	All the ducting inside the MOT shall be in the scope of the MOT bidder

ii	All necessary HVAC interconnection for supply and return air shall be the scope of bidder (the institute will provide the duct upto outside of the MOT)
iii	All the ducting should be as per industry standard and sheet should be Aluminum of appropriate thickness and insulated as per industry standard.
iv	The Ducting for the Ante-room should be responsibility of MOT vendor and ante-room should be relative –ve pressure from the OT pressure. Provision for the same shall be done by MOT vendor.
4	PERIPHERAL LIGHTING AND CLEAN ROOM LUMINARIES
i	To provide peripheral lighting and clean room luminaries LED light with intensity min 500 Lux, it should be minimum 8 in numbers for each OT. Should be with highly specular anodized aluminum reflectors and optical antiglare system.
ii	Luminaries cover should be made of highly resistant, disinfectant proof laminated safety glass with stylish fine grained surface, glass pane with white coated steel frame.
iii	The reflectors should be of high quality, cleanable and non-deteriorating.
iv	The white luminaries body should be made of sheet steel/ perfectly powder coated, supplied ready for connection optionally for individual or series circuit with digital electronic control gear in multilamp technology.
v	Recess frames should be gas tight. The fitting should be flush with the ceiling and should be removable from top or bottom. The light fitting should be uniformly and aesthetically distributed on the ceiling to provide uniform illumination in the OT. Light should not interfere when green mode endoscopy is performed
vi	Peripheral lighting should be done according to IP65 (international protection rating 65) / IP 54 regulations.
vii	Control equipment for the general lighting and the light dimming (0 to 100%) should be provided in the theatre control panel
viii	The LED should be from these make - Philips/ GE/ Crompton/ Wipro/ Syska/Osram.
ix	Two nos. of Lights are considered for Ante Rooms, However it will be installed as per the institute requirement and payment will be made on actual basis.
5	TOUCH SCREEN CONTROL PANEL
i	The control panel should be touch screen panel. This control panel should work as the central control panel for the instruction board, room light control, gas alarms, etc.
ii	Screen sized should not be less than 20 inches.
iii	The touch screen should be wall mounted, stationed in the visibility line of the surgeon and OT staff. The access height should be convenient for the nurse to operate and help/assistant when in need.
iv	The panel should accommodate digital clock and the elapsed time indicator.
v	The medical gas alarm should indicate high and low gas pressures for each gas service present in the OT including vacuum. This should be supported by audible alarm also. The panel should have an alarm mute (fault annunciation) facility. The sensors (pressure switches) should be at the nearest isolation valve.
vi	Control for general lighting: ON/OFF and dimming controls (from 0 to 100% should be possible) organized in groups to provide uniform illumination.
vii	Hand free telephone set with memory should be located at one side.

viii	Digital room pressure indicator in cm of H2O or equivalent (signal from pressure sensor shall be provided to indicate pressure differential between OT and outside)
ix	HEPA filter bank differential pressure indicator.
x	It should display OT temperature & humidity.
xi	It should be European CE / USFDA approved/UL or BIS approved
xii	Installation of required sensors for sensing and display of temperature, humidity, room pressure etc. is responsibility of the vendor.
6	X RAY FILM VIEWER
i	LED type flat panel X-ray viewing panel should be supplied.
ii	This should comply with relevant electrical safety codes.
iii	This should be 2 Numbers of dual panel viewing screen for each MOT; it may be on one wall panel or two adjacent panels.
iv	Mounting should be flush with the wall to avoid dust accumulation and growth of organisms between wall and panel.
v	Body should be of extruded aluminum powder coated black with bacteria resistant and disinfectant resistant finish.
vi	The diffuser on the front panel should be a uniformly lit screen.
vii	Dimming electronic control should be enclosed at the bottom of the cabinet.
viii	Proper spring loaded film clip with rollers should be provided to hold the films firmly and to remove the film without scratches.
ix	Each panel should be able to illuminate films up to 14"x17" size.
7	STORAGE UNIT
i	The storage unit should be made with minimum 1 mm thick stainless steel 304 or SMS backing with aluminum panels and should be with same finish of OT Walls
ii	The storage unit should have 5 or more shelves.
iii	The overall size should be minimum 200 cm X 120 cm X 35 cm
iv	Should be flush mounted/built-in to MOT wall.
v	It Should be of double door type. The door should be made of 1mm thick SS 304 wall panel. Each door should have see through view glass.
vi	It should have locking facility.
vii	Overall design should be finalized as per requirement of the end user
8	HATCH BOX
i)	A hatch should be provided in each operation theater to remove waste materials from the operation theater to dirty linen area/corridor just adjacent to Operation Theater.
ii)	Each hatch box should be equipped with two doors and the door should be operated electrically/motorized.
iii)	The hatch should be designed in such a way that only one door should be opened at one time.
iv)	The UV light should be so installed that it is kept on while both the doors are closed. This UV light has to be automatically turned off in case of opening of either of the doors.
v)	Indicators should be provided on both sides of the OT so that door open / close status can be monitored from both sides.
vi)	Hatch Box material should be SS304
vii)	Size of the Hatch box minimum: 800mmx800mm

9	PRESSURE RELIEF DAMPERS
i)	Pressure relief dampers or Over flow ports should be provided in each room to prevent contamination of air from clean and dirty areas.
ii)	Suitably sized air pressure relief damper should be strategically placed, enabling differential room pressure to be maintained and ensure that when doors are opened between clean and dirty areas.
iii)	Counter- weight balancing system should be provided in the PRD to maintain positive pressure inside the operation room.
iv)	Air pressure stabilizers should have unique capability of controlling differential pressure to close tolerance. The PRD should remain closed at pressure below the set pressure and should open fully at a pressure only fractionally above the threshold pressure.
v)	The body should be of SS 304 as per standard. High grade electrolyzed steel plate should be used for body and high grade SS304 stainless steel for blades
10	HERMETICALLY SEALED DOORS
	The door should be a hermetically sealed, single sliding of following sizes.
a)	Door of 2.1 (H) X 1.8 m (W) (For OTs & Ante Rooms)
b)	Door of 2.1 (H) X 1.0 m (W) (Optional)
c)	Door Double leaf (Overall size: Size 2.1m(H)x1.8m(W))as per tender Specification - No view window
d)	Door Double leaf (Size 2.1m(H)x1m(W)) as per tender Specification for Endoscopy OTs, Fourth Floor OT
	Note: Hand sensors, door track & door controller features not applicable for Double leaf door. Double leaf doors are to be provided with handle made of SS304. View window not required. locking facility should be available. All other features for the sliding door ex: the door material, insulation, frames, gaskets etc. to be provided same as providing for sliding door
	The controller should be capable of being operated by elbow switches/foot switches as well as touch less sensor.
	The track should be of stainless steel/Aluminum and the running surface for the top rollers should be suitably angled to reduce resistance to movement
	Opening and closing of the door should be microprocessor controlled electromechanical movement.
	The door material should be of SS 304, thickness of SS not less than 1mm or SMS thickness not less than 2mm with suitable Aluminum backing and Color should match the interior and care should be taken to make the leaf strong and light weight.
	Door leaf should have high quality synthetic rubber gasket with long life to ensure hermetic sealing (to maintain air pressure differential). Air tightness 99.99% at a pressure of 100Pa.
	The door and controls should comply with IEE regulation. All motors used should be DC brushless motors with essential isolation from mains.
	Doors should be made as sandwich-type – from two plates, the space between them should be filled with particle board or CFC free polyurethane or honeycomb, glued to the plates. In installation places of hinges and locks, strengthening components must be used.
	Thickness of door wings should range in between 40 - 60mm

	Frames should be integrated into the panel system and should be prepared individually for each type of door, made of stainless steel 1.5 mm thick.
	Fixtures should be made of stainless steel and adapted to requirements – size and weight of door wings, shape of door handles prevents form hooking the aprons.
	Door should be with vision window of minimum 400 mm x 400 mm with double glazed panels and hermetically sealed.
	Door movement should have minimum noise.
	The Door of Ante-room and OT room should be synchronized in such a way that only one door should open at a time. MOT Vendor has to coordinate with IORT vendor for door synchronization with IORT machines as per guideline.
	The starting time after receiving the signal should be adjustable between 0.5 to 20 seconds.
	The door controller should be CE marked.
d)	View window with Digital smart film
	View window with Digital smart film sandwiched in two parallel toughened glasses of thickness 5 mm . The Window frame should be powder coated Aluminum of approved shape flush mounted to wall paneling material with proper sealing. The entire assembly should be completely sealed and fitted with proper SS304 /SMS profile. The assembled thickness of the Window should be minimum 33 mm. The smart window film should be operated with switch to make Opaque and clear vision manually.
11	OPERATING LIST BOARD
i	One operating list board should be provided in each operating theater.
ii	It should be made of glass magnetic properties and should be flushed to the wall of the operating room.
12	SCRUB STATION (Three Bay)
i	Compact surgical scrub sink should be designed for use in OT complex providing for pre procedural scrub up.(Triple sink combination as suitable)
ii	Each fixture should be fabricated from heavy gauge type 304 stainless steel (minimum thickness 1.5mm) or SMS and should be seamless welded construction, polished to a satin finish
iii	The scrub sink should be provided with a front access panel which should be easily removed for access to the water controlled valve, waste connections, stoppers and strainers.
iv	Hands free operation should include infra-red sensors with programmable adjustment.
v	Thermostatic mixing, valve control should be located behind the access panel and maintain constant water temperature.
vi	Timing should be adjustable to meet individual application requirements.
vii	Provided with infrared sensors, thermostatic control taps with fail safe temperature controls.
viii	All units should have reduced anti- splash fronts.
ix	Should have provision for soap/disinfection scrub solutions.
x	Knee/foot operated switch should be provided additionally.
13	Scrub Suite Vending Machine(Optional- Not Mandatery to Quote - will not be considered for L-1 ranking):
i	It should be capable of vending all sizes like Small, Medium & Large etc.
ii	Should be installed in change rooms.

