

TENDER ENQUIRY DOCUMENT

Ref: HITES/PCD/IITKGP/01/18-19

For Procurement of Medical Equipment & Accessories

For and on behalf of
Dr. B.C. ROY INSTITUTE OF MEDICAL SCIENCE & RESEARCH
IIT KHARAGPUR

Through



HLL INFRA TECH SERVICES LIMITED

(Subsidiary of HLL Lifecare Ltd., a Govt. of India Enterprise)

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SECTION I**NOTICE INVITING TENDER (NIT)****Tender Enquiry No.: HITES/PCD/IITKGP/01/18-19****Dated: 26.02.2019**

- (1) Procurement & Consultancy Services Division of **HLL Infra Tech Services Limited (HITES)**, a fully owned subsidiary of HLL Lifecare Ltd. (HLL), on behalf of The Director, Indian Institute of Technology Kharagpur, invites e-tenders, from eligible and qualified tenderers for procurement of following Medical Equipment & Accessories for Dr. B.C. Roy Institute of Medical Science & Research IIT Kharagpur.

Sl. no.	Item Name	Qty.	Earnest Money Deposit	Tender processing fee incl. GST @18%
Lot - A (Event/RFx- 3000003852)				
1	Dental Chair	2	₹ 37,200	₹ 2,195
2	Dental X-ray	1		
3	Light Cure Unit	2		
4	Dental Autoclave	2		
5	Micromotor with accessories	2		
6	Intra Oral Camera	1		
Lot - B (Event/RFx- 3000003853)				
1	Videolaryngoscopy System	1	₹ 32,400	₹ 1,912
2	ENT Examination chair	1		
3	Otoscope	4		
4	Head Light-ENT	1		
5	Tympanometer (Children)	2		
Lot - C (Event/RFx- 3000003854)				
1	Snellen Chart/Drum with remote	2	₹ 65,200	₹ 3,847
2	Trial Lens set with frames	2		
3	Log Mar Vision charts	2		
4	Farnsworth Munsell 100 Hue Test	2		
5	Streak retinoscope	2		
6	Slit lamp with applanation tonometer	1		
7	Digital Lensometer	2		
8	Keratometer/Ophthalmometer Manual	2		
9	Synoptophore	1		
10	Frenzel prism Bar	2		
11	Tonopen	1		
12	Diagnostic lenses	3		
13	Autorefractometer	1		
14	Auto Ref Keratometer	1		
15	Ophthalmoscope	4		

Lot- D (Event/RFx- 3000003855)				
1	Sphygmomanometer Aneroid - Portable	20	₹ 15,700	₹ 1,180
2	BMI Analyzer	2		
3	Portable Suction Appartus	5		
4	Handheld Doppler	2		
5	Nebuliser	5		
6	Portable Pulse-Oximeter	2		
7	Examination Table Gynec	2		
8	Crash Trolley	2		
Lot - E (Event/RFx- 3000003856)				
1	Laryngoscope	4	₹ 20,800	₹ 1,227
2	Laryngoscope - Children	2		
3	Proctoscope (Adult)	6		
4	Proctoscope (Paediatric)	4		
5	Doctors Diagnostic kit-Ortho	1		
6	Plaster Cutter	2		
7	Hammer	10		
8	Patient weighing machine-digital	15		
9	Stethoscope	20		
10	Spot light	15		
11	X ray Viewer (LED) 2 Panel	15		
12	Height Scale	15		
13	Glucometer	5		
14	Magnifying Lens with Light	2		
15	Mobile Examination lamp	2		
16	Weighing machine-Pediatrics	2		
17	Infantometer	1		
18	Digital Thermometer	4		
19	Infra-red Thermometer	4		
20	Torch	10		
Lot - F (Event/RFx- 3000003857)				
1	Psychological Tests equipment a) Project tests b) Intelligence Tests c) Personality Tests d) Neuro psychological tests	1	₹ 3,000	₹ 590

Note: Tender processing Fee is inclusive of GST @18% (HITES GSTIN: 09AADCH4882R1ZP)

(2) Tender timeline:

Sl. No.	Description	Schedule
a.	Last date for receipt of Pre-bid queries	Not applicable in this tender
b.	Pre-bid meeting date, time	Not applicable in this tender
d.	Closing date & time for submission of online bids	15.03.2019 @ 12:00 Noon
c.	Closing date & time for submission of tender processing fee and EMD in physical form*	15.03.2019 @ 14:00 PM
e.	Time and date of opening of online bids	15.03.2019 @ 14:30 PM
f.	Venue for :- <ul style="list-style-type: none"> • Submission of tender processing fee, EMD in physical form. • Tender Opening-Tech Bid 	HLL Infra Tech Services Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

* Bidders have to submit Original Bank Instruments for tender processing fee and EMD/ documentary proof for EMD exemption within the above mentioned date and time

2. Interested bidders are advised to download the complete Tender Enquiry document from the websites www.hllhites.com or www.lifecarehll.com or www.eprocure.gov.in/cppp or <https://etender.lifecarehll.com/irj/portal> for complete details.
3. The prospective bidders have to register with the E-procurement system of HLL at <https://etender.lifecarehll.com/irj/portal>. On completion of the registration process, the bidders will be provided user ID and password within 48 hours (excluding non-working days). In order to submit the bids electronically, bidders are required to have a valid Class 3-B Digital Signature Certificate (signing and encryption/ decryption certificates).
4. Bidders are requested to read the bidders help document on e-tender web site link before proceeding for bidding.
5. Post receipt of User ID & Password, Bidders can log on for downloading & uploading tender document.
6. 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, MSME or any other Govt. organisation.
7. The online submission of tender(s) can only be done through <https://etender.lifecarehll.com/irj/portal>
8. Bidders shall ensure that their tender(s), complete in all respects, are submitted online through HLL's e-portal (as described above) only.
9. Tender Processing Fee and Earnest Money Deposit (EMD) in original should be deposited within the scheduled date & time 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.**
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)

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A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. Definitions:

- (i) **“Purchaser”** means Dr. B.C. Roy Institute of Medical Science & Research IIT Kharagpur.
- (ii) **“Tender Inviting Authority”** means HLL Infra Tech Services Ltd., a Consultant authorised for inviting & evaluating tenders, awarding contracts, arranging delivery, installation and making payments to supplier’s bill on behalf of the Purchaser.
- (iii) **“e-Tender”** means Bids / Quotation / Tender received from a Firm / Tenderer / Bidder online.
- (iv) **“Tenderer”** means Bidder/the Individual or Firm submitting Bids/Quotation/e-Tenders.
- (v) **“Supplier”** means the individual or the firm supplying the goods and services as incorporated in the contract.
- (vi) **“Goods”** means the articles, material, commodities, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, industrial plant etc. which the supplier is required to supply to the purchaser under the contract.
- (vii) **“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.
- (viii) **“Earnest Money Deposit” (EMD)** means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- (ix) **“Contract”** means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (x) **“Performance Security”** means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- (xi) **“Consignee”** means the Hospital/Institute/Medical College/ person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of despatch to another person as provided in the Contract then that “another” person is the consignee, also known as ultimate consignee.
- (xii) **“Specification”** means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xiii) **“Inspection”** means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- (xiv) **“Day”** means calendar day.
- (xv) **“Local supplier”** means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed under this Order or by the competent Ministries/ Departments in pursuance of this order.
- (xvi) **“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.
- (xvii) **Margin of purchase preference’** means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

1.3 Abbreviations:

- (i) **“TE Document”** means Tender Enquiry Document
- (ii) **“NIT”** means Notice Inviting Tenders.
- (iii) **“GIT”** means General Instructions to Tenderers

- (iv) "SIT" means Special Instructions to Tenderers
- (v) "GCC" means General Conditions of Contract
- (vi) "SCC" means Special Conditions of Contract
- (vii) "DGS&D" means Directorate General of Supplies and Disposals
- (viii) "NSIC" means National Small Industries Corporation
- (ix) "PSU" means Public Sector Undertaking
- (x) "CPSU" means Central Public Sector Undertaking
- (xi) "LSI" means Large Scale Industry
- (xii) "SSI" means Small Scale Industry
- (xiii) "LC" means Letter of Credit
- (xiv) "DP" means Delivery Period
- (xv) "BG" means Bank Guarantee
- (xvi) "CD" means Custom Duty
- (xvii) "RR" means Railway Receipt
- (xviii) "BL" means Bill of Lading
- (xix) "FOB" means Free on Board
- (xx) "FCA" means Free Carrier
- (xxi) "FOR" means Free On Rail
- (xxii) "CIF" means Cost, Insurance and Freight
- (xxiii) "CIP (Destinations)" means Carriage and Insurance Paid up to named port of destination. Additionally the Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.
- (xxiv) "DDP" means Delivery Duty Paid named place of destination (consignee site)
- (xxv) "INCOTERMS" means International Commercial Terms as on the date of Tender Opening
- (xxvi) "MOH&FW" means Ministry of Health & Family Welfare, Government of India
- (xxvii) "Dte. GHS" means Directorate General and Health Services, MOH&FW.
- (xxviii) "CMC" means Comprehensive maintenance Contract (labour, spare and preventive maintenance)
- (xxix) "RT" means Re-Tender.
- (xxx) "GST" means Goods and Services Tax
- (xxxi) "IITKGP" means Indian Institute of Technology Kharagpur

2. Introduction

- 2.1 The Tender Inviting Authority has issued these TE documents for purchase of goods and related services on behalf of consignee 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 Instruction Tenderers") 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 purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.
- 2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.
- 2.4 Before formulating the tender and submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, etc. contained in the TE documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these TE documents may result in rejection of its tender.

3. Availability of Funds

- 3.1 Expenditure to be incurred for the proposed purchase will be met from the funds available with the purchaser (order issuing authority)/ consignee.

4. Language of Tender

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

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

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. e-TENDER ENQUIRY DOCUMENTS**8. Content of Tender Enquiry Documents**

8.1 In addition to Section I – “Notice inviting e-Tender” (NIT), the TE documents include:

- Section II – General Instructions to Tenderers (GIT)
- Section III – Special Instructions to Tenderers (SIT)
- Section IV – General Conditions of Contract (GCC)
- Section V – Special Conditions of Contract (SCC)
- Section VI – List of Requirements
- Section VII – Technical Specifications
- Section VIII – Qualification Criteria
- Section IX – Tender Form
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- Section XIV – Bank Guarantee Form for Performance Security/CMC Security
- Section XV – Contract Forms A & B
- Section XVI – Proforma of Consignee Receipt Certificate
- Section XVII – Proforma of Final Acceptance Certificate by the consignee
- Appendix A – DIPP – Public Procurement (Preference to Make in India), Order 2017
- Appendix B – Integrity pact

8.2 The relevant details of the required goods and services, the terms, conditions and procedure for tendering, tender evaluation, placement of contract, the applicable contract terms and, also, the

standard formats to be used for this purpose are incorporated in the above-mentioned documents. The interested tenderers are expected to examine all such details etc. to proceed further.

9. Amendments to TE documents

- 9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.
- 9.2 The amendment, if any, shall be uploaded on the designated websites wherever the tender document is published. The prospective bidders are advised to regularly check these websites for amendments, if any.
- 9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

- 10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the Tender Inviting Authority in writing on their letter head duly signed and scanned through email to pcd@hllhites.com and bmenoida@hllhites.com. The Tender Inviting Authority will respond to such request provided the same is received **before the date of prebid meeting. Any queries/ representations received later shall not be taken into cognizance.**

C. PREPARATION OF e-TENDERS

11. Documents comprising the e-Tender

- 11.1 The tender(s) shall only be submitted online as mentioned below:
- (i) Technical Bid (Consisting of Techno-Commercial bids in the prescribed format provided with the tender enquiry along with the supporting documents i.e. scanned copies of Tender Processing Fee, EMD, Eligibility Criteria & Technical Specifications viz. Product Specification Sheets/ Brochures, OEM Certificate, etc.) has to be attached in the C-folder of e-tendering module. Bidders have to ensure that the documents uploaded in pdf format are legible.
 - (ii) Price Bid as prescribed in the e-tender portal has to be submitted in the prescribed format provided with the tender enquiry.

Note:

The Tender Processing Fee and EMD, in favor of HLL Infra Tech Services Ltd, are to be submitted in physical form as per Section - I, Notice Inviting Tender, of this tender enquiry.

A) Bidders shall furnish the following information/documents in the technical tender:

- i) Techno-Commercial Bid as per format provided in the tender enquiry
- ii) Earnest money Deposit (EMD) furnished in accordance with GIT clause 19.1, in favor of **HLL Infra Tech Services Ltd**, alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.
- iii) Tender Form as per Section IX.
- iv) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.

- v) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorization **strictly as per the prescribed format (Section - XIV)**.
- vi) Tender Signing Authority issued by Competent Authority in favour of the person **who is digitally signing/ uploading the tender(s)**.
- vii) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
- viii) Performance Statement as per Section VIII along with relevant copies of orders and end users' satisfaction certificate.
- ix) 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).
- x) Copy of Certificate of Incorporation/Deed of Partnership/or a Declaration in case the firm is being a proprietary firm.
- xi) Copy of GST registration certificate and PAN Card.
- xii) Non conviction /no pending conviction certification issued by Notary on judicial stamp paper for preceding three years.
- xiii) Copies of abridged Annual report of last 03 years (Balance sheet and Profit & Loss Account).
- xiv) A self-declaration 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).
- xv) Copies of original product catalogues/ data sheet must be enclosed of all quoted items.
- xvi) The Integrity pact (at Appendix-B) shall be a part and parcel of this document and has to be signed by bidder(s) at the pre-tendering stage itself, as a pre-bid obligation and should be submitted along with the Techno-Commercial Bids. All bidders are bound to comply with the integrity pact clauses.