14	ELECTRICAL INSTALLATIONS (Distribution Board, Internal wiring, cable tray, conduit, etc.)
i	Distribution box, leakage relays, cable tray, etc and all internal wiring and earthing inside the OT should be under the scope of MOT bidder.
ii	Power distribution within the OT should be "provided" from distribution boards located to each theatre. Sub mains power to these panels should be by the general electrical contractor. From these panels all distribution services within the departments should be run. Isolated power supply, insulation measuring and protection as per IEC standards should be provided. All components should be EN/CE/UL/FDA/IEC certified
iii	Each OT wall should have minimum 6 nos. switch socket of 6/16A dual type and 2 nos. industrial socket of 32A should be provided to any 2 parallel walls of each OTs.
iv.	DISTRIBUTION BOARD
a)	All high voltage equipment should be installed in a separate enclosure.
b)	The remote cabinet should house the mains failure relays, UPS, electrical distribution equipment & circuit protection equipment for all circuits within the operating theatre.
c)	All internal wiring should terminate in connectors with screw & clamp spring.
d)	Connections of the clip- on type mounted, on a CE approved rail & labeled with indelible proprietary labels.
e)	Individual fuses or miniature circuit breakers should protect all internal circuits.
f)	Complete schematic drawing with description should be enclosed with the equipment.
v	Earthed equipment bonding of all exposed metalwork should be provided.
vi.	Power sockets within the Operating Theatres ancillary areas should be matched to the rest of the hospital.
vii.	Light fittings within the clinical areas should be recessed LED type with control gear
viii.	Fittings should be sealed In accordance with the standard IP54.
ix.	All equipment should be fully and permanently labeled to identify and describe the function, operation and voltage of the apparatus concerned. Throughout and upon completion of the electrical installation, tests in accordance with relevant sections of the local wiring regulations should be carried out and the results recorded.
x.	All necessary interconnection of LAN cables, Telephone/intercom, copper strip, etc. to MOT from hospital source is the responsibility of the bidder.
15	Electrical Control Panel if any required for Distribution of electrical power to the Individual OTs is the responsibility of the bidder
16	Isolation Panel - Isolation Panel of suitable capacity (20KVA) should be provided for every operation theatre which ensures the safety of staff, patient & equipment. System should have isolators provided through leakage relays etc according to IEC recommendation. This unit should be EN/CE/UL/FDA/IEC certified. These systems are to be commissioned by specialists. It should be integrated with BMS.
	Should be medical grade Insulation panel
	Should have fault detection feature
	Should be compliant to CEI 64-8 Standard
	Should be mountable on wall & compact and it will be installed at dirty corridor.
17	Online Central UPS

	Bidder should provide sine wave based suitable capacity modular UPS to support all modular theatre equipment. It should have individual modules to provide backup to individual OTs & one additional module to provide redundancy in case of failure of any of the UPS module UPS Capacity: 160KVA with 20KVA redundancy for 8 OTs in Fourth Floor in Hospital Block
	Institute will provide UPS room on the same MOT floor with one point raw electrical supply (DG supply) and bidder has to provide electrical panel at UPS room which will supply raw power & UPS power to each MOTs. All necessary cabling and fittings from UPS room to all MOTs at same floor should be responsibility of the bidder as per electrical standard. Bidder has to provide suitable DB for UPS Power and raw power to each MOT at dirty corridor. Maintenance free batteries should be provided with back up time of at-least 15min and battery bank will be at UPS room or suitable location provided by the institute at same floor.
	UPS should be provided with automatic bypass switch to raw power, which will act when UPS will fail.
	The room for the UPS will be provided by the institute at all OTs floor and one point electric supply will be provided to the UPS Room by the Institute.
	Electrical Control Panel if any required for Distribution of electrical power to the Individual OTs is the responsibility of the bidder
18	PENDANTS FOR ANESTHETIST AND SURGEON
	Bidder should Install suitable fasteners/mounting accessories according to height of the OT (i.e. according to distance between OT ceiling and slab). Bidder should visit site and analyze by themselves regarding individual OT requirement.
18.1	Double arm moveable motorized Pendant with Anesthetisa mounted
	The Pendants should comply with NFPA 99C/HTM 02-01/ISO 7396-1/DIN. The support arms should be extremely robust and revolve on high quality bearings, so that the pendant head glides smoothly and quickly to any desired position
	The Pendant should have the following specification:
i	Double moveable arms (any combination) with total coverage of 2000mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6 feet above floor level.
ii	Weight carrying capacity of the arm should not be less than 300 Kgs. should have electromagnetic/ Pneumatic brakes.
iii	Each arm should be capable of 300-340 degrees of rotation, which can be easily adjusted to suit the desired mode of operation.
iv	The Pendant Service Heads should be modular with minimum 1200mm head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.
v	The Pendant Service Heads should be supplied with medical gas terminal units and 5/15 or 6/16 Amps dual Sockets.
vi	Double arm pendant anesthetists : Each pendant should be supplied with pre-fitted outlets and probes as mentioned below –
	Oxygen Outlets – 2 nos.,
	Vacuum Outlets – 2 nos.,
	Nitrous oxide – 2 nos.,
	Air(4 bar) Outlets - 2 nos.,

	AGSS outlet - 1 no
	Electrical sockets - 12 nos.
	Should have Anesthesia Mounting Dock,. Should also have mointor arm for Patient monitor vital
	IV Fluid Pole with 4 hooks – 1No.
	Data socket RJ-45/CAT6 -2 nos.
vii	The pendants should be European CE with 4 digit notified body number or USFDA or BIS certified for the offered model.
viii	Pendant supplier should provide cutouts for Patch Panels in Integrated OTs. (only for integrated OT)
ix	The pendant should be supplied with necessary docking accessories for anesthesia machine.
18.2	Double arm moveable Pendant for Surgeon
	The Pendants should comply with NFPA 99C/HTM 02-01/ISO7396-1/DIN. The support arms should be extremely robust and revolve on high quality bearings, so that the pendant head glides smoothly and quickly to any desired position
	The Pendant should have the following specification:
i)	Double moveable arms (any combination) with total coverage of 2000mm +/- 10% and 330 deg. Horizontal movements for each arm. Vertical movement should be motorized and the arm height should remain to a height greater than 6 feet above floor level.
ii)	Weight carrying capacity of the arm should not be less than 180 Kgs. Should have electromagnetic/Pneumatic brakes.
iii)	Each arm should be capable of 300 - 340 degrees of rotation, which can be easily adjusted to suit the desired mode of operation.
iv)	The Pendant Service Heads should be modular with minimum 1200mm head. The heads should be capable of accepting a range of shelves, and infusion poles or other accessories. The Pendant Heads should support the range of Physiological Monitor Mounting Solutions.
v)	The Pendant Service Heads should be supplied with medical gas terminal units and 5/15 or 6/16 Amps dual Sockets.
	Each pendant should be supplied with pre-fitted outlets and probes as mentioned below –
	Vacuum Outlets – 2nos,
	Air (7bar) Outlet- 02nos,
	Air (4bar) Outlet – 01no.
	CO2 Outlet - 02 nos.,
	Electrical sockets - 12 Nos. (6/16A)
	Adjustable Shelf with two rails one on each side – 5 no.
	Data socket RJ-45 -2 no.
	IV Fluid Pole with 2 hooks – 1No. (Pole should be capable of stacking 4 nos of syringe pumps)
i	The pendants should be European CE with 4 digit notified body number or USFDA or BIS certified for the offered model.
ii	Pendant supplier should provide cutouts for Patch Panels in Integrated OTs (only for integrated OTs).
19	Medical Gas Pipe Line Interconnection (MGPS Lines to Pendants etc)
i)	The bidder should ensure that all works carried out as per HTM 02-01 /NFPA 99C / DIN/ISO 7396-1 standard

ii)	Bidder should provide Oxygen, Air4, Air7, Co2, Vacuum, AGSS, and Nitrous Oxide, etc. supply to Operation Theatres from the existing lines terminated outside the MOT.
iii)	Bidder shall be responsible for supply, installation, testing and commissioning of complete MGPS system inside the operation theatre including Distribution piping, connection to Pendants, outlets and other essential accessories.
iv)	Copper pipes should be of solid drawn, seamless, deoxidized, non-arsenical, half hard, tempered and degreased copper pipe. All copper pipes should be degreased & delivered capped at both ends. The pipes should be accompanied with manufacturers test certificate for the physical properties & chemical composition. The copper pipe should comply with EN 13348
v)	Copper pipe must have reputed third party inspection certificate (Eg. Lloyd's, TUV, SGS).
vi)	Fittings should be made of copper and suitable for a working Pressure of up to 17bar and especially made for brazed socket type connections.
vii)	The copper fitting should comply with EN 1254-1
viii)	The Brazing filler material should comply with EN 1044
	Gas Detection Tube system Multi test med. Int. checks the purity of medical gases. A single test system is all that is needed to detect contaminants in compressed air and oxygen to meet the requirements of medical supply systems according to the quality criteria of different standards, such as United States Pharmacopeia (USP) and European Pharmacopeia.
S.No.	Technical Specifications of Integration & Data Management System
1	Installation Requirement & Scope
a)	Bidder has to visit the site and correlate all the areas with the drawings and should well understand the scope of works to be done. Any disparity has to be communicated to NCI authority. Disparity if not communicated within the prebid queries time, it will be understood that bidders is responsible to complete any kind of works which was not specified in the specifications. bidder should also check the floor to ceiling height and provide ceiling mounting accessories/fasteners accordingly for mounting OT lights, room camera, boom arms etc.
b)	Bidder has to provide all required hardware & software to complete the work all in accordance with international standard & norms.
c)	Within MOTs & Integration Server Room communication between devices console etc. can be done using any technology compatible with 3D, HD, FHD, SD and 4K signals wherever applicable. However communication to any location outside MOT/Integration Server Room should be through Fiber Optic.
d)	All required cabling in MOTs and up to Integration server room is under bidder's scope. Institute will provide OFC (Fiber Optic Communication) from Integration server room to other locations like- doctor's lounges & auditorium, etc.

e)	Bidder should be responsible for all cut-outs, patch-panels, flushing of monitors, etc. and repairing & repainting of OTs thereafter (If required)
f)	Bidder has to provide all required tranches/ trays, conduits for fiber optic cables, electrical cables, data cables, etc. with all necessary cabling required for integration system. MOT vendor will provide necessary cutouts as per approved drawing provided by institute/consignee. MOT vendor will also provide dedicated MCBs/MCCBs minimum 4 Nos for integration equipment in MOT Distribution Board(DB) rest cabling will be in the scope of integration vendor for integration equipment's. All the electrical components should be used as per industry standards and norms.
g)	Bidder has to provide all required convertors/transducers/ Scalars to integrate signal from different sources/equipment. The integration system should be capable of sending & receiving of all kind of audio & video signals (VGA, RGB, HD, 3D, 4K , HDMI, DVI, USB, S-Video, etc)
h)	Full MOT Integrations system offered should work without need of Internet within the Hospital/Institute i.e. over INTRANET or OPTICAL FIBER BACKBONE.
i)	The Integration server system should be Integrated with existing Integration server system Installed in 3rd Floor of the hospital
2	Medical Grade Monitors -
a)	32" inch or more 4K Ultra High Definition (3840x2160p, 16:9/16:10 aspect ratio) flat panel medical grade monitor should be mounted on OT Light 3rd arm (one no. for all MOTs and one in control room of IORT OT). Wall mounting provision should be offered for the one to be Installed in control room. Should be able to support and display DVI, HDMI display ports True Flat desing with AR filter Should have video enhancement features including 14 bit LUT processing, DICOM part 14 GSDF compliant, DICOM, clear, blue modes support Should be Integrated with Hospital PACS. Vendor has to necessary coordination with hospital authorities for connecting PACS monitor to Hospital PACS The monitor should be ready with cables for Integration to travel from various sources of video like endoscopic camera, room camera, in light camera. Monitor should have option to take video input from IP based decoders The monitor must be medical grade certified and BIS certified. The certificates for medical grade and BIS must be submitted

b)	55 inch or more LED medical grade color monitor, DICOM Comptible, wall mounted for images of PACS with below mentioned specifications Wall mounted monitor 55" or more Monitor should be flush mounted with suitable frame. Frame should openable/serviceable HD TFT flat screen monitor with 4K UHD resolution of 3840X2160p and aspect ration 16:9/16:10 should be flush mounted on OT wall with all necessary frames with glass should be provided by bidder Should be able to support and display DVI, HDMI display ports True Flat desing with AR filter Should have video enhancement features including 14 bit LUT processing, DICOM part 14 GSDF compliant, DICOM, clear, blue modes support The monitor must be medical grade certified and BIS certified. The certificates for medical grade and BIS must be submitted
c)	Ceiling Boom Arm – Should be capable of holding 32inch monitors It must be versatile for variety of medical grade monitors in laparoscopy/endoscopy/C Arm monitor etc. Suitable panel for power & signal to be laid down for extra various sizes monitor at wall of modular OT Independent ceiling suspension arm for monitor Should be 330 deg rotation of monitor Should be supplied with monitor holder
d)	All medical grade monitors offered should be European CE with 4digit notified body or US FDA or BIS certified
e)	Bidder shall be responsible for Patch panel for power & signals to be laid down for Monitors at Wall/ Pendent/ booms/ OT Light 3rd arm
3	Audio Video Communication System
a)	All the AV signals of MOT should be connected to Auditorium/Conference room/Other MOT/Doctors lounge/Etc. for video conferencing and live transmissions in the native form as per the requirement. Suitable cable provision should be laid accordingly. All Local Area Network Cabling in all the OTs along with the Doctors Room(where all OTs stream can be viewed) & auditoirm is to be done by the OT Integration bidder along with the suitable network Switch . Network switch should be minimum 1G to estabale a good Local Area Network without any delay during streaming.
b)	The Audio-Video router system should have 8 x8 Digital and upgradable with 12x12 (DVI-I/DVI-D) with 4K routing capability and open architecture which should be upgradable to future input/output requirements. The routing/Switch system should be able to integrate any signal input/output including 4K.
c)	Required Number of Decoders and Encoder/converters/ Scalars should be supplied as per the institute requirement.

d)	Audio – Visual system should receive the signal from different sources like Room camera, Endoscopy camera, Overhead camera, Archiving System, Auxiliary system, C-Arm, Video Microscope, Mobile ultrasound, microphones, AUX-IN, 3.5mm(Audio) in , video conferencing and collaboration platform. Suitable number of Encoders and Decoders should be offered accordingly.
e)	The routing system should allow selection of multiple views for simultaneous transmission in QUAD or PIP format or PAP or 1+3 format. System should be capable to show upto 9 video sources on 4K display.
f)	Loudspeakers to be Installed within the operating theatres. 3 channel loudspeakers with Digital volume control and Audio mixer and audio equalizer should be Installed at a most suitable place. Suitable cable material and a patch panel should be offered as per position of the Loudspeaker
g)	VC Unit to be provided for each OT
h)	The surgeon and his team should be able to do Bidirectional Audio/Video communication from OT to conference room using the VC unit. All necessary accessories such as, provision of microphone, ceiling mounted speakers along with necessary laying of power cables, patch panels and any other necessary accessories provision and Installation for having Bidirectional Video Conference
i)	Video conferencing system should be there for external communication from operating room. The system should be able to transfer high quality real time images and audio signals from multipoint at a suitable data transfer speed. The system should be compatible with 4K UHD 3840x2160p (FHD 1920 x 1080p) for transmission over ISDN lines or IP service at a minimum speed of 10 MBPS. The conferencing system should be controlled via touch screen of the integration system for the OT. Suitable number/sets of transmitters, receivers and cables, connectors and accessories should be Installed as per the requirement. VC Should be for outer world and within through Fiber. All cabling such as optical fiber and/or LAN cable etc. whatever required for VC to be supplied & laid by the supplier
j)	The System should be able to receive and transmit the PACS Data.
k)	Patient and image data(Endoscopic or open procedure) should be able to call up and distributed to required monitors in the operating room. Cross conversion and scaling for SD and HD signals should be available as standard (Every SD/HD input can be routed to any output within MOT)
l)	All the patch panel work required for Hardware of OT Integration system should be in the bidder's scope of work and also necessary co-ordination with consignee, MOT Vendor, construction vendor and HLL/HITES will be the responsibility of the bidder for successful completion of the all associated works.

m)	Full HD PTZ Room Camera with 20X optical zoom and 12X digital zoom to be installed inside the OT. Pan, Tilt & Zoom of the Room camera can be controlled from the control screen of Integration Platform., Speakers & wireless mic., etc. should be provided in each MOT along with a patch panel which is capable to path any Standalone VC System, AUX in & AUX out and USB(AUX & USB for music only)
n)	The video conferencing system should be controlled via the touch screen of the integration system. The video conferencing system should capable of sending and receiving of any VC call through IP. Vendor may offer central solution for the same but all MOTs should be capable of dialing VC calls and receiving VC calls and simultaneously minimum 06 parties can join the VC in FHD. Parties can be any three MOTs simultaneously of NCI Jajjhar MOTs and any other five parties who having IP based VC anywhere in the world.
o)	Audio-video connection should be provided for communication with the frozen section room in the Pathology department
4	Control System cum Digital Documentation -
a)	Full High Definition 21" or more Medical grade touch screen LED monitor with native resolution 1920x1080 pixels (FHD). Should be wall mounted or mounted on extended arm on surgical Pendant for the display& routing of live transmission of images and video sequences from the Operating Room (eg. images from C arm, endoscope, OR light camera and Microscope). Should have provision to record the images and video sequences from OT
b)	Control of OT Light and Camera: Control of the operating light (major and satellite and camera control (on/off and intensity control) should be provided.
c)	Should have provision to record the images and video sequences in OT.
d)	The Ultra High Definition 4K Digital Documentation System should be a high-end computer system based on Windows 11 or better embedded platform (for security purposes) designed specifically for recording, managing, and archiving surgical images and video in native 4K and full HD formats. The captured full high-definition images & videos can be accessed from the hard drive for printing or saving onto multiple forms of external media which includes USB Flash Drive & Hospital network. It should be able to preview and simultaneously records views from two video sources parallel and archive as single patient file
e)	Integration of equipment/Signals/Sources with the Central Control System in such a way that the central control system is capable to route any running SD/HD/FHD/3D/4ksources to any destination display device in an operating room without changing infrastructure and without pre configuration.
f)	It should have at least 1TB or more internal Hard Disk Drive (HDD) for in-system archiving. Also able to automatically transfer the data to storage server present in Integration server room for optimum use of storage. It should be able to preview and simultaneously record views from two video sources parallel and archive as single patient file.

g)	Patient and image data should be able to call up and distributed to required monitors in the operating room
h)	All cabling including audio, video, communication, power, etc in the scope of bidder and it is responsibility of the bidder to provide all necessary connectors/convertors to integrate the external OT equipment to integration system.
i)	The control system rack should be flush mounted into the MOT wall or mounted on rack at dirty corridor, all the suitable flushing/mounting rack & accessories should be provided by the bidder and it should be accessible for servicing purpose.
j)	System should able to document patient data and user configurable options for different procedure. The integration system offered should be connected with PACS & HIS. It should be DICOM and HL7 compliant.
m)	Dedicated PACS PC to be provided
5	Monitoring and Integration Server Room requirement –
a)	A dedicated wall mounted monitoring screen of minimum 42 inches should be provided for viewing live MOTs procedures of all 8 MOTs in octa view through live streaming or via cabling. Selection of the source to be displayed will be assigned by respective MOTs.
b)	It should have dedicated server with 30TB of local online storage/ NAS connected with documentation system of all MOTs and with Hospital server.
c)	Suitable Live Streaming Server (if not dedicated for each OTs) can be placed in this room with all necessary cablings & accessories.
d)	Bidder has to provide VC Patch to this room and doctors lounge/Lecture room present on same OT area.
6	Live Video Streaming –
i)	Full HD live streams of at least three user selectable any Video sources of each integrated MOT should be provided with suitable encoders & decoders. The sources for the video streaming is freely selectable and the surgeon should be able to put the OT in Private Mode/off, if streaming of Audio-Video is not required to a particular user or to all the users
ii)	The Live Streaming of VC should be possible as one of the AV sources out of three for each MOT as described above.
iii)	The system should provide streaming solution to see live surgery in a training centre or outpatient room without need of additional hardware. Preferably, there should be provision for Picture in Picture (PIP) and Quad display for viewing multiple input signals at the same time and for multicast view for remote access the same should be based out of server application
iv)	No off the shelf IT DVR solution should be provided
v)	The system should be provided with minimum 30 User Licenses to allow multiple and simultaneously login of browser based application, based on user privileges and secure login details, to remotely view of video sources in the ORs.