B) Price Bid:

Prices are to be quoted in the prescribed Price Bid format provided in the e-tender portal. The price should be quoted for the accounting unit indicated in the e-tender document.

Note:

- (i) The bidder has to be diligent while filling up the Techno-Commercial Bid and Price Bid provided in prescribed formats and must not tamper with the contents of the sheets.
- (ii) It is the responsibility of bidder to go through the TE document to ensure furnishing all required documents in addition to above, if any.
- (iii) *Bidding Manual Attachment Mode* available in the *Bidder Help Documents* of e-tender portal login screen for uploading the Price Bid.

- 11.2 A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.
- 11.3 A bid, which does not fulfill any of the above requirements and/ or give evasive information/reply against any such requirement, shall be liable to be ignored.
- 11.4 Tender sent by fax/telex/cable shall be ignored.

12. Tender currencies

- 12.1 The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees (INR).
- 12.2 For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Japanese Yen. As regards price(s) for allied

services, if any required with the goods, the same shall be quoted in Indian Rupees only (INR), 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.

13 Tender Prices

- 13.1 The Tenderer shall indicate on the Price Schedule provided under Section X all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required.
- 13.2 If there is more than one Event/RFx in the List of Requirements, the tenderer has the option to submit its quotation for any one or more Event/RFx. However, while quoting for an Event/RFx, the tenderer shall quote for the complete requirement of goods and services as specified in that particular Event/RFx.
- 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 all taxes and duties like, Custom Duty and/or GST already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
 - b) GST which will be payable on the goods in India if the contract is awarded;
 - c) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage), Loading & Unloading etc. would be borne by the Supplier from 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 prices of Site Modification Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule.
 - e) The price of annual CMC/AMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.
- 13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:
- a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
 - b) Price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List
 - c) The charges for Insurance (local transportation and storage), custom clearance, forwarding and handling 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. 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 prices of Site Modification Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and

- e) The price of annual CMC/AMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

- 13.5.1 If the Tenderer desires to ask for GST or any other taxes to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.

13.5.2 Local Duties & Taxes, if any applicable:

Normally, goods to be supplied to government departments against government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned government department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the purchaser are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the purchaser. The purchaser should issue the certificate to the supplier within 21 days from the date of receipt of request from the supplier.

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

13.5.3 Customs Duty:

The Purchaser will pay the Custom duty wherever applicable upon actual production of documentary evidence.

13.5.4 Goods and Services Tax (GST):

- a. If a tenderer asks for Goods and Services Tax to be paid extra, the rate and nature of Goods and Services Tax applicable should be shown separately. The Goods and Services Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction is legally liable to Goods and Services Tax and is payable as per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forth-with to the purchaser.
 - b. In case within the delivery period stipulated in the contract, there is an increase in the statutory taxes like GST, Custom Duty, or fresh imposition of taxes which may be levied in respect of the goods and services specified in the contract, reimbursement of these statutory variation shall be allowed to the extent of actual quantum of taxes paid by the supplier. This benefit, however, cannot be availed by the supplier in case the period of delivery is extended due to unexcused delay by the supplier.
 - c. But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and/or GST or any other duty or tax or levy or on account of any other grounds. In case of downward revision in taxes/duties, the actual quantum of reduction must be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.
- 13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.

- 13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.
- 13.8 Unless otherwise specifically indicated in this TE document, the terms FCA, FOB, FAS, CIF, CIP, DDP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERM, published by the International Chamber of Commerce, Paris.
- 13.9 The need for indication of all such price components by the tenderers, as required in this clause (viz., GIT clause 13) is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected tenderer on any of the terms offered.

14. Indian Agent

- 14.1 If a foreign tenderer has engaged an agent in India in connection with its tender, the foreign tenderer, in addition to indicating Indian agent's commission, if any, in a manner described under GIT sub clause 12.2 above, shall also furnish the following information:
- a) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.
 - b) The details of the services to be rendered by the agent for the subject requirement.
 - c) Details of Service outlets in India, nearest to the consignee, to render services during Warranty and CMC period.

15. Firm Price

- 15.1 Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account. Bidders are requested to quote BOQ wise prices as indicated in the price bid format.
- 15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply

16. Alternative Tenders

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

17 Documents Establishing Tenderer's Eligibility and Qualifications

- 17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.
- 17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:
- a) in case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIII in this document.
 - b) in case the tenderer is not doing business in India, it is duly represented by an agent stationed in India fully equipped and able to carry out the required contractual functions and duties of the supplier including after sale service, maintenance & repair etc. of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications.

18. Documents establishing goods Conformity to TE document.

- 18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.
- 18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall list out the same in a chart form without ambiguity and provide the same along with its tender.
- 18.3 If a tenderer furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.

19. Earnest Money Deposit (EMD)

- 19.1 Pursuant to GIT clauses 8.1 and 11.1 A (i) the tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct as amplified under sub-clause 19.7 below.
- 19.2 The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period as Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or with National Small Industries Corporation, shall be eligible for exemption from EMD. In case the tenderer falls in this category, it should furnish copy of its valid registration details (with MSME or NSIC, as the case may be).
- 19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:
- i) Account Payee Demand Draft
 - ii) Fixed Deposit Receipt
 - iii) Banker's cheque and
 - iv) Bank Guarantee
- 19.4 The demand draft or banker's cheque or Fixed Deposit Receipt shall be drawn on any scheduled commercial bank in India or country of the tenderer, in favour of the "**HLL Infra Tech Services Limited**" payable at New Delhi. In case of bank guarantee, the same is to be provided from any scheduled commercial bank in India or country of the tenderer as per the format specified under Section XII in these documents.
- 19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender opening date.
- 19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- 19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

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

20. Tender Validity

20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 120 days (One hundred and twenty days) after the date of tender opening prescribed in the TE document.

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

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

21. Digital Signing of Tender

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

D. SUBMISSION OF TENDERS

22. Submission of e-Tenders

22.1 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**. 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.

23. Late Tender:

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

24. Alteration and Withdrawal of Tender

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. TENDER OPENING

25. Opening of Tenders

- 25.1 The Tender Inviting Authority will open the e-tenders at the specified date and time and at the specified place as indicated in the NIT. In case the specified date of tender opening falls on / is subsequently declared a holiday or closed day for the Tender Inviting Authority, the tenders will be opened at the appointed time and place on the next working day.
- 25.2 Authorized representatives of the tenderers, who have submitted tenders on time, may attend the tender opening provided they bring with them letters of authority from the corresponding tenderers. The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives' names & signatures and corresponding tenderers' names and addresses.
- 25.3 This being a Two-Tender system, the **Techno-Commercial Tenders** are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/ authority with reference to parameters prescribed in the TE document. During the Techno-Commercial Tender opening, the tender opening official(s) will read the salient features of the tenders like brief description of the goods offered, delivery period, Earnest Money Deposit and any other special features of the tenders, as deemed fit by the tender opening official(s). Thereafter, in the second stage, the Price Tenders of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno-Commercial tender.

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

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

27. Scrutiny of Tenders

- 27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished and, whether the documents uploaded are in legible form.
- 27.2 The Purchaser's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence
- 27.3 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders, which do not meet the basic requirements, are liable to be treated as non-responsive and will be summarily ignored.
- 27.4 The following are some of the important aspects, for which a tender shall be declared non-responsive during the evaluation and will be ignored;
- (i) Tender validity is shorter than the required period.
 - (ii) Required EMD or its exemption documents have not been provided.
 - (iii) Tenderer 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.
 - (iv) Poor/ unsatisfactory past performance.
 - (v) Tenderers who stand de-registered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.

- (vi) Tenderer is not eligible as per GIT Clauses 5, 6 & 17.
- (vii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements/ BOQ for the quoted Event/RFx.
- (viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry, like delivery terms, delivery schedule, terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
- (ix) The Integrity pact (at Appendix-B) shall be a part and parcel of this document and has to be signed by bidder(s) at the pre-tendering stage itself, as a pre-bid obligation and should be submitted along with the Techno-Commercial Bids. All bidders are bound to comply with the integrity pact clauses.

28. Minor Informality/Irregularity/Non-Conformity

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

29 Discrepancies in Prices

- 29.1 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
- 29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
- 29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.
- 29.4 If, as per the judgement of the purchaser, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the tenderer by email/surface mail. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. Discrepancy between original and copies of Tender

Not applicable being e-Tender.

31. Qualification Criteria

- 31.1 Bids which do not meet the required Qualification Criteria prescribed in Section VIII, will be treated as non - responsive and will not be considered further.
- 31.2 The Purchaser reserves the right to relax the Norms on Prior Experience for Start-ups and Micro & Small Enterprises in Public Procurement.

The Start-ups are defined in Annexure-A of the "Action Plan for Start-ups in India". The same is available on the website of Department of Industrial policy and Promotion (DIPP), Ministry of Commerce & Industry.

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

32. Conversion of tender currencies to Indian Rupees

In case the TE document permits the tenderers to quote their prices in different currencies, all such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Price Tender' opening.

33. Event/RFX-wise Evaluation

In case the List of Requirements contains more than one Event/RFX, the responsive tenders will be evaluated and compared separately for each Event/RFX. The tender for a Event/RFX will not be considered if the complete requirements prescribed in that Event/RFX are not included in the tender.

34. Comparison of Tenders

Unless mentioned otherwise in Section – III – Special Instructions to Tenderers and Section – VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Free Delivery at consignee site basis. The quoted Turnkey/Site Modification Work charges and CMC Charges will also be added for comparison/ ranking purpose for evaluation. **“Net Present value (NPV) of the actual CMC price quoted for the required CMC period after the warranty period shall be considered for bid comparison and the NPV will be calculated after discounting the quoted CMC price by a discounting factor of 10% per annum.”** However, the payment of CAMC shall be made to the successful bidder at approved actual rates.

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

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

- i) In the case of goods manufactured in India or goods of foreign origin already located in India, GST or any other taxes which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and
- ii) in the case of goods of foreign origin offered from abroad, customs duty, Cess, IGST and any other import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

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

35.3 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 tenders.

35.4 **Preference to Make in India:** As per the order issued by Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-BE-II dated 15.06.2017; the purchaser reserves the right to give preference to the local supplier. A copy of this order is enclosed at **Appendix-A** which will form a part of this TED for evaluation and ranking of bids. A local supplier (definition of 'local supplier' is given in clause 2 of the aforesaid order of DIPP) has to submit the following along with their tender(s) failing which their bid will be evaluated without considering such preference mentioned in the DIPP order dated 15.06.2017:

- a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
- b. In cases of procurement for a value in excess of Rs. 10 crores. the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered

accountant (in respect of suppliers other than companies) giving the percentage of local content.

The DIPP has notified a Public Procurement (Preference to Make in India) Order, 2017 vide Order no P-45021/2/2017-B.E-II dated 15th June 2017 (Annexure -1). The procurement policy for Micro & Small Enterprises 2012 has been notified under MSMED Act, 2006 (Annexure 2). The orders mandate that purchase preference shall be given to local suppliers and MSEs in all procurement undertaken by procuring entities. General principles as per above orders and criteria fixed by MoHFW shall be followed for various scenarios for award of contract. Accordingly, the criteria of award of contract will be as under:

- a) In procurement of goods where there is sufficient local capacity and local competition and where the estimated value of procurement is Rs.50 lakhs or less, only local suppliers shall be eligible.
 - b) If the estimated value of procurement of goods is more than Rs.50 lakhs and which are divisible in nature, the following procedure would apply:
 - I. In case L1 firm is a local supplier:
 - i) The L1 bidder will be awarded full quantity or 80% quantity in case MSEs quotes are within margin of price preference and also accepts L-1 prices.
 - ii) MSME bidders falling under the margin of purchase preference would be awarded upto 20% of the tendered quantity subject to matching the L-1 rate.
 - II. In case L1 firm is not a local supplier:
 - i) 50% of the tender quantity shall be awarded to L1 bidder. Thereafter, the lowest bidder among the local suppliers, will be awarded remaining 50% quantity subject to the local supplier's quoted prices falling within margin of price preference and match the L1 price. In case such lowest eligible local supplier fail to match the L-1 price or accept less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L-1 price for remaining quantity and so on, and contract shall be awarded accordingly.
 - ii) The MSME bidders falling under Purchase Preference would be awarded 20% of the tendered quantity subject to matching the L-1 price.
 - (c) If the estimated value of procurement of goods is more than Rs.50 lakhs and which are not divisible, the following procedure would apply:
 - i). Among all qualified bids, the lowest bid will be termed as L-1. If L-1 is from a local supplier, the contract will be awarded to L-1.
 - ii). If L-1 is not from local supplier, the lowest bidder among the local suppliers, will be invited to match the L-1 price subject to local supplier's quoted prices falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L-1 price.
 - iii). In case such lowest eligible local supplier fails to match the L-1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L-1 price and so on and contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference matches the L-1 price then the contract may be awarded to L-1 bidder.
2. Minimum Local Content: A supplier shall be considered as local supplier provided the minimum local content of the offered item is 50%.
 3. Margin of Purchase Preference: The margin of purchase preference shall be 20%.
 4. Manufacture under license/technology collaboration agreements with phased indigenization are exempted 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

5. Verification of local content
 - a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
 - b. In cases of procurement for a value in excess of Rs. 10 crores, the local supplier shall require 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 the procuring entity.
 - d. A constituted committee with internal and external experts will examine for independent verification of self-declarations and auditor's/accountant's certificates on random basis and in the case of complaints.
 - e. A fees of Rs.10,000/- in the form of demand draft favoring CFO (HLL Infratech Services Limited), payable at New Delhi, is required to be deposited with complaints for verification of local content.
 - f. False declarations will be 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.
 - 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.