vi)	The system shall facilitate tele conferencing through central hub of all the connected OTs with outside world by using a suitable codec
vii)	The system placed centrally shall be able to view auxiliary streams, like CCTV camera views, of the hospital
7	Trolley Based VC System –
i)	The VC system should be equipped with all hardware, software & licenses to enable the bi-directional Video Conferencing like – FHD Camera with 10x Optical Zoom, Freely PAN/TILT for view setting with all controls, Dedicated wireless Mic, Speaker, min. 26" LED monitor, etc. and suitable system for dialing & receiving the IP calls.
ii)	Should be ready to connect with Patch Panels & Hospital Network, suitable accessories should be provided.
8	Camera Inside OT (PTZ Camera) HD Camera high speed with 20X optical zoom lens, with pan tilt with power supply and reliable strong mounting assembly should be provided and Integrated to the central control system. It should be controlled via 21" touch screen of Integrated system
9A	Double Dome LED OT light with two additional arms, for mounting monitor and 4K camera (for all OT's including Integrated)
	Two major light heads of same size
	Reflector based LED technology for better shadow resolution
	Arrangement of LED in such a way that shadow free/deep cavity illumination is achieved
	Adjustable color temperature
	Special design to maximize the field of illumination and optimized illumination depth
	Should have good laminar flow properties
	Should have aluminum housing for better heat management
	ESG safety glass for simple and fast disinfection process
	360 deg rotation of domes/light heads/arm for unlimited positioning of light head
	MIS Lighting features on domes
	Multifunctional handle
	Should have control panel on the cardanic arms
	In case of LED failure, each individual LED module should be replaceable
	On/Off button with storage function
	Background illumination for endoscopic procedures
	Illumination intensity plus/minus (8 steps)
	Illuminated field size plus/minus (5 steps)
	Should have anti bacterial coating on complete system
	Presetting for individual requirement
	Should have third arm for mounting 32" monitor
	<u>Technical Data of Major and Satellite Light Heads:</u>
	Central illumination $E_c(1\text{mt})$ 1,60,000 lux
	Dimming range: 2-100%

	Ambient light for MIS: 3000-48000 K Lux
	Life time of light source ≥ 60000 hrs.
	Light field diameter (mm) 140-300
	Depth of field L1+L2 at 20% ≥ 2100 mm
	Depth of field L1+L2 at 60% ≥ 920 mm
	Working area from 760mm to 2860mm
	CRI (Ra) Color range index ≥ 98
	R9 (deep saturated red color index) ≥ 99
	Color Temp (K): 3500-5500K adjustable in steps
	Power consumption ≤ 100 W
	Total irradiance ≤ 600 W/m ²
	Temp increase at surgeons head < 1 degC
	LFI index: 33%
	LFI measurement of particles Class: 4.1
	Certification: ISO 13485 certified by 4 digit CE notified body along with Declaration of conformity or USFDA certified
	Rotation: 360 deg
	Protection class according to IEC 60601:1
	Suspension protection Class: IP 30
	Light protection class: 54
	Approx. of each light head ≤ 18 Should have 3D Shadow Compensation The 3D Shadow Compensation function detects objects between the light head and the surgical field and compensates for shadowing by actively controlling the LEDs. By providing a constant brightness in the surgical field, an optimal surgical procedure is facilitated.
ii	4K Wireless Camera
	Should be centrally mounted on the centre of LH
	Resolution: approx: 8MP
	4K Ultra HD: 3840x2160
	Zoom: 30x optical and 12x digital
	Image rotation: Unlimited, electronically and mechanically
	Video outputs: HDMI 1.4, DVI
	Protection Class I
iii	4K Monitor
	Atleast 32" Medical Grade
	4K (3840x2160 pixels), at 60 Hz, in the surgical suites
	Bonded front filter for higher brightness and contrast ratio
	State of the art surgical visualization, the best possible image
	Ready for advanced digital OR Installations
	Flush front glass surface, fast and easy to clean
	Slim profile and narrow bezel for a streamlined design
	Panel 32" TFT LCD/LED
	Aspect ratio: 16:9/16:10
	Active area: 700mmx370mm approx.
	Input Signal:

	1xHDMI 2.0, 1xDP 1.2 (MST), 1xDP 1.2 (SST), 1xDVI (single link), optional feature: 4xSDI (3G)
	Output signal
	1xDP 1.2 (SST), 1xDVI (single link), optional feature: 4xSDI (3G)
	Should have controls for power, menu, PIP, up, down, plus, minus, input source
iv	4K recorder
	Integrated touch screen of minimum 12"
	Multiple HD touch screens are supported via USB
	Duplicate the internal 12" touch screens to a external touch screen monitor via the secondary display
	Ports: DP, HDMI, VGA
	Two of the three ports can be used simultaneously for multiple external displays
	Supported camera/video resolutions: 4K & 4K UHD: 4096x2160p & 3840x2160p: 50/60Hz, Fully HD: 1080p, HD: 720p, 3D HD side by side: 1080p, 1080i, 720p, 3D HD top/bottom: 1080p, 720p
	1 TB internal storage (approx. 20 hours of 4K UHD video)
	Simple USB software update
	HIPAA compliance, encryption, auditing, user/admin
	Embedded Linux OS
	Cyber security compliance
10	Mobile OT light
	Should have the following features
	Reflector based LED technology for better shadow resolution
	Arrangement of LED in such a way that shadow free/deep cavity illumination is achieved
	Should be camera ready
	Adjustable color temp
	With built-in battery backup from same company
	Special design to maximize the field of illumination and optimized illumination depth
	Should have good laminar flow properties
	Should have aluminum housing for better heat management
	ESG safety glass for simple and fast disinfection process
	360 deg rotation of domes/light heads/arms for unlimited positioning of light heads
	MIS lighting feature on domes
	Multifunctional handle
	Should have control panel on the cardanic arms
	Incase of LED failures, each individual LED module should be replacable
	On/Off button with storage function
	Background illumination for endoscopic procedures
	Illumination intensity plus/minus (8 steps)
	Illuminated field size plus/minus (5 steps)
	Should have anti bacterial coating on complete system
	<u>Technical Data of Light Head:</u>
	Central illumination $E_c(1\text{mt})$ 1,40,000 lux
	Dimming range: 30-100%

	Life time of light source: ≥ 60000 hrs
	Light field diameter (mm): 140-230
	Depth of field L1+L2 at 20% ≥ 900 mm
	Depth of field L1+L2 at 60% ≥ 500 mm
	CRI (Ra) Color range index ≥ 96
	R9 (deep saturated red color index) ≥ 94
	Color Temp (K): 3500-5500K adjustable in steps
	Power consumption ≤ 55 W
	Total irradiance ≤ 500 W/m ²
	Single battery runtime at full intensity: more than 4 hrs, charging time of battery less than 3 hrs
	Temp increase at surgeons head < 1 degC
	LFI index: 13%
	LFI measurement of particles Class: 3.6
	Certification: ISO & CE & FDA listing
	Rotation: 360 deg
	Protection class according to IEC 60601:1
	Suspension protection Class: IP 30
	Light protection class: 52
	Approx. of each light head ≤ 14 Kg
11	OT Table High End with Accessories for MOTs
	General Characteristics
	Mobile OR Table with electro hydraulic drive via Integrated batteries and mains power supply
	Adjustment for base locked/unlocked via hand control unit by means of four post, self levelling hydraulic locking system
	OR table in standard configuration of the table top generally capable to support a max. weight capacity of ≥ 400 kg
	In reverse orientation, the max. patient weight ≥ 220 Kg
	The table should be sturdy, mobile with padded divided (split leg) foot section with double abduction facility
	OR Table should have special services software for quick, uncomplicated definition of technical status and failure tracing
	RS232 port for device control & computer assisted error diagnosis for easy service
	OT Table should be future ready for integration technology
	OT Table should have interchangeable position for head plate so that it can connect with leg plate
	Characteristics of the OR Table top:
	Head rest with up/down articulation
	Back rest, preferably detachable
	Seat plate with perennial cut
	Split leg plates, detachable
	OR tabletop should either have a powered slide of at least 300mm to permit full upper body imaging including the pelvis without having to move the patient (translational facility controlled by remote)
	For additional flexibility, the back section should be completely detachable (either in regular or reverse position) which allows for use of several positioning accessories

	OR table top designed completely without X-ray interfering crossbars, for large scale application abilities of the C-Arm
	Guide rails underneath the table top allow for inserting of X-ray cassettes over the complete length, including the area of the central seat selection
	OR table top surface should be constructed of radiolucent - pheolic which provides superior imaging and strength
	Control of the adjustment motions:
	The adjustment of the hydraulically powered motions are controlled electrically from outside the intervention area via cable connected hand control. Hand pendant with back light
	All powered functions can be controlled manually also (override system) via an additional control unit, stored safely on the side of lift column. Integrated into the table's foot construction, is a foot pump operated via a retractable foot lever. It is a fully functional manual system in the case of some type of failure
	Safety characteristics
	Every powered adjustment of the table (except for the comfort functions Flex, Beach chair and zero position) can be operated by activating the respective key on the auxiliary control unit plus operating the foot lever, Therefore, in the unlikely case of a technical failure, every OR table adjustment, including locking/unlocking the table's base, can be operated independently
	In the case of total loss of functionality, there is a foot unlock switch that will release the floor locks and allow removal of the table
	There is an integrated software controlled crash prevention system. It is not possible to crash into the table base or into floor when standard tabletop sections are attached
	Battery powered/mains operation:
	Maintenance free special design batteries, with a capacity for approx. 50-80 surgical operations or one week of operation. The battery charge level should be monitored electronically and indicated optically on the hand control
	Technical Data
	Dimensions
	Total length of OR Table top incl. head rest: 2000-2150mm
	Length of table top without head rest: 1800-1950mm
	Width of table top: 530-580mm
	Total width of table top incl. side rails: 580-620mm
	upper body imaging window $\geq$ 1000mm
	Standard lower body imagain $\geq$ 1100mm
	Weight of OR table top approx: 350 kg
	Adjustable max. patient weight full articulation: 450-500Kg
	Admissible max. patient weight (reverse): 200-230kg
	Adjustments via hand control unit:
	Lower height: 680mm or less
	Max. height: 1150mm or more
	Lateral tilt right/left: 20 deg
	Trendlenberg/reverse trendlenberg: 30 deg
	Back plate up/down: 45deg/90 deg
	Leg plate up/down: 30deg/100deg

	Also on the hand control unit are functional keys and status monitoring indicators for
	Zero position (reset of all powered table top functions to horizontal position)
	Base locked/unlocked
	Patient orientation normal/reverse mode
	Flex/Reflex
	Beach Chair
	Charge level of the OR table batteries and mains connection
	Fault status/service required
	Manual Adjustment: Head plate up/down inclination: 40deg/70deg infinitely variable
	Standard Onco. Accessories
	Arm board: 1 pair
	Anesthesia screen: 1 no.
	Body strap
	Shoulder support pair
	Lateral positioning set incl. high arm rest
	Premium leg stirrups, pair
	IV pole
12	Manpower Requirement
i.	Providing for Two trained and experienced manpower during the warranty period, for supervision and maintenance of MOT & Integration equipment (inside the MOT equipment, Integration equipment & Integration server) room on 24x7, 365 days in a year basis, until the completion of warranty period.
ii.	Wages and insurance: The vendor shall comply with the laws applicable to staff engaged for supervision & maintenance of Integration equipment, regarding working hours, minimum wages, safety, cleanliness, leave, over time allowances, provident fund, retrenchment benefit, and medical benefit like ESI etc.
iii.	NCI-AIIMS management has no liability for the manpower deployed by the vendor, their health and safety, etc. Bidder will provide uniforms and other protective gear to ensure proper protection to all workers.
iv.	NCI AIIMS shall not provide any boarding/ lodging and transporting facilities to the staff deputed by the vendor permanently or temporarily.
v.	The bidder must detail in the technical bid (without showing the rates) the manpower proposed to be deployed for Supervision & Maintenance of Integration equipment with specific details of minimum wages component and statutory deductions / benefits being provided to employee / workman as applicable. The same details to be reproduced in the price bid section with aforesaid rates (in pdf format under the add attachment with Price Bid).
vi.	The bidder shall factor in the minimum wages and other statutory labour laws as applicable in the State of Haryana as on the date of closing of bids while quoting the operations cost. Any change in operations cost due to increase in minimum wages / change in other statutory laws shall be compensated by NCI-AIIMS on actual basis as applicable

vii.	The break-up of operations cost must be quoted on yearly basis for a period of 5 years. The sum total shall be considered for Bid Ranking purpose. However, payment for operations cost shall be done on monthly basis after verification of manpower deployment as proposed by the bidder.
13	There should be one point of contact on behalf of the vendor who should coordinate with the Institute throughout the execution of the project until completion of Commissioning of MOT & Integration System
14	Demonstration of OT & Integration Equipment: Bidder should offer Physical demonstration of the Modular operation theatres equipment & Integration equipment if desired by the user Department

BOQ for Modular Operation Theatres with Data Management System				
Schedule A- BOQ FOR 08 NOS. OF MODULAR OTS on SITC basis				
SN.	Item Description	Unit	Qty	Remarks/MAF- Ex/ NON-Ex/NR
1A	Wall Paneling System Complete as per tender Specification	Sq M	900	Panel including Ante-room paneling / Non-Ex
1B	Ceiling Paneling System Complete as per tender	Sq M	500	Panel including Ante-room paneling / Non-Ex
1C	Glass Panel	Sq.M	200	Panel including Ante-room paneling / Non-Ex
2	PVC Flooring as per tender Specification	Sq M	550	Including ante room/ NR
3	Self-Leveling Compound	Nos	8	NR
4	Laminar Flow Air System with initial set of HEPA filters , Exhaust Cabinets and AC Ducting(Inside MOT) as per tender Specification	Nos	8	Non-Ex
4a	Set HEPA filters for Laminar flow for each OT (total qty for 8 OT's , for 19 changes - 9 changes in warranty period and 10 changes in CMC period)	Nos/ set	152	Non-Ex
5	Peripheral Lighting and Clean Room Luminaries as per tender Specification	Nos	64	Including ante room peripheral light/ NR
6	Touch screen control panel as per tender Specification	Nos	8	Non-Ex
7	X Ray Film Viewer as per tender Specification	Nos	8	NR
8	Storage Shelves as per tender Specification	Nos	8	NR
9	Hatch Boxes as per tender Specification	Nos	8	NR
10	Pressure Relief Dampers as per tender Specification	Nos	16	NR
11A	Hermetically Sealed Door{Size 2.1m(H)x1.8m(W)} as per tender Specification	Nos	8	Non-Ex
11B	Hermetically Sealed Door {Size 2.1m(H)x1.8m(W)} as per tender Specification - Door for Anti-Room	Nos	4	Non-Ex
12	View window with Digital smart film	Nos	2	NR
13	Operating List Board as per tender Specification	Nos	8	NR
14	Scrub Station as per tender specification	Nos	6	NR

14A	Scrub Suite Vending Machine as per tender specification	Nos	4	Non-Ex
15	Electrical Installations(Distribution Board, Internal wiring, cable tray, etc) as per tender specification	Nos	8	NR
15A	Electrical Control Panel for 8 OT's in Hospital Block	Nos.	1	Non Ex
16	Isolation Panel as per specification -	Nos	8	Non-Ex
17	Modular UPS as per Specification (160KVA + 20KVA standby) For 4th Floor OT's in Hospital Block	Nos.	1	Non-Ex
18A	Double Arm Moveable Pendent for Anesthetists as per specification	Nos	8	Ex
18B	Double Arm Moveable Pendent for Surgeon as per specification	Nos	8	Ex
19	Medical Gas Pipeline Interconnection as per specification	Ls	8	NR
19 A	Gas Detection Tube system	Nos	8	Non-Ex
20	Medical Gas Outlets (for Ante room). To be of same make & model and standards as provided in Anesthetic & Surgeon Pendant			Non-Ex
a	Oxygen outlet with probe	Nos.	12	Non-Ex
b	Vacuum outlet with probe	Nos.	12	Non-Ex
c	Medical air outlet with probe	Nos.	6	Non-Ex
d	Surgical air outlet with probe	Nos.	6	Non-Ex
e	N2O outlet with probe	Nos.	6	Non-Ex
f	AGSS outlet with probe	Nos.	6	Non-Ex
g	CO2 outlet with probe	Nos.	6	Non-Ex
Execution of works under scope & responsibility of the bidder				
21	All associated works Civil, Electrical, HVAC, MGPS, IT, fire fighting etc. mentioned under the scope & responsibility of the bidder	LS	1	NA
22	Air conditioning works	Ton	15	NA
Manpower				
23	Providing for one trained and experience manpower for supervision and maintenance of MOT Equipment	person	1	NA
Schedule B- BOQ for Integration & Data Management System				
SN.	Item Description	Unit	Qty	Remarks/MAF- Ex/ NON-Ex/NR
1	Scope of Bidders (As per tender specs) All works including cabling, patch panels, scalars, transducers, etc hardware & software for meeting the tender requirements	LS	1	NR
2	Monitors: (As per tender specs)			
A	55 inch or more Medical Grade Monitor (flushed in MOT Wall with frame) 4K UHD (one no. each in other Integration OTs)	Nos.	8	Non-Ex

B	Ceiling boom arm to mount 32" monitor (it will be ordered if required by the Institute while Planning but considered for L1 ranking purpose)	Nos.	1	Non-Ex
3	Audio Video Communication System - as per tender Specification	Nos.	8	Ex
4	Control System cum Digital Documentation System - as per tender specification	Nos.	8	Ex
5	Monitoring and Integration Server Room Requirement (As per tender specification)			
A	42 inch Monitor	Nos.	1	NR
B	30 TB Online Storage	Nos.	1	NR
6	Live Video Streaming	Ls	1	NR
7	Trolley Based VC System	No.	1	NR
8	Camera inside OT	Nos.	8	NR
9	OT Light with monitor and 4 k camera	Nos.	8	Ex
D	Medical Grade Recording System	Nos.	8	Ex
10	Mobile OT light	Nos.	1	Ex
11	OT Table High End	Nos.	8	Ex
13	PACS PC compatible all reputed international PACS system	Nos	8	NA
Manpower				
14	Providing for one trained and experience manpower for supervision and maintenance of Integration Equipment	person	1	NA

A. GENERAL POINTS:

1. Warranty:

- a) The bidders must quote for Comprehensive Warranty as per Conditions of Contract of the bidding document for complete equipment (Including all spares, labour and third party items) and Turnkey Work (if required) from the date of satisfactory installation, commissioning, trial run, handing over and acceptance of the goods by the User Department.
- b) The warranty charges shall not be quoted separately.
- c) All software and hardware updates should be provided free of cost during Comprehensive Warranty period.
- d) During the Warranty period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

2. After Sales Service:

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

3. Training:

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

4. Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:

- a) The cost of Comprehensive Annual Maintenance Contract (CAMC) which shall include preventive maintenance including testing & calibration as per technical/service/operational manual of the manufacturer, labour and all spares, after satisfactory completion of Warranty period may be quoted for next five years on yearly basis for complete equipment including third party items as per Price Schedule.
- b) The cost of CAMC may be quoted along with GST applicable on the date of Bid Opening.
- c) Cost of CAMC will be added for Ranking/Evaluation purpose on NPB basis.
- d) Before commencement of CAMC period, the suppliers shall furnish a Performance Bank Guarantee for 2.5% of the cost of the equipment (as per Performa given in bidding document) valid till 3 months extra after expiry of entire CAMC period. The Performance Bank Guarantee for CAMC will be applicable in case of equipment cost is more than Rs.10 lakh.
- e) All **software/hardware** updates should be provided free of cost during CAMC. In case of failure by the supplier, the Bank Guarantee of CAMC will be forfeited.

- f) The payment of CAMC will be made on half yearly basis after satisfactory completion of said period duly certified by end User.
- g) During the CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

5. Uptime & Downtime Penalty Clause:

- a) The firm should provide uptime guarantee of 95% during warranty period and CAMC period.
- b) During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

6. Turnkey Work:

Turnkey Work is to be indicated in the Technical Specification wherever required. The Bidder shall examine the existing site where the equipment is to be installed, in consultation with User Department. The Bidders are required to quote separately for the equipment and Turnkey Work as per Price Schedule. The Turnkey Work costs may be quoted in Indian Rupee and the same will be added for Ranking Purpose.

The Turnkey Work should completely comply with AERB requirement, wherever required.

7. NOTE:

The bidder shall categorize all items proposed to be supplied to the client under the following heads:

1. Main Equipment
2. Accessories
3. Spares
4. Consumables

A separate detailed list of items under each of the above categories shall be submitted along with the bid. The bidder must also attach a supporting document on the company's letterhead.

The coverage of the above categories under Warranty and Comprehensive Annual Maintenance Contract (CAMC) shall be strictly as per the tender terms and conditions.