36. Tenderer's capability to perform the contract

- 36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one Event/RFx in the List of Requirements, then, such determination will be made separately for each Event/RFx.
- 36.2 The above-mentioned determination will, interalia, take into account the tenderer's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. Contacting the Purchaser

- 37.1 From the time of submission of tender to the time of awarding the contract, if a tenderer needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.
- 37.2 In case a tenderer attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the tenderer shall be liable for rejection in addition to appropriate administrative actions being taken against that tenderer, as deemed fit by the purchaser.

G. AWARD OF CONTRACT

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

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

39. Award Criteria

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

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

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

40.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase by up to twenty five (25) per cent, the quantity of goods and services mentioned in the contract (rounded 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.

41. Notification of Award

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

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

42. Issue of Contract

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

42.2 Within twenty one days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the Purchaser/Consignee by registered/speed post. The successful tenderer should also submit Proforma Invoice from the foreign principal (if applicable as per contractual price) within 21 days from the date of NOA.

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

43.1 Failure of the successful tenderer in providing performance security, Proforma Invoice and / or returning contract copy duly signed in terms of GIT clauses 41 and 42 above shall make the tenderer liable for forfeiture of its EMD and, also, for further actions by the Purchaser/Consignee against it as per the clause 24 Termination of default of GCC under Section IV.

44. Return of EMD

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

45. Publication of Tender Result

45.1 The name and address of the successful tenderer(s) receiving the contract(s) will be mentioned in the Website of the HITES.

46. Corrupt or Fraudulent Practices

46.1 It is required by all concerned namely the Consignee/Tenderers/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. 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 any thing of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;

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

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

SECTION - III**SPECIAL INSTRUCTIONS TO TENDERERS (SIT)**

Sl. No.	GIT Clause No.	Topic	SIT Provision	Page No.
A	1 to 7	Preamble	No Change	
B	8 to 10	TE documents	No Change	
C	11 to 21	Preparation of Tenders	No Change	
D	22 to 24	Submission of Tenders	Extra information	17
E	25	Tender Opening	No Change	
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	
G	38 to 45	Award of Contract	Extra Information	24

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

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

Price to be quoted in INR only for all the goods against any events/RFx, irrespective of, conditions for imported items adapted in this Tender Enquiry Document.

SECTION - IV
GENERAL CONDITIONS OF CONTRACT (GCC)

TABLE OF CLAUSES

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1. Application

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

2. Use of contract documents and information

- 2.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract or any provision thereof including any specification, drawing, sample or any information furnished by or on behalf of the purchaser in connection therewith, to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this TE document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.
- 2.2 Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.
- 2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

3. Patent Rights

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

4. Country of Origin

- 4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- 4.2 The word "origin" incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.
- 4.3 The country of origin may be specified in the Price Schedule

5. Performance Security

- 5.1 Within twenty one (21) days from date of the issue of notification of award by the Purchaser/ Consignee, the supplier, shall furnish performance security to the Purchaser/ Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days beyond the date of completion of all contractual obligations by the supplier, including the warranty obligations, which is initially valid for a period of minimum six months plus number of months under warranty from the date of Notification of Award.
- 5.2 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:
It shall be in any one of the forms namely 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/Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty (60) days beyond the Warranty period.
- 5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per

Proforma in Section XIV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.

- 5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.
- 5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the 'Contract Form – B' in Section XV with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.
- 5.6 Subject to GCC sub-clause 5.3 above, the Purchaser/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations, extension of time (with or without Liquidated Damages) & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Hospital/ Institute/ Medical College of the consignee 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 to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections VII and VIII of this document.

7. Packing and Marking

- 7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.
- 7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VII and VIII and in SCC under Section V. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.
- 7.3 Packing instructions:
Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections VII and VIII and in SCC under Section V, the supplier shall make separate packages for each consignee (in case there is more than one consignee mentioned in the contract) and mark each package on three sides with the following with indelible paint of proper quality:
- a. contract number and date
 - b. brief description of goods including quantity
 - c. packing list reference number
 - d. country of origin of goods
 - e. consignee's name and full address and
 - f. supplier's name and address

8. Inspection, Testing and Quality Control

- 8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. "The cost towards the transportation, boarding and lodging will be borne by the purchaser and/or its nominated representative(s) for the first visit. In case the goods are rejected in the first instance and the supplier requests for re-inspection, and if same is accepted by purchaser/consignee/PSA/PA, all subsequent inspections

shall be at the cost of the supplier. The expense will be to and fro Economy Airfare, Local Conveyance, Boarding and Lodging of the inspection team for the inspection period.”

- 8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser’s inspector at no charge to the purchaser.
- 8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser’s inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser’s inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier’s premises, the supplier shall put up the goods for such inspection to the purchaser’s inspector well ahead of the contractual delivery period, so that the purchaser’s inspector is able to complete the inspection within the contractual delivery period.
- 8.5 If the supplier tenders the goods to the purchaser’s inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.
- 8.6 The purchaser’s/consignee’s contractual right to inspect, test and, if necessary, reject the goods after the goods’ arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser’s inspector during pre-despatch inspection mentioned above.
 “On rejection, the supplier shall remove such stores within 14 days of the date of intimation of such rejection from the consignee’s premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser/consignee may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser/consignee may decide or dispose of such goods at the suppliers risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for.”
- 8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser’s/consignee’s right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause 15.
- 8.8 Principal/ Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV prior to despatch at the supplier’s cost and furnish necessary certificate from the said agency in support of their claim.

9. Terms of Delivery

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

10. Transportation of Goods

- 10.1 Instructions for transportation of imported goods offered from abroad:
 The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under CIP (Named port of destination) terms; the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country through India’s forwarding agents/coordinators. In case the forwarding agent/coordinators are unable to provide

timely adequate space in Indian flag vessel or by vessels belonging to the conference lines, the supplier shall arrange shipment through any available vessel to adhere to the delivery schedule given in the contract.

In case of airlifting of imported goods offered from abroad, the same will be done only through the National Carrier i.e. Air India wherever applicable. In case the National Carrier is not available, any other airlines available for early delivery may be arranged.

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

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

11. Insurance:

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

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

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at 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/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
- b) In case the production of the spare parts is discontinued:
 - i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii) The supplier shall be responsible for undertaking the supply of any such spare part for the proper up keeping of equipment for a period of 10 years including the warranty and CMC periods.

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the goods so that the same are used during warranty and CMC period.

13. Incidental services

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

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

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

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

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

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

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

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Two copies of packing list identifying contents of each package;
- (iii) Certificate of origin for goods of foreign origin;
- (iv) Insurance Certificate as per GCC Clause 11.
- (v) Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

Within 24 hours of despatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract). Any delay or demurrage occurred during the customs clearance on account of the non-availability of technical support/ clarifications /documents from the supplier shall be borne by the supplier:

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

- (vii) Certificate of origin
- (viii) Port of Loading;
- (ix) Port of Discharge and
- (x) Expected date of arrival.

15. Warranty:

- 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.
 - The warranty shall remain valid for a period as mentioned in the 'list of requirement' at section VI from the date of installation & commissioning with a regular updates of newer technology as and when evolved followed by a CMC/AMC for all the equipment after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser/ consignee in terms of the contract, unless specified otherwise in the SCC.
 - No conditional warranty will be acceptable.
 - Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Site Modification work and it will also cover the following wherever applicable:-
 - Any kind of motor.
 - Plastic & Glass Parts against any manufacturing defects.
 - All kind of sensors.
 - All kind of coils, probes and transducers.
 - Printers and imagers including laser and thermal printers with all parts.
 - UPS including the replacement of batteries.
 - Air-conditioners
 - Replacement and repair will be under taken for the defective goods.
 - All kinds of painting, civil, HVAC and electrical work
 - Proper marking has to be made for all spares for identification like printing of installation and repair dates.
- 15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.
- 15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non-rectification will be applicable as per tender conditions
- 15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended till the completion of the original warranty period of the main equipment.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

- 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods
- 15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipment/machines/ goods etc. and shall always give the most competitive price for its machines/equipment supplied to the Purchaser/Consignee.

16. Assignment

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

17. Sub Contracts

- 17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.
- 17.2 Sub contract shall be only for bought out items and sub-assemblies.
- 17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification of Contract

- 18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:
- a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,
 - b) Mode of packing,
 - c) Incidental services to be provided by the supplier
 - d) Mode of despatch,
 - e) Place of delivery, and
 - f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case.
- 18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the supplier doesn't agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee's amendment / modification of the contract.

19. Prices

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

20. Taxes and Duties

- 20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.
- 20.2 Further instruction, if any, shall be as provided in the SCC.

21. Terms and mode of payment**21.1 Payment Terms**

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

TERMS AND MODE OF PAYMENT**A) Payment for Domestic Goods Or Foreign Origin Located Within India.**

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

a) On delivery:

Seventy Five percent (75%) payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents subject to recovery of LD, if any:

- (i) Two copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount
- (ii) Two copies of packing list identifying contents of each package
- (iii) Inspection certificate issued by the nominated Inspection agency, if any
- (iv) Marine & Storage Insurance Certificate covering 110% value of the invoice as per GCC Clause 11
- (v) Certificate of origin in case of imported goods
- (vi) Consignee Receipt Certificate as per Section XVI in original issued by the authorized representative of the consignee

b) On Acceptance:

Balance Twenty Five percent (25%) payment would be made against 'Final Acceptance Certificate' as per Section XVII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. FAC needs to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trail run of the equipment.

B) Payment For Imported Goods:

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

a) On Shipment:

Seventy Five percent (75%) of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway bill;
- (iii) Four Copies of packing list identifying contents of each package;

- (iv) Marine Insurance Certificate covering 110% of the Invoice Value from Supplier's Ware House to Consignee's Ware House
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Manufacturer's own factory inspection report and
- (vii) Certificate of origin by the chamber of commerce of the concerned country;
- (viii) Inspection Certificate for the dispatched equipment issued by recognized/ reputed agency like SGS, Lloyd, Bureau Veritus and TUV prior to despatch.
- (ix) Consignee Receipt Certificate as per Section XVI in original issued by the authorized representative of the consignee

b) On Acceptance:

Balance payment of Twenty Five percent (25%) of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trial run of the equipment.

- c) Payment of Incidental Costs till consignee site & Incidental Services** (including Installation & Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent on proof of final installation, commission and acceptance of equipment by the consignee.

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. This is payable against submission of a certificate from the principal supplier that they have realised full and final settlement against their supply.

C) Payment of Site Modification Work, if any:

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

D) Payment for Annual Comprehensive Maintenance Contract Charges:

The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 2.5 % of the cost of the equipment as per contract in the prescribed format given in Section XIV valid till 2 months after expiry of entire CMC period.

- 21.2 The supplier shall not claim any interest on payments under the contract.
- 21.3 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
- 21.4 Irrevocable & non – transferable LC shall be opened by the Purchaser. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser/consignee, the charges thereof shall be borne by the supplier.
- 21.5 The payment shall be made in the currency / currencies authorised in the contract.

- 21.6 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.
- 21.7 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.
- 21.8 While claiming reimbursement of duties, taxes etc. (like custom duty and/or GST or any other taxes) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forthwith.
- 21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding part payment for the goods in question, subject to the following conditions:
- (a) The supplier will make good any defect or deficiency that the consignee (s) may report within six months from the date of despatch of goods.
 - (b) Delay in supplies, if any, has been regularized.
 - (c) The contract price where it is subject to variation has been finalized.
 - (d) The supplier furnishes the following undertakings:

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

22. Delivery

- 22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed not later than the date (s) as specified in the contract.
- 22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
- (i) imposition of liquidated damages,
 - (ii) forfeiture of its performance security and
 - (iii) termination of the contract for default.
- 22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the Purchaser/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.
- 22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, inter alia contain the following conditions:

- (a) The Purchaser/Consignee shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
- (b) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty and/or GST or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
- (c) But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and/or GST or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

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

22.6.1 Passing of Property:

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

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

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

23. Liquidated damages

23.1 Subject to GCC clause 26, if the supplier fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract including opening of office in India as per the undertaking given in the qualification criteria, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24. **Since the Liquidated damages are in virtue of non-performance of services, it will attract GST or any other applicable taxes which in turn shall be deducted from the bidder.**

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

24. Termination for default

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

- 24.2 In the event of the Purchaser/Consignee terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser/Consignee may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the Purchaser/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement.
- 24.3 Unless otherwise instructed by the Purchaser/Consignee, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for insolvency

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

26. Force Majeure

- 26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.
- 26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of , the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.
- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

- 27.1 The Purchaser/Consignee reserves the right to terminate the contract, in whole or in part for its (Purchaser's/Consignee 's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser/Consignee. The notice shall also indicate interalia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.
- 27.2 The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of the notice of termination shall be accepted by the Purchaser/Consignee following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser/Consignee may decide:
- a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or

- b) To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. Governing language

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

29. Notices

- 29.1 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing by speed post/ Regd. Post or by email. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.
- 29.2 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

30. 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 Settlement of disputes through pre- institution mediation and settlement in accordance with the commercial courts, commercial division and commercial appellate division of High Courts (Amendment) Act 2018 no 28 of 2018 Chapter IIIA
- 30.3 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 or amendments thereof. In the case of a dispute or difference arising between the Purchaser/Consignee 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 arbitrator appointed by CEO (HITES). 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/NCR, India.
- 30.5 Jurisdiction of the court will be from the place where the tender enquiry 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

Whenever any claim for payment arises under the contract against the supplier the purchaser shall be entitled to withhold and also have a lien to retain such sum from the security deposit or sum of money arising out of under any other contract made by the supplier with the purchaser, pending finalization or adjudication of any such claim. It is an agreed term of the contract that the

sum of money so withheld or retained under the lien referred to above, by the purchaser, will be kept withheld or retained till the claim arising about 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. General/ Miscellaneous Clauses

- 33.1 Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.
- 33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- 33.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.
- 33.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
- 33.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.
- 33.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee/Government of India against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.
- 33.7 All claims regarding indemnity shall survive the termination or expiry of the contract.
- 33.8 If any provisions of this tender enquiry or a contract formed on the basis of this tender enquiry are invalid or void under any of the existing provisions of Indian law, then such provisions will not affect other provisions of this tender enquiry/ contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

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

These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses. Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

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

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

Sl. No.	Item Name	Qty.	Warranty Period	CMC Period
Lot –A (Event/RFx- 3000003852)				
1	Dental Chair	2	2 years	5 years
2	Dental X-ray	1		
3	Light Cure Unit	2		
4	Dental Autoclave	2		
5	Micromotor with accessories	2		
6	Intra Oral Camera	1		
Lot –B (Event/RFx- 3000003853)				
1	Videolaryngoscopy System	1	2 years	5 years
2	ENT Examination chair	1		
3	Otoscope	4		
4	Head Light-ENT	1		
5	Tympanometer (Children)	2		
Lot –C (Event/RFx- 3000003854)				
1	Snellen Chart/Drum with remote	2	Manufacturer's Standard Warranty	Not Applicable
2	Trial Lens set with frames	2		
3	Log Mar Vision charts	2		
4	Farnsworth Munsel 100 Hue Test	2		
5	Streak retinoscope	2		
6	Slit lamp with applanation tonometer	1		
7	Digital Lensometer	2		
8	Keratometer/Ophthalmometer Manual	2		
9	Synoptophore	1		
10	Frenzel prism Bar	2		
11	Tonopen	1		
12	Diagnostic lenses	3		
13	Autorefractometer	1		
14	Auto Ref Keratometer	1		
15	Ophthalmoscope	4		
Lot –D (Event/RFx- 3000003855)				
1	SPHYGMOMANOMETER ANEROID - PORTABLE	20	Manufacturer's Standard Warranty	Not Applicable
2	BMI Analyzer	2		
3	Portable Suction Appartus	5		
4	Handheld Doppler	2		

Sl. No.	Item Name	Qty.	Warranty Period	CMC Period
5	Nebuliser	5	Manufacturer's Standard Warranty	Not Applicable
6	Portable Pulse-Oximeter	2		
7	Examination Table Gynec	2		
8	Crash Trolley	2		
Lot -E (Event/RFX- 300003856)				
1	Laryngoscope	4	Manufacturer's Standard Warranty	Not Applicable
2	Laryngoscope - Children	2		
3	Proctoscope (Adult)	6		
4	Proctoscope (Paediatric)	4		
5	Doctors Diagnostic kit-Ortho	1		
6	Plaster Cutter	2		
7	Hammer	10		
8	Patient weighing machine-digital	15		
9	Stethoscope	20		
10	Spot light	15		
11	X ray Viewer (LED) 2 Panel	15		
12	Height Scale	15		
13	Glucometer	5		
14	Magnifying Lens with Light	2		
15	Mobile Examination lamp	2		
16	Weighing machine-Pediatrics	2		
17	Infantometer	1		
18	Digital Thermometer	4		
19	Infra-red Thermometer	4		
20	Torch	10		
Lot - F (Event/RFX- 300003857)				
1	Psychological Tests equipment a) Project tests b) Intelligence Tests c) Personality Tests d) Neuro psychological tests	1	Manufacturer's Standard Warranty	Not Applicable

Part II:**Required Delivery Schedule:****a) For Indigenous goods or for imported goods if supplied from India:**

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

Installation and commissioning shall be done within 15 days of receipt of the stores/ goods at site or within 15 days from the date of site handover, whichever is later.

b) For Imported goods directly from foreign country:

60 days from the date of opening of L/C to deliver at port of destination. The date of delivery will be the date on which the consignment reaches the Port of Destination. (Tenderers may quote the earliest delivery period).

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

For delayed 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 Maintenance Contract (CMC) as per details in Technical Specification as specified in part I above. Comprehensive Maintenance Contract (CMC) 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/Sea Port
Dr. B.C. Roy Institute of Medical Science & Research IIT Kharagpur	Kharagpur, West Bengal 721302	Kolkata

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

SECTION – VII**TECHNICAL SPECIFICATIONS****Item A-01**

SI NO.	<u>Dental Chair</u>
1	Description of Function
1.1	Dental Chair is the dental chair required for dental and surgical procedures.
2	Operational Requirements
2.1	Physiological dental chair operated by electricity
3	Technical Specifications
3.2	It should have double articulated head rest.
3.3	It should have two 3 way syringes (tip autoclavable, with 6 spare tips) one on unit side and other on the assistant side.
3.4	It should have one high speed Air Rotor terminal with water control on coupling supplied with handpieces.
3.5	It should have one high speed fiber-optic air-rotor terminal with handpiece
3.6	One micro motor (Brushless) with one contra angle hand piece with internal spray and one straight hand piece with internal spray (It should not be in-built within the chair).
3.7	It should have LED light cure unit on unit sides (Min. Intensity 1200 mW/cm ²)
3.8	It should have one in-built Piezon LED (fiber-optic) Ultrasonic Scaler with 4 scaler tips.
3.9	It should have infection control system with non-retraction valves (Bio System/ equivalent)
3.10	All handpieces/terminals should be kept on Autoclavable pads. 6 spare autoclavable pads should be supplied
3.11	Arm of unit should be pneumatically locked
3.12	All air tubing of the delivery system can be disinfected internally after every dental procedure
3.13	Removable auxillary tray (stainless steel)
3.14	It should have latest foot operated minimum dual intensity LED Light (30,000 to 40,000 LUX)
3.15	It should have Rotatable Water System with removable spittoon
3.16	It should have Medium Vacuum Suction and High suction (Motorised Suction)
3.17	It should have following programmes –
	Two programmable working positions
	Spitting and last working position with light ON and OFF automatically
	Return to Zero position with light OFF automatically
	It should have option to Lock the movements of chair
	It should have emergency stop control
	Programmable Bowl water and Cup filler water
3.17	It should have LED based X-ray viewer
3.18	It should be provided with right arm (options for Fixed, Lateral 90 degree swivel available)
3.19	It should have multifunctional foot control base (fixed or mobile)
3.20	It should be provided with one doctor's stool and one assistant's stool with adjustable height & backrest tilt including an adjustable ring for foot rest.
3.21	Upholstery of the chair has to be removable for cleaning.
4	System Configuration Accessories, spares and consumables
4.1	System as specified
4.2	All consumables required for installation and standardization of system to be given free of cost.
5	Environmental factors
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and

	relative humidity of 15-90%
5.2	The unit shall be capable of operating continuously in ambient temperature of 10-40deg C and relative humidity of 15-90%.
5.3	Complete installation & Demonstration of the equipment required after supply.
6	Power Supply
6.1	Power input to be 220-240VAC, 50Hz
7	Standards, Safety and Training
7.1	Should be US-FDA or European CE approved product (copy of certificate should be submitted along with the bid).
8	Documentation
8.1	User/Technical/Maintenance manuals to be supplied in English.
8.2	Certificate of calibration and inspection.
8.3	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Item A-02

Dental X-ray

1	Technical Specifications
1.1	Should have a constant potential high frequency X-ray generator.
1.2	Tube voltage should be in the range: 60-70 kV
1.3	Tube current should be 2mA- 4mA
1.4	Focal spot should be 0.8 x 0.8 mm
1.5	Total filtration should be > 2 mm Al
1.6	Operation should be conventional as well as automatic
1.7	Completely microcontroller based digital timer assuring the accuracy of the exposure time selected.
1.8	Ease of operation as all the functions can be selected from the remote control as well as Timer.
1.9	Minimum range of exposure time range should be 0.02 to 3.2 secs
1.10	Should be Manufactured with International Safety standards for radiation leakage
1.11	There should be electronic selection of exposure time/radiation according to tooth number. It should be possible to select exposure time manually.
1.12	Should be available in wall mount/ floor mount and with floor trolley.
2	System Configuration Accessories, spares and consumables
2.1	X-ray unit should be supplied with lead apron, thyroid collar and gonadal sheath
2.2	Should be supplied with lead partition
3	Standards, Safety and Training
3.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
3.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
3.3	Comprehensive training for staff till familiarity with the system.
3.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item A-03

Light Cure Unit	
1	Technical Specifications
1.1	Should have LED lamp. Calibrated automatic timer for selection of cure time from 10 to 60 seconds The cost of replacement of LED has to be included in the warranty as well as CAMC offered.
1.2	It should be a Composite Visible Light Cure Unit
1.3	Should have a light intensity range of 850-1000 mw/cm square or more.
1.4	The hand piece should have on/off trigger and audible tones in every 10 sec.
1.5	Should supplied with Autoclavable fiber optic probe with full 360° rotation & it should be a 60 degree angle probe
1.6	Should be separate unit not attached to Dental unit
1.7	Should provide an Eye protection shield
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
2.3	Comprehensive training for staff till familiarity with the system.
2.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item A-04**Dental Autoclave**

1	Technical Specifications
1.1	The autoclave should provide sterilization at 121° C and 134° C for both wrapped and unwrapped tools and also a flash cycle for rapid sterilization.
1.2	The autoclave should be equipped with a powerful vacuum pump to eject air pockets from the chamber at the beginning and at the end of cycle (Pre-vacuum and Post vacuum)
1.3	Water purification unit (based on reverse osmosis principle) should be supplied along with the autoclave, and it should be possible to connect the water purification unit directly to autoclave for continuous supply of high quality demineralized water.
1.4	It should have minimum four sterilization programs and two test program. Programs should be monitored by microprocessor.
1.5	Chamber volume should be 22 -25 liters.
1.6	Loading can be min. 4 Kg instrument/ 1 Kg textile.
1.7	It should be class B autoclave so that hollow bodied instruments, handpieces, and turbines can be fully autoclaved
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the

	same should be enclosed along with the technical bid.
2.3	Comprehensive training for staff till familiarity with the system.
2.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item A-05

Micromotor with Accessories

1	Technical Specifications:
1.1	The hand piece should have soft rubber piece
1.2	It should have an rpm in the range 1000-40000
1.3	It should have forward & reverse speed control and with pedal controls.
1.4	Display should be digital
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
2.3	Comprehensive training for staff till familiarity with the system.
2.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item A-06

Intra Oral Camera	
1	Technical Specifications
1.1	Should give true image (not a mirror image)
1.2	Light source should be integrated into handpiece
1.3	Design should be sealed and hygienic material should be used for proper disinfection
1.4	The image live/freeze/save functions should be initiated by the station foot control
1.5	Angle of view should be 90deg
1.6	Viewing direction should be 90deg
1.7	Resolution should be 625lines
1.8	Focal range should be minimum of 1mm to infinity
1.9	Should have 4-8 LED lighting system
1.10	Should have following video output: USB 2.0 ,TV-NTSC,TV-PAL,S-Video,VGA
1.11	It should be supplied along with a laptop with Intel Core i5 processor, 500 GB HDD, RAM 4 GB, DVD-RW, latest genuine windows version software and color laserjet printer
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
2.3	Comprehensive training for staff till familiarity with the system.
2.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item B-01

Video Laryngoscope			
SN	Technical Specification		
1	Screen size should be 2.4" or more with color display		
2	Light source: LED		
3	Camera: CCD or CMOS		
4	Blade size: 2, 3, 4 and Difficult airway blade – 1 no. each size reusable should be quoted.		
5	ET tube insertion dia: 6mm-8mm		
6	Operates either on rechargeable lithium battery or on AAA batteries		
7	Offered model should be European CE or USFDA approved.		
BOQ		Qty	UOM
1	Video Lyrangoscope as per specification	1	No
2	Blade size: 2, 3, 4 and Difficult airway blade	1	No each

Item B-02

ENT Examination Chair	
1	Technical Specifications
1.1	Should be motorized and ergonomically designed examination and treatment chair facilitating the posture of both doctor and patient
1.2	Heavy base casing
1.3	All elements of chair should be anatomically shaped
1.4	Seat should have motorized lifting device
1.5	Seat should have height adjustment for children
1.6	Integrated foot switch for easy adjustment of height
1.7	Should have complete rotation 360 degree with locking device
1.8	Should be comfortably padded and folded back for enabling easy sitting of overweight and handicapped patient
1.9	Head rest-15cm with adjustable height.
1.10	Backrest adjustable and can be made to incline 10 degree forward to vertical position and backwardcompletely to a horizontal position and can be rolled back
1.11	Movement of armrest and footrest should be synchronized with backrest movement
1.12	Power supply:220-240Volts/ 50Hz
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.
2.3	Comprehensive training for staff till familiarity with the system.
2.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual

Item B-03

Otoscope	
1	Technical Specification
1.1	Should be a convenient pocket type otoscope.
1.2	Should be provided with a halogen light source.
1.3	Should be able to detach the otoscope head.
1.4	Should provide no reflections and obstructions.
1.5	Should provide detachable accessories of various sizes.
1.6	Should have in built rechargeable battery. Recharge should be possible with direct mains supply
2	Standards, Safety and Training
2.1	Munufacurer should have ISO certification