Any item required for the functioning of the equipment but not included in the above categorization shall be provided free of cost by the successful bidder to the client.

a. Any hardware or software required for seamless integration of the supplied items with hospital network or ecosystem to be provided free of cost.

b. Regular QA tests as mandated by the regulatory authorities to keep the unit operational to be covered by the vendor during warranty and CAMC period.

c. Obsolescence, outdating or non-availability of any hardware, software, accessories or any other component supplied by the vendor should be covered under warranty and CAMC and to be replaced free of cost.

Section – IX
Qualification Criteria

1. The Bidder should be a Manufacturer or its authorized Agent: Eligible bidders quoting as an Indian Agent (ref. GIT clause 14, Indian Agents) should submit a mandatory letter of authority from the Foreign Principal / Manufacturer, with name of manufacturing company for major products quoted by them as per given format as detailed below.
2. The Eligible bidder should have in the last seven (07) years prior to the closing of bid submission, successfully executed same/ similar Order for work on Supply, Installation, Testing & Commissioning (SITC) basis related to MOT with Integration combine work as a prime Contractor at Govt. Hospital/ Institutions of National Importance or at any reputed Hospitals/ Institutes

- (a) Three similar completed works each costing not less than 40% of the estimated cost put to tender, or
- (b) Two similar completed works each costing not less than 60% of the estimated cost put to tender, or
- (c) One similar completed work costing not less than 80% of the estimated cost put to tender.

Note: The copies of order(s) along with the completion certificate(s) indicating that the specified order(s) have been completed are to be submitted with technical bid. The value of such executed order(s) shall be brought to the current costing level by enhancing the actual value of order(s) at simple rate of 7% per annum, computed from the date of completion of such execution to the last date of receipt of tenders. Cost of work shall mean gross value of the completed work including the cost of materials supplied by the Govt./Client, but excluding those supplied free of cost. This should be certified by the competent authority of the End-User/Consignee. It is compulsory to submit Completion Certificate(s) & Complete Order Copy in this regard otherwise Bid may be summarily rejected.

3. The average annual financial turnover of 'The bidder' during the last three years, ending on 2026, should be at least 30% of the Tender estimated value (or equivalent in foreign currency at the exchange rate prevalent on 'The Relevant Date') as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/ Cost Accountant in India or equivalent in relevant countries."

The required contract values and turn-over to meet the qualification criteria for the tendered works is further tabulated as below:

Item Description	Qty. (Nos.)	Estimated Cost (In Rs)	Turnover (In Rs) @30% of the Estimated Cost	Value of 03 Individual Orders Value (In Rs) @40% of the Estimated Cost	Value of 02 Individual Orders Value (In Rs) @60% of the Estimated Cost	Value of 01 Individual Orders Value (In Rs) @80% of the Estimated Cost
Modular Operation Theatres with Integration and Data Management System	8	19,00,00,000/-	5,70,00,000/-	7,60,00,000/-	11,40,00,000/-	15,20,00,000 /-

4. The net worth of the bidder firm (manufacturer or principal of authorized representative) should not be negative on the date of tender opening and should have not eroded by more than 30% in the last three year, ending on the march 2026.
5. 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 10 Crore, 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.**Only Class-I and Class-II Local suppliers as per MII order dated 16.02.2021 and its susequent amendment thereof (Annexure-I) will be eligible to bid. Non - Local suppliers as per MII order dated 16.02.2021(Annexure-I) are not eligible to participate.** In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
6. 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 23.03.2012issued 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.
7. 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.
8. The Purchaser may ask for a sample to be sent for approval within 07 days from the date of issuance of Notification of Award/Contract, before delivery of bulk manufacturing/supplies of goods.
9. Price must be quoted in INR only.
10. 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.

For the following major items, Manufacturer's Authorization should be submitted as per format at Section XIV A :

1. Wall Paneling System
2. Ceiling Paneling System

3. Laminar Air Flow System
4. OT Pendants (Anaesthetist and Surgeon)
5. OT light with Camera
6. HD Camera
7. OT Table
8. Data Integration/ OT Integration

For the following items, Manufacturer's Authorization should be submitted as per format at Section XIV-B:

1. Hermetically Sealed Doors
2. Isolation Panel System (IPS)
3. Online UPS

Notes:

In support of 2 (a), the bidder shall furnish Performance statement in the enclosed Proforma 'A'.

The bidder shall furnish Satisfactory Performance Certificate in respect of above (i.e. Section IX, Qualification Criteria of TED) in case not from India, duly translated in English and duly endorsed by country's Embassy present in India, along with the tender.

1. The bidder shall furnish a brief write-up, along 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.
2. 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.
3. 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)

GTE No. : _____

Date of Bid Opening : _____

Name and address of the Bidder : _____

Name and address of the Manufacturer : _____

Order placed by (full address)	Order no. and date ##	Description (Model no.) and quantity	Value of order (Rs.)	Consignee	Date of Delivery Period			Have the goods been functioning satisfactorily (attach documentary proof)**
					Contract	Actual	Reasons for Delay if Any	
1	2	3	4	5	6	7	8	9

We hereby certify that the details of all orders received in last 5 years, as applicable, of quoted equipment (including AIIMS, PGIMER, JIPMER, RML Hospital, Safdarjung Hospital, Institute of National importance) has been furnished. We hereby further 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 Bid Security.

Name_____

Business Address_____

Signature of Bidder_____

Place: _____

Seal of the Bidder_____

****** The documentary proof will be a latest certificate from the consignee/end user with cross-reference of order no. and date

The bidders are requested to submit the purchase order copies for the specific model quoted along with the Techno-commercial Bid.

PROFORMA 'B'**{On Non-Judicial Rs. 100/- Stamp paper duly Notarized}****AFFIDAVITE FOR LAND BORDER SHARING DECLARATION***(Reference: Restrictions under Rule 144 (xi) of the General financial Rule (GFRs), 2017)*

Date:

Tender Ref. no. (Tender ID):

Name of the Tendered Item :.....

Name of the Bidder:.....

Quoted Model:.....

Name & Address of Original Equipment Manufacturer of quoted model:

i) Actual Manufacturing Site:

ii) Legal Manufacturing Site:

It is hereby declared that in line with Order no. F.7/10/2021-PPD (1) (Public Procurement No. 4) dated 23.02.2023 issued by MoF, Govt. of India read with it's subsequent amendments regarding restrictions on procurement from a bidder of a country which shares a land border with India, We hereby confirm the following:

i) We, M/s.(Name of the Bidder) have read the above order and; I certify that our company (as a bidder), our Manufacturer's Authorization firm M/s.(if applicable) and the quoted item against the above tender:

☐ is not from such country OR not a subsidiary of an entity from such country or,

☐ if from such a country, has been registered with the Competent Authority (if applicable, registration from Competent Authority is to be enclosed).

I hereby certify that our company (as a bidder) fulfills all criteria of the above order {Order no. F.7/10/2021-PPD (1) (Public Procurement No. 4) dated 23.02.2023} read with it's subsequent amendment(s) and is eligible to be considered.

ii) We have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that we (as a bidder) and our quoted item against the above tender do not have any ToT arrangement requiring registration with the Competent Authority.

The information provided above are true and we understand that any deviation, if found, the procuring entity has right to initiate legal action against us including debarment/blacklisting.

Seal & Signature

Name & Designation of Authorized signatory:
(As per Power of Attorney provided in the tender)

Place & Date:

Note: It is to ensure that no tampering is permissible in the above format.

SECTION – IX

BID FORM

To
CEO
HLL Infra Tech Services Limited
B-14A, Sector-62
Noida – 201307

Ref. Your TE No. _____ due for opening on _____

We, the undersigned have examined the above mentioned bidding document, including amendment/corrigendum (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ in conformity with your above referred document for the sum as shown in the Price Schedules attached herewith and made part of this bid. If our bid is accepted, we undertake to supply the goods and perform the services as mentioned in the bidding documents, in accordance with the delivery schedule specified in the List of Requirements.

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

We agree to keep our bid valid for acceptance as required in the “General Instruction to Bidders”, read with modification, if any in “Special Instructions to Bidders”, Section – III or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this bid up to the aforesaid period and this bid may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this bid 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 bid you may receive against your above-referred advertised tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.

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

“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 bid security.”

Name_____

Business Address_____

Place: _____

Signature of Bidder_____

Date: _____

Seal of the Bidder_____

SECTION - X
PRICE SCHEDULE

Price to be filled in the relevant field strictly as per the Price Bid Format provided in the e-tender portal '<https://etenders.gov.in/eprocure/app>' under the Tender ID as per terms of the tender enquiry.

The instructions mentioned in the Price Bid Format are to be read and followed by the participating bidders while filling the Price Bid.

SECTION – XI

BANK GUARANTEE FORM FOR BID SECURITY

Whereas _____(Name and address of the Bidder)

(Hereinafter called the "Bidders")

Has submitted its Bid dated _____for the supply of

(Hereinafter called the "Bid")

Against the purchaser's ATE No. _____

Know all persons by these presents that we _____having
our registered office at _____

(Hereinafter called the "Bank")

Are bound unto HLL Infra Tech Services Ltd., Noida (for and on behalf of AIIMS)

(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 Bidder withdraws or amends, impairs or derogates from the bid in any respect within the period of validity of this Bid.
- 2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of its validity:-
 - a. if the bidder fails or refuses to furnish the performance security for the due performance of the contract or
 - b. if the bidder fails or refuses to accept/execute the contract or
 - c. if it comes to notice at any time, that the information/documents furnished in its Bid are false or incorrect or 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 more the three conditions, specifying the occurred condition(s).

This guarantee will remain in force upto_____*(insert date of additional forty-five days after Bid validity)* and any demand in respect thereof should reach the Bank not later than the above date.

(Signature with date of the authorized officer of the Bank)

(Name and designation of the Officer)

(Seal, name & address of the Bank and address of the Branch)

SECTION XII

MANUFACTURER'S AUTHORISATION FORM

The CEO
HLL Infra Tech Services Limited
B-14A Sector-62
Noida, Uttar Pradesh-201307

Dear Sir,

Ref: Your TE document No _____ dated _____

We, _____ who are proven and reputable manufacturers of _____ (*name and description of the goods offered in the bid*) having factories at _____, hereby authorise Messrs _____ (*name and address of the agent*) to submit a bid, 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 bid 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 bid, 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, CAMC 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 authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

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 and designation]
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.