Item B-04

ENT Head Light	
Sl. No.	Technical Specification
1	Should be a head light source suitable for ENT OP.
2	The reflector should be a multiple coated.
3	Should have an adjustable and light weight head band.
4	Should have a low voltage source with intensity control.
5	Should work with input 200 to 240 VAC 50 Hz supply
6	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item B-05

Sl. No.	<u>Tympanometer</u>
	Impedance audiometer with contra ear testing facilities
1	Multifrequency
2	Probe Frequency- 226Hz, 678Hz,800Hz,1000Hz
3	Pressure Range- +200 to – 400 daPa
4	Volume Range - 0.1 ml to 6.0 ml
5	Accuracy - $\pm 5\%$ to ± 10 daPa
6	Test Time- < 3 Seconds
7	Reflex Mode
8	Test Frequencies- 500, 1000, 2000, 4000 Hz $\pm 2\%$
9	Test Method- Ipsilateral, Contralateral
10	Noise (Band) - WN/HP/LP

11	Intensities IPSI Lateral-70 to 110 dbHz
12	Intensities Contra Lateral- 70 to 120 dbHz
13	Intensity Setting- Automatic or Manual
14	Eustachian Tube Function - Intact and Perforated mode
15	ETF Pressure Range -+ 300 to – 400 daPa
16	Test - Ipsilateral Reflex Test with AGC, Reflex Decay
17	Test Programme- Reflex Test selectable
18	Memory : test results of minimum 20 cases.
19	Probe - Light weight, Hand Held , With Built in control light & switch.
20	Printer- Silent Thermal Printer , (with paper printer facility)
21	Display-Graphic LCD with adjustable contrast
22	Power Supply- Mains 100-240 Volts, 50/60 Hz 25 VA
23	PC Interface- USB Cable
24	Automatic self calibration
25	Regular calibration of equipment.
26	All accessories should be from the same manufacturer and should be European CE/ US FDA approved
27	Laptop with i7, 4GB DDR4 RAM, 1TB HDD, 13" or more full HD screen, latest compatible windows OS,genuine antivirus with min 3 year subscription and compatible color laser printer
28	Onsite service and calibration with loaning facility

Item C-01**Snellen Chart/Drum with remote**

1	Technical Specification
1.1	The unit should be compact & light weight
1.2	Design should be suitable for all refraction rooms and should be easily mountable on refraction unit and wall
1.3	All functions should be able to operate by cord-less remote control i.e. chart up, chart down, vision test light, spot light, colour test light, Duochrome test light.
1.4	Cord-less remote should work from any direction
1.5	The unit should have pleasing colour to match all interiors
1.6	The unit should be Included with colour deficiency test
1.7	he regular sequence of charts should be offered in: English,Hindi,Regional Language,C chart, Dot chart
1.8	All charts should be available up to 6/4 vision (over correction)
1.9	Power Supply (Main) should be: AC 230V, 50 Hz
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item C-02

Sl. No.	TRIAL LENSE SET with Frames
1	Technical Specification
1.1	Should be supplied with set of 226 trial lens with durable metal frame
1.2	Lens set- Set of 226 trial lenses with polished metal rims in an elegant carrying case.
	a. 70 Spherical Concave Lenses: 0.12 to 20.00 Diopters (0.25D increments)
	b. 70 Spherical Convex Lenses: 0.12 to 20.00 Diopters (0.25D increments)
	c. 34 Cylindrical Concave Lenses: 0.12 to 6.00 Diopters (0.25D increments)
	d. 34 Cylindrical Convex Lenses: 0.12 to 6.00 Diopters (0.25D increments)
	e. 12 Prismatical Lenses: 0.5(2), 1(2), 2(2), 3, 4, 5, 6, 7, 8
	f. 6 Accessory Lenses: Red, Green, Slit, Dark, Aperture(2)
1.3	Metal Frame
	a. Should be durable and light weight
	b. Number of lenses which can be inserted in to left or right lensframe simulataneously:4 pieces
	c. Degree of lens rotation around optical axis in the lens frame:360 degree
	d. Horizontal and vertical bridge adjustments.
	e. Free-rocking saddle bridge assures comfortable nose fit. Range of nose rest adjustment Length:0 ~ 14 mm,angle:0 ~ 30 degree
	f. Separate PD adjustment for each eye to compensate for asymmetrical factors in

	facial structure. PD of both eye: 48 ~ 80 mm Left or right PD: 24 ~ 40 mm
	g. Individual adjustments for temple length and angle.
	h. Adjustment for rotating cylinders to correct axis.
	i. Scales with large, easy-to-read numerals.
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item C-03

Sl. No.	VISION CHARTS
1	Technical specification
1.1	Should be made using high contrast letters on washable polystyrene. The material should be non-reflective material
1.2	The progression of letter height is that any line is 1.2589 times greater than the line below. This multiplier is the root of ten or 0.1 log unit. Therefore, a three line worsening of visual acuity is equal to a doubling of the visual angle regardless of the initial acuity
1.3	The charts should be ideal to use at 4 metres which helps with smaller examining rooms

Item C-04

Sl. No.	MUNSEL 100 HUE TEST
1	Technical specification
1.1	The test should consist of four trays containing a total of 85 removable color reference caps (incremental hue variation) spanning the visible spectrum.
1.2	Should be fully automated with printout facility, automatic position sensing, error free scoring, digital display of score, rapid micro processor computation, and selective study of zones.
1,3	FM 100 Hue Test Scoring Software should be included with test purchase.
1.4	PC to be included with following configuration: 4 GB RAM,500GB HDD, 19" LCD monitor, DVD Drive, latest OS and UPS
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-05

Sl. No.	STREAK RETINOSCOPE
1	Technical Specification
1.1	Should have an external focusing sleeve which is easy to grip and manipulate.
1.2	Should have crossed-linear polarizing filter, optional orange filter
1.3	Should allow one-hand operation for streak focus and 360° streak rotation.
1.4	Should be interchangeable to plane mirror and concave mirror mode by sleeve movement.
1.5	Should use halogen/ Xenon/ LED streak lamp.
1.6	Should have 100% dust proof housing and multi-coated optics.
1.7	Should have detachable brow rest for spectacle wearer
1.8	Should be battery/ rechargeable battery / mains operated.
1.9	Should have a carrying case.
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-06

Sl. No.	SLIT LAMP with Applanation Tonometer
1	Technical Specification
1.1	Magnification should be 6x to 40x continuously adjustable
1.2	Field of view should be 40 mm to 9 mm in diameter.
1.3	Eyepiece magnification: 12x eyepieces, \pm 8D compensation of ametropia
1.4	Width of slit image: should be 0 – 14 mm and it should be continuously adjustable
1.5	Length of slit image: in steps: 0.2 to 14mm
1.6	Angle of slit image: \pm 90deg continuously adjustable
1.7	Angle of incidence should be 0° - 20°, and should be tiltable
1.8	Filters should be swing in blue, green (red-free), grey & Heat absorbing filter
1.9	Should have screen for diffuse illumination
1.10	Free working distance should be 60mm
1.11	Travel of instrument base should be as follows: Z axis: 30mm, X-axis: 110 mm, Y-axis: 90mm (Variation 10%)
1.12	Vertical travel of chin rest should be 60 mm
1.13	Illumination should be with halogen / LED lamps
1.14	Brightness should be continuously adjustable
1.15	Instrument table should be motorized control
1.16	Accessories Required: Goldman applanation Tonometer
1.17	Accessories for Imaging System

	Beam splitter with adapter for camera, digital camera with suitable PC, Monitor, and UPS, table with Image analysis software.
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-07

Sl. No.	LENSMETER - DIGITAL
1	Technical Specification
1.1	Should have wide field of vision observation
1.2	The unit should be LCD digital type Lensmeter
1.3	Range of Measurement :
	a. Spherical lens : +/-25D
	b. Cylindrical lens : +/-10D
	c. Cylindrical axis : 0~ 180°, space of readings : 1°
	d. Prismatic power: 0-10
1.4	Should have Abbe value: 20-60
1.5	Range of ocular visibility adjustment should be ±5D
1.6	Size of measured Lens should be 15 ~ 100mm
1.7	Illumination : LED
1.8	Should work on 230V,50 Hz
1.9	Should have RS232 interface
1.10	Accessories: Motorized table , dust cover
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-08

Sl. No.	Keratometer
1	Should have 15 x eye piece
2	Should measure corneal refractive power measuring range from 36 to 52 D in steps of 0.25D steps
3	Should measure corneal radius of curvature measuring range from 6.5 to 9.4 mm in steps of 0.05 mm.
4	Should permit measurements of central corneal area
5	Should have high accuracy of measurements.

6	Should have dust cover and spare bulb.
7	Should be supplied with motorized table.
8	Should have well illuminated circular mires with + sign.
9	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-09

S.N	SYNOPTOPHORE
1	Brief Description of function
1.1	An instrument for diagnosing imbalance of eye muscles and treating them by orthoptic methods
2	Technical Specification
2.1	Adjustable range of pupil distance should be 50 - 75mm
2.2	Movement of Optical Tubes should have the following specification
	a. HORIZONTAL :
	Adduction +50 degree
	Abduction - 40 degree
	b. VERTICAL :
	Hyper 30 degree
	Hypo 30 degree
	c. TORSIONAL :
	Excyclo 20 degree
	Incyclo 20 degree
2.3	Slide Illumination: Rheostat controlled 12V Lamp for each slide. After Image Illumination by 12V Lamp (for better Illumination)
2.4	Should have auto Flashing of Slide Illumination either SIMULTANEOUS or ALTERNATE in RAPID & VARIABLE mode.
2.5	Mode & Mode Selection i.e, Five Modes of Slide Illumination namely NORMAL, FLASHING RIGHT, FLASHING LEFT, FLASHING R + L & AUTOFLASHING, should be able to select by a single selector knob.
2.6	Standard Accessories to be included:
	a. A set of slides containing 9 Pairs.
	b. Haidinger Brushes.
	c. Power Cord
	d. Dust Cover
	e. Two Spare Bulbs 12V
	f. Motorized Instrument Table
3	Standards, Safety and Training
3.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
3.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-10

Sl. No.	Fresnel Prism Trial Set
1	Technical Specification
1.1	Should allow accurate testing of large oculomotor imbalances in the trial frame.
1.2	Should fit all standard trial frames
1.3	To be made of thin optical quality acrylic and are lightweight.
1.4	Thin layers of plastics (3"x 3") with striation mark of different powers of prisms.
1.5	Each set should include a display box. Should be available as two sets providing a full range of prisms.
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item C-11

S.N	Portable Applanation Tonometer
1	Technical Specification
1.1	Should be handheld digital electronic applanation tonometer
1.2	Should be light weight and easy to use
1.3	Result should be closely related with goldmann applanation tonometry
1.4	Should yield fast and accurate IOP measurements
1.5	Should be battery operated
1.6	Should provide fast and accurate IOP reading irrespective of position errors
1.7	Should have large prominently visible LCD Screen to display IOP reading.
1.8	IOP range: 5 to 80 mm Hg
1.9	Sensor should be long life strain gauges ending in micro tip of approx. 1mm diameter
1.10	Should not require elaborate or daily calibration
1.11	Acessories, Spares and Consumables
	Carrying case
	Probe tip covers
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item C-12

Sl. No.	Diagnostic Lenses
1	Description of Function
	A box containing a set of lenses of different powers used to detect errors of refraction.
2	Technical Specifications
1.1	Wooden Case
1.2	Spheres Lenses with Handle, Power 0.12 to 20.00 with Steps both concave and convex
1.3	Cylinders Lenses without Handle Powers 0.12 to 6.00 with steps both concave and convex

1.4	Prisms 0.50 to 12
1.5	Adjustable trail Frame
1.6	Red and Green Glass, Pin Hole, Maddox rod, stenopic slit

Item C-13

Sl. no.	Autorefractometer
1	Should have refractive measurement sphere from -22 to +22D in steps of 0.12 / 0.25 D
2	Should have refractive measurement cylinder from -10 to +10 in steps of 0.12 /0.25 D.
3	Should have refractive measurement axis angle from 1 to 180° in steps of 1°
4	Should have at least 0, 12 and 13.5 vertex distance.
5	Should measure a minimum pupil diameter of 2.5mm
6	Should have maximum pupil distance measurement of 85 mm in steps of 1mm.
7	Should have at least 5 inches colour LCD display.
8	Should have vertically adjustable chin rest of at least ±25mm.
9	Should have an inbuilt thermal printer.
10	Should be supplied with motorized table.
11	Should provide printing paper – 10 Nos. and Chin rest paper – 200 Nos
12	Should operate on 200 to 240 Vac, 50Hz input supply
13	Online UPS with 30 min backup
14	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item C-14

Sl. No.	Auto Ref-Keratometer
1	Should have Refractometry and Keratometry in the system.
2	Should have continuous K/R, REF, KER modes.
3	Should have refractive measurement sphere from -25 to +22D in steps of 0.12/0.25D.
4	Should have refractive measurement cylinder from -10 to +10D in steps of 0.12/0.25D.
5	Should have refractive measurement axis angle from 1 to 180° in steps of 1°
6	Should have at least 0, 12 and 13.5 vertex distance.
7	Should measure a minimum pupil diameter of 2.5mm.
8	Should have maximum pupil distance measurement of 85 mm in steps of 1mm.
9	Should have at least 5 inches LCD display.
10	Should have vertically adjustable chin rest of at least ±25mm.
11	Should have radius of curvature measurements from 5 to 10 mm in the increments of 0.01mm. Should have corneal power measurement from 34.0 to 67.5D in the increments of 0.12/0.25D Should have corneal Astigmatism measurement from -10 D to +10D in the increments of 0.12/0.25D Should be supplied with printer.
12	Should be supplied with motorized table.
13	Should operate on 200 to 240 Vac, 50Hz input supply.
14	Should have safety certificate from a competent authority European CE / FDA (US) / STQC

	CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid
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Item C-15

Sl. No.	VIDEO INDIRECT OPHTHALMOSCOPE
1	Technical Specification
1.1	Should have high resolution CCD camera 4mega pixels approx and atleast 460 lines.
1.2	Camera system should be fully integrated which should be dustproof, best optics and focus
1.3	Integrated camera system should be adjustable to 250 to 800 mm
1.4	“C” mount and processor should be compact with facility for attachment to digital printers, pc etc.
1.5	Should have PC with image capture software.
1.6	Digital printer should be provided alongwith standard accessories like Video cable, S-VHS cable etc
1.7	Should have binocular indirect ophthalmoscope compatible with this CCD camera preferably with the following features:
	a. Binocular indirect ophthalmoscope with precision viewing upto 1.0 mm pupil approx.
	b. Spot size: 3 integrated spot size to choose from small spot, medium spot and large spot.
	c. Filters: 3 integrated filters to choose from red-free, cobalt blue and yellow filters.
	d. Vertical adjustment: separately available for adjustment of beam illuminator of ± 4 .
	e. Integrated flip up adjustment: optics which can be flipped and locked at 0° , 12.5° , 47.5° , 60° .
	f. Aperture and filter adjustment levers: Which can be locked to the desired position required.
	g. Locking aperture and filter adjustment(safety clutch): protect mechanism from the forced adjustment while in the lock position.
	h. P.D.Range from 46-74mm approx.
	i. Integrated on/off switch in headband alongwith headband rheostat.
	j. Soft start technology: a gradual introduction of current reduces bulb “shock” and extends bulb life.
1.8	Should have the following accessories for binocular indirect ophthalmoscope.
	1. Spare Bulbs – 10
	2. Large and small scleral depressor
	3. AR coated 20D lens.
	4. Carrying case
	5. Rechargeable battery
2	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	The quoted model should have US FDA/BIS/European CE certificate and copy of the same should be enclosed along with the technical bid.

Item D-1

Sl. no.	BP Apparatus
1	Technical Specifications
1.1	Should have BP range from 0 to 300 mm Hg
1.2	Should be mercury-free and latex-free
1.3	High quality single tube pressure cuff in at least three sizes - Adult, Paediatric and Infant
1.4	Should have gear-free technology
1.5	Should have 360 degree rotatable dial so that reading can be taken from any angle.
1.6	Should have an accurate barometer with large digits
1.7	Large insufflation bulb. Insufflation bulb to have adjustable spoon to permit both handed operation
1.8	Screw-type pressure release valve with capability to release pressure in 2 mm Hg decrements
1.9	High quality anti static tubing to connect bulb with cuff minimum length 1300 mm
2.0	Standards, Safety and Training
2.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
2.2	Warranty as per tender condition

Item D-02

Sl. No.	BMI Analyser
1	Capacity: up to 300 kg
2	Power supply: Power adapter
3	Weight: Light weight
4	Measurement method: 8-point Bioelectrical Impedance Analysis
5	Measurement segment: right arm, left arm, right leg, left leg, right half of body, left half of body, torso
6	Measurement time: up to 30 seconds
7	Functions and Properties: Overload protection, Date and time in print-out, TARE, Weighing range switch-over, Autom. Weighing range switch-over, Patient data input, Pre-TARE, HOLD, Auto-HOLD, Step-Off, BMI, Auto-BMI, Calibration, Wireless interface, SEND, RESET, Acoustic signals can be activated, Backlighting, User-defined zero setting
8	Should be US FDA or European CE or BIS approved product

Item D-03

Sl. No.	Portable Suction Apparatus
1	High vacuum suction unit, run on electricity with two section jars of 1liter capacity each. If one jar filled, it should be automatically/manually connect to other jar.
2	Auto cut off device of preventing entry of fluid in pump.
3	Fast and efficient jar change facility.
4	Easy access and controls
5	It should be heavy duty and noiseless, with piston/cylinder technology.
6	Should be able to create desired maximum vacuum in least possible time, vacuum should be up to -90 K pascal with minimum capacity of 60L/min
7	Light and maneuverable fitted on a mobile trolley.
8	One plastic suction jar cover, steam sterilizable to be provided extra.
9	Two extra suction jar (Plastic) of capacity 1ltrs. Should be quoted along with accessories like lid, tubing etc. with the equipment to make the unit functional.
10	Should have ISO 13485 certification
11	The firm should clearly indicate in the technical bid itself that the prices of all standard accessories are included in the quoted price.
12	The firm will give rate list of all possible spares, accessories & consumables if any, as part of financial bid. If price of any spare is not mentioned & is required for repair in life time of equipment/instrument, then the firm will be obliged to give it free throughout life cycle of the equipment.

Sl. No.	BOQ of Portable Suction Apparatus	Qty	UOM
1	Suction Machine as per specification	1	Nos
2	Mobile Trolley	1	Nos
3	Suction Jar (02 nos. as standard with machine & 02 nos. extra)	4	Nos

Item D-04

Sl. No.	FETAL DOPPLER- HANDHELD
1	Technical Specification
1.1	Should be high sensitivity hand held fetal doppler to detect fetal heart rate.
1.2	Should be light weight
1.3	Should have LCD display to show the detected fetal heart rate (FHR).
1.4	Heart rate rage should be 60-210 bpm
1.5	Should be battery operated.
1.6	Battery should be rechargeable type.
1.7	Should have auto power down facility to conserve battery life.
1.8	Battery life should be > 6 Hrs
1.9	Should have low battery indicator.
1.10	Should have following probes.
1.10.1	2 MHz probe suitable for general obstetric use
1.10.2	3 MHz probe suitable for detecting heartbeat in very early gestation
2	System Configuration Accessories, spares and consumables
2.1	System as specified - 01 no
2.2	2 MHz probe - 01 no

2.3	3 MHz probe - 01 no
2.4	Extra Battery - 01 no
2.5	Carrying case/bag - 01 no
3	Standards, Safety and Training
3.1	Manufacturer should have ISO certification and copy of the same should be submitted along with the technical bid.
3.2	The quoted model should be US FDA/European CE/BIS approved and copy of the same should be submitted along with the technical bid..

Item D-05

Sl. No.	Nebulizer
1	Description of Function
1.1	Nebulizer is a device used to administer medication in the form of a mist inhaled into the lungs.
2	Technical Specification
2.1	Nebulizing rate : atleast 4ml/min
2.2	Mist particle size :Approx 1-5 microns
2.3	Nebulizing time setting: The timer may be set for any desired point between zero and 30 minutes.
2.4	For Nebulization period longer than 30 minutes, the timer can be set for “continuous” operation.
2.5	Medication cup capacity :150 ml
2.6	It should be made of highly heat resistant polymeric material which can be disinfected by autoclaving
2.7	Should have pneumoclean air filter to provide purified air for aerosol nebulization
2.8	Should have an easily detachable fan cover and air filter to allow cleaning of every corner of the passage, and the medication cup should be easily attachable and easy to clean. The diaphragm must be replaced for each patient to help prevent cross infection.
2.9	The unit should be capable of removing more than 96% of 0.3 micron or larger airborne dust particle with the help of pneumoclean to provide purified air for aerosol nebulization.
3	Accessories, Spares and Consumables
3.1	Patient tube should be 1-1.5 meter in length.
3.2	Disposable cap /diaphragms for drugs – 25, lids – 6 and patient circuit 6/tube-2, Face Mask-2 (adult, Paediatric) air filters – 10 no.s
3.3	Should provide extra accessories.
4	Standards, Safety and Training
4.1	.Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item D-06

Sl. No.	Portable Pulse Oximeter
1	Should have plethismographic wave form with numeric display for SPO2 and Heart rate on TFT display.
2	Should have a SPO2 range of 0 to 100%.
3	Should have SPO2 accuracy of $\pm 2\%$.
4	Should provide bar graph for pulse strength.
5	Audio and visual alarm for both upper and lower SPO2, Heart rate.
6	Should provide with adult reusable finger probe.
7	Beep sound and alarm sound should have separate volume control
8	Should have a minimum of 2 hours back-up time.
9	Should be a portable, light weight and desktop model.
10	Should work with input 200 to 240Vac 50 Hz supply.
11	Should be US FDA or European CE or BIS approved product

Item D-07

Sl. No.	Examination Table-Gynae
1	Technical Specification
1.1	Examination couch frame made of high quality CRCA sheet.
1.2	Overall Approx size (Meters): 1.8 L x 0.5 W x 0.8 H
1.3	Examination couch should be provided with washable mattress.
1.4	Should be two section foam padded
1.5	Should be pre-treated and powder coated examination couch
1.6	Should have adjustable backrest
1.7	Tray for B.P. Apparatus should be provided near head rest.
2	Standards, Safety and Training
2.1	Munufacurer should have ISO certification
2.2	Product should be CE/FDA/BIS approved
3	Documentation
3.1	Two numbers of Complete User/Technical/Maintenance manuals to be supplied in English (Soft copy & Hard copy). The manual should indicate complete functional and circuit diagram.
3.2	Certificate of calibration and inspection from factory.
3.3	List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.

Item D-08

Sl. No.	Crash Trolley
1	Technical Specification
1.1	Pushing Handle to Oxygen cylinder cage provision : 1040 mm L * 595 mm W, Platform Dimensions (Top Polymer Moulded) : 560 mm L * 370 mm W, Height 940 mm (Floor to polymer moulded panel), maximum Height : Floor to eye level detachable fully SS top shelf : 1625 mm, Cardiac Massage Board Dimensions : 710mm L * 390mm W, 6 mm thickness, Four drawers with common locking, All drawers should have ABS tray, In built Chart/File holder, Trash can, Catheter Holder, O2 Cage should be present, Scissor holder, Provision should be there for of IV rod, defib tray, two SS detachable top shelves one with lid & one without lid,
1.2	Twin wheel high grade synthetic grade castors 125 mm two with break & two without OR Overall dimension of L 855 W 405 H 1520 mm . SS 304 grade made top sheet with 2mm thickness should be used. Middle & bottom sheet should be used made of SS 304 grade with thickness 1mm. SS 304 grade frame bar with section of 25.4, 19, 1.2 & 16mm should be used. MS plated Cylinder case should be used welded with cylinder holding unit to hook giving the curve bend at the bottom to hold the cylinder.
1.3	SS 304 grade pipe of section 12mm should be used to provide provision to mount IV rod. High endurance anti static, plastic injected molded 4 swivel castors of dia 125mm should be used & should have provision for diagonal locking. SS 304 handle pipe should have section of 25.4mm with length of 365mm & should have thickness of 1.2mm giving a glossy finish.
1.4	SS 304 tubular frame should have five different colored removable bins mounted on top shelf and two polystyrene lockable storage units with three drawers each. The top drawers should have containers of different sizes. Thermosetting epoxy polyester with semi-gloss finish powder coating must be used. Safe working load must be 40kgs.
2	Standards, Safety and Training
2.1	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
2.2	Should be US FDA or European CE or BIS approved product
2.3	Manufacturer should have ISO certification for quality standards.
2.4	Electric Shock Protection level-Class-B
2.5	Electric current Protection- Class -1
2.6	Certified to be compliant with IEC 60601-2-38 Medical Electrical Equipments part 2-38 Particular requirements for safety of Electrically Operated Hospital Beds
2.7	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
2.8	Comprehensive warranty for 3 years and provision of CMC for next 3 years

Item E-01

SN	Laryngoscope-Infant
1	Technical Specification
1.1	Should supply 4 different size standard blades and one handle for Infant and one short sturdy handle.
1.2	Should be stainless steel matt finish
1.3	Should provide curved blades for both adult and pediatric
1.4	An extra large blade should be supplied along with each scope
1.5	Should be provided with battery
1.6	Should provide spare bulb - 6 Nos
2	Standards, Safety and Training
2.1	Manufacturer should have ISO certification
2.2	Product should be European CE/BIS/US FDA approved
2.3	Warranty as per tender condition
2.4	Certificate of calibration and inspection from the factory

Item E-02

SN	Laryngoscope-Children
1	Technical Specification
1.1	Should supply 4 different size standard blades and one handle for children and one short sturdy handle.
1.2	Should be stainless steel matt finish
1.3	Should provide curved blades for both adult and pediatric
1.4	An extra large blade should be supplied along with each scope
1.5	Should be provided with battery
1.6	Should provide spare bulb - 6 Nos
2	Standards, Safety and Training
2.1	Manufacturer should have ISO certification
2.2	Product should be European CE/BIS/US FDA approved
2.3	Warranty as per tender condition
2.4	Certificate of calibration and inspection from the factory

Item E-03

SN	Proctoscope -Adult
1	Should be moulded from medical grade ABS
2	Should be Tapered insertion end length 20.75mm, taper 24.2°
3	Should be Insertion length 50mm, width 25mm
4	Should be Visualisation diameter 20.2mm, area 320.31mm
5	Should be Handle length 92mm, width 26mm, depth 10mm