SECTION – XIII

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/CAMC SECURITY

WHEREAS _____(Name and address of the supplier) (Hereinafter called “the supplier”)

has undertaken, in pursuance of Purchase Order/ Contract no _____
dated _____to supply _____(*insert description of goods and services*)
(Hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized 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 _____(*insert 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 will remain in force upto _____(*insert date of additional Ninety days after completion of satisfactorily warranty period in case of Performance Security and additional Ninety days after completion of satisfactorily CAMC period in case of CAMC security*) and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature with date of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

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

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
(Insert Name of concerned Centre/Hospital/Department/Section)
ANSARI NAGAR, NEW DELHI-110 029

Contract No _____ dated _____

To _____

(insert name of Supplier with address)

This is in continuation to this office's Notification of Award No _____ dated _____

1. Name & address of the Supplier: _____
2. ATE No of Bidding Documents: _____ and subsequent Amendment No _____, dated _____ (if any), issued by the Purchaser
3. Supplier's Bid No _____ dated _____ and subsequent communication(s) No _____ dated _____ (if any), exchanged between the supplier and the purchaser in connection with this Bidding Document.
4. In addition to this Contract Form, the following documents etc, which are included in the Bidding 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) Bid Form furnished by the supplier;
 - (vii) Price Schedule(s) furnished by the supplier in its Bid;
 - (viii) Manufacturers' Authorisation Form (if applicable);
 - (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 Bidders" of the Bidding 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

Any other additional services (if applicable) and cost thereof: _____
Total value (in figure) _____(In words) _____

- (ii) Delivery schedule: _____
(iii) Details of Performance Security required: _____
(v) Destination and dispatch instructions: _____
(vi) Consignee: _____

6. Warranty clause:

7. Payment terms:

(Signature, name and designation of the Purchaser authorised official)
For and on behalf of Director, AIIMS

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 _____
(Insert Name and address of the supplier)

(Seal of the Supplier)

Date: _____

Place: _____

CONTRACT FORM – B**CONTRACT FORM FOR COMPREHENSIVE ANNUAL MAINTENANCE**
CONTRACT(CAMC)

Comprehensive Annual Maintenance Contract No. _____

Dated _____

Between

Director, AIIMS

And

(insert Name & Address of the Supplier)

Reference: Contract/ Purchase Order No. _____ dated _____ for supply, installation & commissioning, Training and CAMC of goods & services.

In continuation to the above referred Contract/Purchase Order, the Contract of Comprehensive Annual Maintenance Contract is hereby concluded as under: -

1	2	3	4								5	6
Items Sr. No./ RFx no.	Brief description of goods	Quantity (Nos.)	CAMC Cost for Each Unit year wise in Rs								GST Value in Rs (____%)	Total CAMC Cost for 8 Years with GST (3) X [(4a+4b+4c+4d+4e + 4f+4g+4h) + (8)]
			3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th		
			a	b	c	d	e	f	g	h		

Total value (in figure) _____ (In words) _____

- b) The CAMC 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 CAMC)
- c) The cost of Comprehensive Annual Maintenance Contract (CAMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period as contained in the above referred contract on yearly basis for complete equipment as per contract including Turnkey Work(if any).
- d) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period and other penalty as per contract.
- e) During CAMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/technical/operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 3 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f) All software and hardware updates should be provided without any extra cost during CAMC period.

- g) The Bank Guarantee valid till _____ [(fill the date) 3 months after expiry of entire CAMC 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 XIV of the Bidding Document, along with the signed copy of CAMC within a period of 21 (twenty-one) days of start of CAMC failing which the Performance Security (10% of the contract value) submitted shall be encashed payable to the Purchaser/Consignee.
- h) If there is any lapse in the performance of the CAMC as per contract, the proceeds Annual CAMC Bank Guarantee shall be forfeited and their bad performance will be considered while awarding future contracts.
- i) Payment terms: The payment of CAMC will be made against the bills raised by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the concerned User Department. The payment will be made in Indian Rupees.

(Signature, name and designation of the Store Officer/ASO of the Purchaser)

(Signature, name and designation of the F&CAO of the Purchaser)
For and on behalf of Director, AIIMS

(Seal of the Purchaser)
Date: _____
Place: _____

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 _____
(Insert Name and address of the supplier)

(Seal of the Supplier)
Date: _____
Place: _____

Note:- The contract will be prepared on Non-judicial Stamp paper (currently of value of Rs. 100).

SECTION – XV

CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorized representative)

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

- 1) Contract/Purchase Order No. & date:_____
- 2) Supplier's Name:_____
- 3) Consignee's Name & Address: _____
- 4) Name of the item supplied:_____
- 5) Quantity Supplied:_____
- 6) Date of Receipt by the Consignee:_____
- 7) Signature of Authorized Representative of Consignee with date:_____
- 8) Name and designation of Authorized Representative of Consignee: _____
- 9) Seal of the Consignee: _____

SECTION – XVI

CONSIGNEE ACCEPTANCE CERTIFICATE

(To be given by consignee's authorized representative)

This is to certify that the goods as detailed below have been received in good conditions along with all the standard and special accessories in accordance with the contract. The same has been installed and accepted.

- 1) Contract/Purchase Order No. & date: _____
- 2) Supplier's Name: _____
- 3) Consignee's Name & Address: _____
- 4) Name of the item Supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Date of Installation/Commissioning and Acceptance of Equipment: _____
- 8) The supplier has fulfilled its contractual obligations satisfactorily

OR

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

- i)
- ii)
- iii)
- iv)
- 9) The amount of recovery on account of failure of the supplier to meet his contractual obligations is _____ (here indicate the amount).
- 10) Signature of Authorized Representative of Consignee with date: _____
- 11) Name and designation of Authorized Representative of Consignee: _____
- 12) Seal of the Consignee: _____

ANNEXURE-A
(Format of Integrity Pact)
PRECONTRACTINTEGRITY PACT

This pre-bid/precontract Agreement (hereinafter called Integrity Pact) is made on.....day of(month & year) between HLL Infra Tech Services Ltd. [HITES], a Government of India Enterprise with Corporate office at B-14A, Sector-62, Noida, Gautam Budh Nagar, U.P.- 201307, India. (Hereinafter called "HITES", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Party.

And

M/s _____, a company/ firm/ individual (status of the company), PSU/Partnership/Joint Venture and having its registered office at _____ represented by Shri _____, hereinafter referred to as "The Bidder/Contractor" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns of the Second Part.

WHEREAS HITES proposes to procure, erect/construct/install under laid down organizational procedures, contract/s for____(Name of the work/goods/services) and the Bidder/Contractor is willing to offer against NIT No _____, aforesaid proposal of HITES.

WHEREAS the Bidder/Contractor is a private company/ public company/Government undertaking/ partnership/ consortium/ joint venture company/ Firm/ Individual (status of the Company), constituted in accordance with the relevant law in the matter and the Employer/Buyer is HITES.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to :

Enabling the HITES/Buyer to obtain the desired said (work/ goods/ services) at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and Enabling the Bidder(s)/Contractor(s) to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will

also abstain from bribing and other corrupt practices and the buyer will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereby agree to enter into this Integrity Pact & agree as follows:

Commitments of the HITES

HITES undertakes that no official of the Employer, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Bidder/Contractor, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

HITES will, during the pre-contract stage, treat all the Bidders/Contractors alike, and will provide to all the Bidders/Contractors the same information and will not provide any such information to any particular Bidder/Contractor which could afford an advantage to that particular Bidder/Contractor in comparison to other Bidders/Contractors.

All the officials of HITES will report to the appropriate Authority any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2.0 In case any such preceding misconduct on the part of such official(s) is reported by the Bidder to HITES with full and verifiable facts and the same is prima facie found to be correct by HITES, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by HITES or Independent External Monitor and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by HITES the proceedings under the contract would not be stalled.

3.0 Commitments of the Bidder(s)/Contractor(s)

The Bidder(s)/Contractor(s) commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following :

3.1 The Bidder(s)/Contractor(s) will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Employer, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation/completion of the contract.

The Bidder/Contractor further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of HITES or otherwise in procuring/awarding the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with HITES for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with HITES.

The Bidder(s)/Contractor(s) shall disclose the name and address of agents and representatives and Indian Bidder(s)/Contractor(s) shall disclose their foreign principals or associates.

The Bidder(s)/Contractor(s) shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of HITES or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

The Bidder/Contractor will not collude with other parties interested in the contract to impair the transparency, fairness and progress of

the bidding process, bid evaluation, contracting and implementation of the contract.

The Bidder/Contractor will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

The Bidder/Contractor shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the Employer as part of the business/work relationship, regarding plans, technical proposals, technical know & how and business details, including information contained in electronic data carrier. The Bidder/Contractor also undertakes to exercise due and adequate care lest any such information is divulged.

The Bidder(s)/Contractor(s) commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

The Bidder(s)/Contractor(s) shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

If the Bidder/Contractor or any employee of the Bidder/Contractor or any person acting on behalf of the Bidder/Contractor, either directly or indirectly, is a relative of any of the officers of HITES, or alternatively, if any relative of an officer of HITES has financial interest/stake in the Bidder(s)/Contractor(s) firm (excluding Public Ltd. Company listed on Stock Exchange), the same shall be disclosed by the Bidder/Contractor at the time of filling of tender.

The term 'relative' for this purpose would be as defined in Section 2(77) of the Companies Act 2013.

The Bidder(s)/Contractor(s) shall not lend to or borrow any money from or enter into any monetary dealing sort transactions, directly or indirectly, with any employee of HITES.

The representative of the Bidder(s)/ Contractor(s) signing Integrity

Pact shall not approach the Courts while representing the matters to IEMs and he/she will wait their decision in the matter.

In case of sub-contracting, the bidder/HITES contractor shall take the responsibility of the adoption of IP by the sub-contractor.

4.0 Previous Transgression

The Bidder(s)/Contractor(s) declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect on any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India.

5.0 Earnest Money (Security Deposit)

The provision regarding Earnest Money/Security Deposit as detailed in the Notice Inviting Tender (NIT) and Instruction to Bidders (ITB) section of the Bid Document is to be referred.

5.0 Fall Clause

Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization during the currency of the Contract, the contract price will be automatically reduces with effect from that date for all the subsequent supplies under the Contract and the contract amended accordingly.

6.0 Sanctions for Violations

Any breach of the aforesaid provisions by the Bidder/Contractor or any one employed by it or acting on its behalf shall entitle HITES to take all or any one of the following actions, wherever required:

- (i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the Bidder/Contractor. However, the proceedings with the other Bidder(s)/Contractor(s) would continue.
- (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by HITES and HITES shall not be required to assign any reason thereof.