6	Light source: white LED 5mm diameter, 1200 med @ 15°
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Item E-04

SN	Proctoscope -Paediatric
1	Should be moulded from medical grade ABS
2	Should be Tapered insertion end length 20.75mm, taper 24.2°
3	Should be Insertion length 50mm, width 16mm
4	Should be Visualisation diameter 20.2mm, area 320.31mm
5	Should be Handle length 92mm, width 26mm, depth 10mm
6	Light source: white LED 5mm diameter, 1200 med @ 15°

Item E-05

SN	Diagnostic Kit-Ortho
1	Wall-mount Aneroid Sphygmomanometer Set for Adult – 1 nos
2	Knee Hammer – 1 nos
3	Stethoscope

Item E-06

SN	Electric plaster cutting saw
1	Description of Function
1.1	These instruments are used in orthopedic surgery for cutting of plaster of paris/synthetic cast applied for fractured bones.
2	Operational Requirements
2.1	Should be of high quality metal for cutting Plaster of paris or synthetic cast
2.2	Should have an oscillating mode which will not damage human tissues with appropriate voltage and oscillations
3	Technical Specification
3.1	Should be with/without cast vacuum system.
3.2	Should be Light weight & heavy duty; pistol type/handy grip
3.3	Should be made of shock proof fiber glass /metal body
3.4	Should be capable of cutting pop & fibre glass (synthetic)
3.5	Should Long life teflon/other material coated blade/others
3.6	Blade size 63 mm dia qty. 10 nos.
4	Power Supply
4.1	Power input to be 220-240VAC, 50Hz
4.2	Rechargeable battery operated system. Charger to be provided if integrated charger is not there
5	Standards, Safety and Training
5.1	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
5.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
5.3	Comprehensive training for staff till familiarity with the system.
5.4	Should have local service facility .The service provider should have the necessary

	equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual
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Item E-07

SN	Hammer
1	Should be able to test deep tendon reflexes
2	A rubber component should be attached to a flat metallic handle.
3	It should have T-Shape, double point solid rubber with reflex point and brush
4	Taylor (fish type) should be with brass nickel plated solid handle, with brush and pin end
5	Cane type should be with rubber ring and plastic stem
6	Rubber ring should be available in red or black colour

Item E-08

SN	Patient weighing machine- Digital
1	Technical Specification
1.1	Should have 7" high contrast digital display
1.2	Weighing capacity should be 180Kg or better
1.3	Weight graduations should be 0.1Kg
1.4	Should operate with re-chargeable batteries
1.5	Should be equipped with height rod
1.6	Should measures height up to 200cm
1.7	Should have circular/rectangular weighing platform
2	Standards, Safety and Training
2.1	Should have the ISO 13485 certification and the copy of the same should be enclosed along with the technical bid.

Item E-09

SN	Stethoscope
1	Technical Specifications
1.1	Should have high quality sound transmission.
1.2	Length - 27" to 29"
1.3	Weight - 6 ounce to 7.6 ounce (Approx.)
1.4	Chest piece - Ø45mm(adult) , - Ø35mm (paediatric)
1.5	Preferable colour -black
1.6	Should have tight and soft sealing ear tips

Item E-10

SN	Spot Light
1	Technical Specification
1.1	To provide cool, intense, focused light of 5000 lux.
1.2	Should be LED lamp
1.3	Should have bulb retainer to prevent accidental unplugging and fall.
1.4	Should have protective shade with holds on top to dissipate heat.
1.5	5 spokes stand mounted on caster of 5cm diameter.
1.6	Maximum height – 170 cms
1.7	Tubing of MS, pretreated and epoxy powder coated.
1.8	Cable length – 2m
2	Standards, Safety and Training
2.1	Manufacturer should have ISO certification

Item E-11

X ray Viewer (LED) 2 Panel	
1	Technical Specification
1.1	2 Panel Side by Side X-Ray View Box Illuminators; High quality with aesthetic finish.
1.2	Should have the following Standard Features:
1.3	LED light source
1.4	Roller gravity film holding system
1.5	Durable steel construction
1.6	Thin 3" profile
1.7	Chip resistant hospital white finish
1.8	Continuous bottom film ledge
1.9	Even view reflective system, with white acrylic translucent surface.
1.10	Centralized cluster On/Off switching
1.11	Optional Features:
1.12	FAS – Film Activated Switching
1.13	MS - Master Switch
1.14	HGP - Hospital Grade Plug Specs: Surface Wall Mount 3 Panel Side by Side 56" x
1.15	17" Viewing Area
1.16	Overall Dimensions approx: 56" (L) 21" (H) 3 3/8" (D) (approx.)
1.17	Illumination: 2000 cd/m2
1.18	It should be aesthetic and high quality
1.19	Power Supply : Power input to be 220-240VAC, 50Hz
2	Standards, Safety and Training
2.1	The manufacturer should have ISO 9001: 2008 certification.
2.2	Comprehensive warranty for 2 years

Item E-12

Sl. No.	STADIOMETER-PORTABLE/ Height Scale
1	Description of Function
1.1	A stadiometer is a piece of medical equipment used for measuring height.
1.2	Portable counter recording instrument, with an effortless counter balanced movement.
2	Technical Specifications
2.1	It should give an accurate and direct reading, to the nearest millimetre over a range of 600 mm to 2100 mm.
2.3	It should be extremely easy to set up, it's only component parts being two uprights and a base.
2.4	When assembled, it should be a robust free-standing unit.
2.5	When dismantled, the uprights should fit inside the base, which serves as a carrying case.
3	System Configuration Accessories, spares and consumables
3.1	Carry bag
4	Standards, Safety and Training
4.1	Should have ISO certification and the copy of the same should be enclosed along with the technical bid.
4.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.

Item E-13

S.N	Glucometer
1	Technical Specification
1.1	Should have precise digital temperature control with selectable range of 37degree celsius to 42 degree Celsius
1.2	Measuring range should be 20 to 400 mg/Dl
1.3	Arterial, Venous and capillary whole blood specimen capability
1.4	Sampling methodology should be electrochemical
1.5	Sampling volume should be less than 10 microlitres
1.6	Should have LCD display
1.7	Should have automatic shut off.
1.8	Should be supplied along with QC and calibration kits.
1.9	Should have memory for at least 10 patient results.
2	Standards, Safety and Training
2.1	Munufacurer should have ISO certification
2.2	Product should be European CE/ US FDA/BIS approved

Item E-14

Magnifying lens with Light	
SL .No.	Technical Specification
1	Wide-view, rectangular-shaped lens, excellent lighting and time-tested, heavy-duty - arm.
2	Precision-ground white crown optical-quality glass lens.
3	Adjustable neck for positioning the magnifier head at the proper viewing angle so as to ensure the operator maintains correct posture.
4	Top-mounted accessory lenses, including a 10-diopter swing away lens.
5	Lighting: one or two compact fluorescent tubes.
6	Dual switches for independent lighting controls.
7	Shadow less
8	Magnification: 3.5 diopter lens (1.85X).
9	Total magnification possible 4.35X.
10	A indicator for each lamp (indicating on/off fluorescent tube).
11	Heavy duty arm.
12	Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.

Item E-15

MOBILE EXAMINATION LAMP	
Sl. No.	Technical Specification
1	Technical Specification
1.1	To provide cool, intense, focused light of 5000 lux.
1.2	Should be halogen bulb of 50/75 W at low voltage, Step down transformer (compact) mounted inside the head.
1.3	Should have bulb retainer to prevent accidental unplugging and fall.
1.4	Should have protective shade with holds on top to dissipate heat.
1.5	5 spokes stand mounted on caster of 5cm diameter.
1.6	Maximum height – 170 cms
1.7	Tubing of MS, pretreated and epoxy powder coated.
1.8	Cable length – 2m
2	Standards, Safety and Training
2.1	Munufacurer should have ISO certification

Item E-16**Weighing Machine-Pediatrics**

Sl. No.	Technical Specification	
1	Standard Capacities	: 20 kg
2	Platter (ABS) Size	: minimum 290 x 500 mm
3	Power Supply	: Main / Battery
4	Battery Charger	: Yes
5	Battery	: Yes
6	Number of characters on Display	: min. 6 Digit
7	Storage Capacity	: Yes
8	Message Languages	: Numeric
9	Display	: 6 Digit (front)
10	Function	: Power On, Power Off, Tare

Item E-17

Infantometer	
1	Description of Function
1.1	A stadiometer is a piece of medical equipment used for measuring height.
1.2	Portable counter recording instrument, with an effortless counter balanced movement.
2	Technical Specifications
2.1	It should give an accurate and direct reading, to the nearest millimetre over a range of 600 mm to 2100 mm.
2.3	It should be extremely easy to set up, it's only component parts being two uprights and a base.
2.4	When assembled, it should be a robust free-standing unit.
2.5	When dismantled, the uprights should fit inside the base, which serves as a carrying case.
3	System Configuration Accessories, spares and consumables
3.1	Carry bag
4	Standards, Safety and Training
4.1	Should have ISO certification and the copy of the same should be enclosed along with the technical bid.
4.2	The quoted model should have US FDA/European CE/BIS certificate and copy of the same should be enclosed along with the technical bid.
4.3	Should have local service facility

Item E-18

Sl. No.	Digital Thermometer
1	Should have LCD type display.
2	Temperature range should be 32.2 to 42.2 degree Celsius (90 to 108 F).
3	Accuracy should be. ± 0.3 degree Celsius (0.5 F)
4	Response time should be less than 90 sec.
5	Should operate on batteries.
6	There should be visual and audible alarm for high temperature.
7	There should be alarm for low battery

Item E-19**Infra-Red Thermometer**

Standard available 'Infra-Red Thermometer' to be used for Hospital OPD.

Item E-20

SN	Torch
1	Body made of Stainless steel or aluminum or ABS plastic
2	Run on AAA or AA batteries (2 batteries)
3	Push button start
4	Lens end Lamp
5	Only luminous Bulb
6	Yellow light
7	LED is not required

Item F-1**Psychological Tests equipment**

1	Technical Specification
1.1	<u>INTELLIGENCE TEST</u>
	1. J. Bharath Raj. Mallin's Vineland Social Maturity Scale (VSMS) (Indian Adaptation)
	2. Nancy Bayley, Bayley Scales of Infant and Toddler Development.
	3. a) Raven's Standard Progressive Matrices (SPM) .
	b) Raven's Colored Progressive Matrices (CPM)
	c) Advance Progressive Matrices (APM)
	4. a) Wechsler Adult Performance Intelligence Scale (WAPIS).
	b) Wechsler Intelligence Test of Children
	c) P. Ramalingaswamy. Indian Adaptation of Wechsler Adult Performance Intelligence Scale (WAPIS).
	d) Malin's. Indian Adaptation of Wechsler Intelligence Test of Children.
	5. Seguin Form Board Test
	6. Koh's Block Design Test.
	7. Binet Kamat Intelligence Test (BKT)
	8. Indian Adaptation of Binet Simon Scale.
	9. Cube Construction Test
	10. Bhatia Battery of Performance Intelligence Test.
	11. S. K. Verma, D. Pershad et al., The Revised Bhatia's Short Battery of Performance Test of Intelligence for Adults.
	12. Emotional Intelligence Test (Age 14+) S. Mathur
	13. S. K. Mangal and Shubhra Mangal. Mangal Emotional Intelligence Inventory (MEII). Vinod Kumar Shanuwal. Multifactor Emotional Intelligence (MEIS)
	14. N. K. Chadha and Usha Ganesan. Social Intelligence Scale (SIS).
	15. J. Bharat Raj. Developmental Screening Test (DST)
	16. Pramila Ahuja. Group Test of Intelligence (PGTI)
	17. Pramila Pathak. Draw a Man Test Children.
	18. R. P. Srivastava and Kiran Saxena. General Mental Ability Test for Children 7 to 11 yrs. (GMATC).
	19. Usha Khire. Indian Child Intelligence Test (ICIT).
	20. Cattell and Cattell. Culture Fair (Free) Intelligence Scale Indian Adaptation by Kapoor, Rao and Singh.
	21. Verbal Intelligence Test (Age -10 -19) P. Shrinivasan.
	22. Non - Verbal Intelligence Test (Age-8-14) (Age-14-19) P. Shrinivasan
	23. Kaufman Assessment Battery (Kaufman Test of Educational Achievement (KTEA) Wechsler Individual Achievement Test –(WIAT)