- (iii) To immediately cancel the contract, if already signed, without giving any compensation to the Contractor. The Bidder/Contractor shall be liable to pay compensation for any loss or damage to HITES resulting from such cancellation/rescission and HITES shall be entitled to deduct the amount so payable from the money(s) due to the Bidder/Contractor.
- (iv) To encash the Bank guarantee, in order to recover the dues if any by HITES, along with interest as per the provision of contract.
- (v) To debar the Bidder/Contractor from participating in future bidding processes of HITES, which may be further extended at the discretion of HITES.
- (vi) To recover all sums paid in violation of this Pact by Bidder(s)/Contractor(s) to any middleman or agent or broker with a view to securing the contract.
- (vii) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by HITES with the Bidder/Contractor, the same shall not be opened/operated.
- (viii) Forfeiture of Performance Security in case of a decision by the Employer to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

HITES will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (viii) of this Pact also on the Commission by the Bidder/Contractor or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder/Contractor), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

The decision of HITES to the effect that a breach of the provisions of this Pact has been committed by the Bidder/Contractor shall be final and conclusive on the Bidder/Contractor. However, the

Bidder/Contractor can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

7.0 Independent External Monitors

HITES has appointed Independent External Monitors (hereinafter referred to as monitors) for this Pact in consultation with the Central Vigilance Commission. At present, the following are the IEMs of HITES:

- a.
- b.

The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently. Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings. The right to access records should only be limited to the extent absolutely necessary to investigate the issue related to the subject tender/contract.

As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform CEO/Chairman, HITES and request CEO/Chairman, HITES to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit recommendations, these recommendations would be in the nature of advice would not be legally binding. Beyond this the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction, to all Project documentation of the Employer including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional

access to his project documentation. The same is applicable to Subcontractor(s). The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor(s) with confidentiality.

HITES will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings as and when required.

The Monitor will submit a written report to the CEO/Chairman, HITES within 8 to 10 weeks from the date of reference or intimation to him by the Employer/Bidder and should the occasion arise, submit proposals for correcting problematic situations.

The word "Monitor" would include both singular and plural.

6.0 Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, HITES or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder/ Contractor and the Bidder/ Contractor shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

7.0 Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the Corporate Office of HITES, i.e. NCR. The arbitration clause provided in the tender document/contract shall not be applicable for any issue/dispute arising under Integrity Pact.

8.0 Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

Changes and supplements as well as termination notice need to be made

in writing.

If the Contractor is a partnership or a consortium or a joint venture, this pact must be signed by all partners of the consortium/joint venture.

9.0 Validity

The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the Employer and the Bidder/Contractor/Seller, including warranty period & Defect Liability period as the case may be, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract. Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intention.

10.0 The Parties hereby sign this Integrity Pact as part of the contract at _____ on _____ and parties concerned are bound by it provisions.

HITES	Bidder/Contractor
Name of the Officer	(Authorised Person)
Designation	(Name of the Person)
	Designation
Place_____	Place_____
Date_____	Date_____
Witness1._____	Witness1._____
(Name and address)	(Name and address)
2._____	2._____
(Name and address)	(Name and address)

Format - I

No claim certificate

(Refer Para 9.5 and 9.10)
(On company letterhead)

To,
(Contract Executing Officer)
Procuring Entity

NO CLAIM CERTIFICATE

Sub: Contract Agreement no. dated for the supply of

We have received the sum of Rs. (Rupees only) in initial payment, and the balance payment due to us for final settlement is Rs. (Rupees only), for the supply ofunder the abovementioned contract agreement, between us and Government of India. We here by unconditionally and without any reservation whatsoever, certify that with this payment, further we shall have no claim whatsoever, of any description, on any account, against Procuring Entity, against afore said contract agreement executed by us. We further declare unequivocally, that with this due payment, we will receive all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.

Yours faithfully,
Signatures of contractor or
officer authorized to sign the contract documents
on behalf of the contractor
(company stamp)

Date:
Place:

APPENDIX – 1

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: 16th September, 2020

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 2, 3, 5, 10 & 13] 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, Order No.P-45021/2/2017-B.E.-II dated 29.05.2019 and Order No.P-45021/2/2017-B.E.-II dated 04.06.2020, hereby issues the revised 'Public Procurement (Preference to Make in India), Order 2017' dated 16.09.2020 effective 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 (iii) 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.

'Class-I local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-I local supplier' under this Order.

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'Class-II local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for *'Class-II local supplier'* but less than that prescribed for *'Class-I local supplier'* under this Order.

'Non - Local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than that prescribed for *'Class-II local supplier'* under 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 *"Class-I 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.

'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. Eligibility of *'Class-I local supplier'*/ *'Class-II local supplier'*/ *'Non-local suppliers'* for different types of procurement

(a) 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 *'Class-I local supplier'*, as defined under the Order, shall be eligible to bid irrespective of purchase value.

(b) Only *'Class-I local supplier'* and *'Class-II local supplier'*, as defined under the Order, shall be eligible to bid in procurements undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, *'Non-local suppliers'* shall also be eligible to bid along with *'Class-I local suppliers'* and *'Class-II local suppliers'*. In procurement of all goods, services or works, not covered by sub-para 3(a) above, and with estimated value of purchases less than Rs. 200 Crore, in accordance with Rule 161(iv) of GFR, 2017, Global tender enquiry shall not be issued except with the approval of competent authority as designated by Department of Expenditure.

(c) For the purpose of this Order, works includes Engineering, Procurement and Construction (EPC) contracts and services include System Integrator (SI) contracts.

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3A. Purchase Preference

(a) 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 'Class-I local supplier' in procurements undertaken by procuring entities in the manner specified here under.

(b) In the procurements of goods or works, which are covered by para 3(b) above and which are divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
- ii. If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I 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 Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.

(c) In the procurements of goods or works, which are covered by para 3(b) above and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- ii. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- iii. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I 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 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

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- (d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

3B. Applicability in tenders where contract is to be awarded to multiple bidders -
In tenders where contract is awarded to multiple bidders subject to matching of L1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- a) In case there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I local suppliers shall be eligible to bid. As such, the multiple suppliers, who would be awarded the contract, should be all and only 'Class I Local suppliers'.
 - b) In other cases, 'Class II local suppliers' and 'Non local suppliers' may also participate in the bidding process along with 'Class I Local suppliers' as per provisions of this Order.
 - c) If 'Class I Local suppliers' qualify for award of contract for at least 50% of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class I Local suppliers' do not qualify for award of contract for at least 50% of the tendered quantity, purchase preference should be given to the 'Class I local supplier' over 'Class II local suppliers' / 'Non local suppliers' provided that their quoted rate falls within 20% margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class I Local suppliers' taken in totality are considered for award of contract for at least 50% of the tendered quantity.
 - d) First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20% margin of purchase preference, subject to its meeting the prescribed criteria for award of contract as also the constraint of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher 'Class-I local supplier', falling within 20% margin of purchase preference, and so on.
 - e) To avoid any ambiguity during bid evaluation process, the procuring entities may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I local supplier' within the broad policy guidelines stipulated in sub-paras above.
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 'local content' requirement to categorize a supplier as 'Class-I local supplier' is minimum 50%. For 'Class-II local supplier', the 'local content' requirement is minimum 20%. Nodal Ministry/ Department may prescribe only a higher

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percentage of minimum local content requirement to categorize a supplier as 'Class-I local supplier'/ 'Class-II local supplier'. For the items, for which Nodal Ministry/ Department has not prescribed higher minimum local content notification under the Order, it shall be 50% and 20% for 'Class-I local supplier'/ 'Class-II local supplier' respectively.

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 '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. 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 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

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- 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 'Class-I local supplier'/ 'Class-II local supplier' 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. Reciprocity Clause

- i. When a Nodal Ministry/Department identifies that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, due to restrictive tender conditions which have direct or indirect effect of barring Indian companies such as registration in the procuring country, execution of projects of specific value in the procuring country etc., it shall provide such details to all its procuring entities including CMDs/CEOs of PSEs/PSUs, State Governments and other procurement agencies under their administrative control and GeM for appropriate reciprocal action.

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- ii. Entities of countries which have been identified by the nodal Ministry/Department as not allowing Indian companies to participate in their Government procurement for any item related to that nodal Ministry shall not be allowed to participate in Government procurement in India for all items related to that nodal Ministry/ Department, except for the list of items published by the Ministry/ Department permitting their participation.
 - iii. The stipulation in (ii) above shall be part of all tenders invited by the Central Government procuring entities stated in (i) above. All purchases on GeM shall also necessarily have the above provisions for items identified by nodal Ministry/ Department.
 - iv. State Governments should be encouraged to incorporate similar provisions in their respective tenders.
 - v. The term 'entity' of a country shall have the same meaning as under the FDI Policy of DPIIT as amended from time to time.
- e. Specifying foreign certifications/ unreasonable technical specifications/ brands/ models in the bid document is restrictive and discriminatory practice against local suppliers. If foreign certification is required to be stipulated because of non-availability of Indian Standards and/or for any other reason, the same shall be done only after written approval of Secretary of the Department concerned or any other Authority having been designated such power by the Secretary of the Department concerned.
- f. "All administrative Ministries/Departments whose procurement exceeds Rs. 1000 Crore per annum shall notify/ update their procurement projections every year, including those of the PSEs/PSUs, for the next 5 years on their respective website."

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 the higher 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.

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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.

13A. In procurement of all goods, services or works in respect of which there is substantial quantity of public procurement and for which the nodal ministry has not notified that there is sufficient local capacity and local competition, the concerned nodal ministry shall notify an upper threshold value of procurement beyond which foreign companies shall enter into a joint venture with an Indian company to participate in the tender. Procuring entities, while procuring such items beyond the notified threshold value, shall prescribe in their respective tenders that foreign companies may enter into a joint venture with an Indian company to participate in the tender. The procuring Ministries/Departments shall also make special provisions for exempting such joint ventures from meeting the stipulated minimum local content requirement, which shall be increased in a phased manner.

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 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

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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 1st 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.



(Rajesh Gupta)
Director

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

Dated 16th 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 / CDSCO
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

- d. 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.

8197 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 Pharmaceuticals
7. Joint Secretary (DPIIT), Member-Convener of Standing Committee of Public Procurement Order
8. Internal Circulation