1.2	<u>TESTS OF PERSONALITY ASSESSMENTS</u>
	1. R. B. Cattell and IPAT Staff. 16 P. F. Questionnaire.
	2. S. B. G. Eysenck and H. J. Eysenck. Eysenck's Personality Questionnaire-R (EPQ-R)
	3. Porter and Cattell. Children's Personality Questionnaire (CPQ) (Indian Print).
	4. H. J. Eysenck. Maudsley Personality Inventory (MPI)
	5. H. Rorschach Ink Blot Test.
	6. H. A. Murray. Thematic Apperception Test (TAT) (Original), Uma Choudhary. Indian Modification of The Thematic Apperception Test (TAT)
	7. Leopold Bellack and S. S. Bellack. Children's Apperception Test (CAT) Original including Animal Figure, Human Figure and Uma Choudhury's Indian Modification of Children's Apperception Test (CAT)
	8. L. N. Dubey and Archana Dubey. Sentence Completion Test (SCT)
	9. Millon Clinical Multiaxial Inventory MCMI (II/III) (V2) Interpretive System-CD-ROM
	10. Minnesota Multiphasic Personality Inventory-I, II & III
1.3	<u>TESTS FOR ASSESSMENT OF ANXIETY, STRESS AND OTHER BEHAVIOURAL PATTERNS:</u>
	1. Gurmeet Singh, Dalbir Kaur and H. Kaur. Presumptive Stressful Life Event Scale (PSLES).
	2. S. K. Verma and Anita Verma. P. G. I. General Well-being Measure (PGIGWB)
	3. Frustration Scale (Age 14+) H/E K. Sharma
	4. PGI Health Questionnaire Verma, wig and Prasad
	5. N. N. Wig, D. Pershad and S. K. Verma. Cornell Medical Index Health Questionnaire (CMIHQ)
	6. Multi Dimensional Assessment of Personality Series.
	7. State Trait Anxiety Inventory for Adults
	8. State Trait Anxiety Inventory for Children
	9. IPAT Anxiety Scale
	10. State-Trait Anxiety Inventory for Children (STAIC)
	11. P. Kumar. Sexual Anxiety Scale
	12. Arun Singh, Ashish K. Singh and Arpana Singh. Singh Personal Stress Source Inventory (SPSSI) .
	13. A.K. P. Sinha and L. N. K. Sinha. Sinha's Comprehensive Anxiety Test (SCAT)
	14. Upinder Dhar, Savita Mehta and Santosh Dhar. Death Anxiety Scale (DAS) .
	15. Upinder Dhar and Manisha Jain. Type A/B Behavioural Pattern Scale (ABBPS)
	16. Beck Depression Inventory - FastScreen (BDI -FastScreen)
	17. Beck Hopelessness Scale (BHS)
	18. Beck Scale for Suicide Ideation (BSS)
	19. Adult Suicidal Ideation Questionnaire ASIQ
1,4	<u>NEUROPSYCHOLOGICAL ASSESMENT TESTS</u>
	1. NIMHANS Neuropsychological Battery - Adult Form

	2. NIMHANS Neuropsychological Battery - Children Form
	3. D. Pershad and S. K. Verma. (P. G. I. Battery of Brain Dysfunction (PGI-BBD)
	4. Repeatable Battery for the Assessment of Neuropsychological Status (RBANS)
	5. Neuropsychological assessment Battery (NAB)
	6. Luria-Nebraska Neuropsychological assessment
	7. CANTAB neuro psychological test battery- computerized version
	8. Dyslexia Screening Instrument (DSI)
	9. Bender Visual-Motor Gestalt Test
	10. Boston Diagnostic Aphasia Examination BDAE Complete Kit
	11. Multilingual Aphasia Examination, 3rd Edition (MAE)
	12. Wisconsin Card Sorting Test computerized version
	13. Tower of London (Executive functions)
	14. D. Pershad and N. N. Wig. P. G. I. Memory Scale (PGIMS)
	15. Children 's Memory Scale (CMS)
	16. Knox Cube Test (Age- 4-19)
	17. Memory assessment Scales (MAS)
	18. Dementia Rating Scale -2 (DRS-2)
	19. Weschler memory Scale
	20. Letter cancellation test
	21. Stroop Colour test
	22. BACS (Brief Assessment of Cognition in Schizophrenia)
	23. MATRICS (Measurement and Treatment Research to Improve Cognition in schizophrenia)
1.5	<u>TESTS FOR ASSESSMENT OF CHILD AND ADOLESCENCE BAHAVIOUR INTERPERSONAL RELATIONSHIP, INTEREST, HOME ENVIRONMENT, ETC.</u>
	1. Nalini Rao. Parent Child Relationship Scale (PCRS) .
	2. Y. Singh and M. Bhargava. Emotional Maturity Scale (EMS) .
	3. Brown Attention-Deficit Disorder Scales (Brown ADD Scales)
	4. Child Behavior Checklists
	5. Child Behavior Checklists Preschool Computer-Scoring starter kit:
	6. Childhood Trauma Questionnaire (CTQ)
	7. Children's Communication Checklist (CCC-2)
	8. Children's Memory Scale (CMS)
	9. Children's PTSD Inventory
	10. Children's Test of Nonword Repetition (CN REP)
	11. Conners Comprehensive Behavior Rating Scales (Conners CBRS)
	12. B. K. Passi and Usha Kumar. Passi-Usha Test of Creative Problem Solving (PUTCPS) .
	13. G. P. Sherry and J. C. Sinha. Family Relationship Inventory (FRI) .

	14. N. S. Chauhan and C. P. Khokhar. Multi Dimensional. Parenting Scale (MDPS)
	15. R. L. Bharadwaj. Parenting Scale (P Scale) ./English
	16. Kusum Agrawal. Agarwal Parental Encouragement Scale (APES) .
	17. K. S. Mishra. Home Environment Inventory (HEI) .
	18. Harpreet Bhatia and N. K. Chadha. Family Environment Scale (FES).
	19. V. Veeraraghavan and A. Dogra. Family Pathology Scale (FPS) ./.
	20. Praveen Kumar Jha. Behaviour Orientation Scale (BOS) .
	21. Praveen Kumar Jha. Perceived Loneliness Scale (PL-Scale) .
	22. A Sengupta and A K. Singh. Emotional Stability Test for Children (ESTC) .
	23. S. B. Kakkar. Kakkar Socio-Economic Status Scale (KSESS).
	24. P. Bhatnagar and M. R. Rastogi. Family Scale (FS) .
	25. R. K. Ojha Bell's. Adjustment Inventory .
	26. Global Adjustment Scale (GAS-A) Form A for Students -
	27. G. P. Mathur and Rajkumari Bhatnagar. Aggression Scale (AS).
	28. Exploring the Spectrum of Autism and Pervasive Developmental Disorders
	29. ADHD Symptom Checklist-4 (ADHD-SC4)
	30. ADHD Symptoms Rating Scale (ADHD-SRS)
	31. Conduct disorder Scale (CDS)
	32. Classification of Violence Risk (COVR)
	33. N. S. Chauhan and U. Dhar. Socio-genic Need Satisfaction Scale (SNSS)
	34. N. K. Chadha and S. Chandna. Dimensions of Temperament Scale (DTS)
	35. Adolescent Anger Rating Scale (AARS)
1.6	TESTS FOR ASSESSMENT OF DYSLEXIA:
	1. Dyslexia Adult Screening Test (DAST)
	2. Dyslexia Early Screening Test
	3. Dyslexia Screening Test - Junior (DST-J)
	4. Dyslexia Screening Test - Secondary (DST-S)
1.7	INVENTORY AND INTERVIEW SCHEDULES:
	1. Structured Clinical Interview Schedule – SCAN/SCID/CATEGO
	2. Temperament and Character Inventory
	3. Maslach burn out inventory
1.8	PSYCHOLOGICAL TESTS FOR TEACHING TECHNOLOGY:
	1. R. C. Deva. Teacher Rating Scale (TRS).
	2. Passi and M. S. Lalitha. General Teaching Competency Scale (GTCS).
	3. S. B. Kakkar. Kakkar Fitness for Teaching Scale (KFTS).
1.9	OTHER TEST MATERIALS:
	1. Judging Emotions By Photographs
	2. Stop Watch (Timer) Racer Electronics (SWE)

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

- a) Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) Warranty period will be from the date of installation, commissioning and Site Modification Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
- b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
- c) All software updates should be provided free of cost during Warranty period.

2. After Sales Service:

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

3. Training:

On Site training to Doctors/ Technicians/ staff is to be provided by Principal/ Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee. The same will be in line with the training modalities as specified in general technical specification.

4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Site Modification Work:

- a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period is to be quoted on yearly basis for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) and Site Modification Work (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
- b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
- d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5 % of the cost of the equipment as per Section XIV valid till 2 months after expiry of entire CMC period.
- e) There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- f) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.

- g) All software updates should be provided free of cost during CMC.
- h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
- i) The payment of CMC will be made as stipulated in GCC Clause 21.

5. Site Modification Work:

Site Modification Work is indicated in the technical specification of the respective items, wherever required. The Tenderer shall examine the existing site where the equipment is to be installed, in consultation with HOD of Institution concerned. Site Modification Work, if any, is given at the end of Technical Specification, the Tenderer have to quote prices indicating break-up of prices of the Machine and Site Modification Work. The Site Modification Work costs to be quoted in Indian Rupee only and will be added for Ranking Purpose.

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

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

Note 1: Tenderer's attention is drawn to GIT clause 18 and GIT sub-clause 11.1 A (iii). The tenderer is to provide the required details, information, confirmations, etc. accordingly failing which it's tender is liable to be ignored.

Note 2: General: Bidders are requested to make sure that they should attach the list of equipment for carrying out routine and preventive maintenance wherever asked for and should make sure that Electrical Safety Analyzer / Tester for Medical equipment to periodically check the electrical safety aspects as per BIS Safety Standards IS-13540 which is also equivalent to IEC electrical safety standard IEC-60601 is a part of the equipment s. If the Electrical Safety Analyzer/Tester is not available they should provide a commitment to get the equipment checked for electrical safety compliance with Electronic Regional Test Labs / Electronics Test and Development Centres across the country on every preventive maintenance call.

Note 3: Adequate training of personnel and non-locked open software and standard interface interoperability conditions for networked equipment in hospital management information system (HMIS)

The successful tenderer will be required to undertake to provide at his cost technical training for personnel involved in the use and handling of the equipment on site at the institute immediately after its installation. The company shall be required to train the institute personnel onsite for a minimum period of 1 month

All software updates should be provided free of cost during warranty period and CMC period

SECTION – VIII**QUALIFICATION CRITERIA**

1. The bidder should be in the business for supply of medical equipment. However, the bidder quoting for items namely **Dental Chair**, **Dental X-Ray** and **ENT Examination chair** should be a manufacturer or its authorized agent (an agent should submit Manufacturer Authorization as per prescribed format at Section-XIII) to quote and enter into a contractual obligation.
- 2(a) For **Dental Chair**, **Dental X-Ray** and **ENT Examination chair**:
The Manufacturer should have successfully executed in last 03 (three) years from the date of Tender Opening, at least 100% of the quoted quantity of the similar equipment/goods meeting major parameters of technical specification, in any Hospital/Medical College/ in India.
- 2(b) For all tender items:
The bidder should have successfully executed at least 03 (three) contract of any medical equipment in the last 03 (three) years from the date of tender opening in any Hospital/Medical College in India.
3. The bidders/ firms identifying as MSME and or start-up firms are exempted from fulfilling criteria at S. No. 2 (a) and 2(b) stated above. However, this does not exempt any bidder/ firm/ manufacturer from fulfilling the quality requirements.

NOTE:

1. The tenderer shall give an affidavit as under:

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

2. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma ‘A’.
The manufacturer (Tenderer)/ Indian Agent shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly notarized in the country of origin, alongwith the tender.
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 03 years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Tenderer : _____

Name and address of the manufacturer : _____

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

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

Signature and seal of the Tenderer

SECTION – IX**TENDER FORM**

Date _____

To
 CEO
 HLL Infra Tech Services Limited
 Procurement and Consultancy Division
 B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

Ref. Your TE document No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ (*Description of goods and services*) in conformity with your above referred document **for the sum as shown in the price schedules attached herewith and made part of this tender**. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

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

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

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

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

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

(Signature with date)

(Name and designation)

Duly authorised to sign tender for and on behalf
 of

SECTION – X

PRICE SCHEDULE

Price to be filled in the relevant field strictly as per the Price Format provided in the e-tender portal '<https://etender.lifecarehll.com/irj/portal>' under the Event/RFx no. as per terms of the tender

SECTION – XI
QUESTIONNAIRE

Fill up the Techno-Commercial Compliance Sheet Bid provided in spreadsheet (Excel file) and upload in the C-Folder

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

Note: The documents like Priced Proforma Invoice (Single Proforma Invoice from Manufacturer’s indicating uniform unit rates) and List of Consumables with prices can be uploaded in the Notes & Attachment under Rfx information (Please note, in the separate Notes & Attachment provided under Rfx information and not in the C-Folder Notes & Attachments).

SECTION – XII

BANK GUARANTEE FORM FOR EMD

Whereas _____ (hereinafter called the “Tenderer”) has submitted its quotation dated _____ for the supply of _____ (hereinafter called the “tender”) against the purchaser’s tender enquiry No. _____ Know all persons by these presents that we _____ of _____ (Hereinafter called the “Bank”) having our registered office at _____ are bound unto _____ (hereinafter called the “Purchaser) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20____. The conditions of this obligation are:

- 1) If the Tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-

fails or refuses to furnish the performance security for the due performance of the contract or fails or refuses to accept/execute the contract or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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

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

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

.....
Name and designation of the officer

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

SECTION – XIII

MANUFACTURER’S AUTHORISATION FORM

CEO
HLL Infra Tech Services Limited
Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

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 tender*) having factories at _____, hereby authorise Messrs _____ (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this tender for the following reason(s):

(*please provide reason here*).

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

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

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

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

Yours faithfully,

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

Note:

- (1) *This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.*
- (2) *Original letter may be sent.*
- (3) *The purchaser reserves the right to verify this document with its signatory.*

SECTION – XIV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY

CEO
HLL Infra Tech Services Limited
Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

WHEREAS _____ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no _____ dated _____ to supply (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

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

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

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

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

This guarantee shall be valid till such time to cover two months beyond the warranty period from the date of Notification of Award i.e. up to _____ (indicate date).

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

.....
Name and designation of the officer

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

SECTION – XV

CONTRACT FORM - A

CONTRACT FORM FOR SUPPLY, INSTALLATION, COMMISSIONING, HANDING OVER, TRIAL RUN, TRAINING OF OPERATORS & WARRANTY OF GOODS

(Address of the Purchaser/Consignee
Office issuing the contract)

Contract No _____ dated _____

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

1. Name & address of the Supplier: _____
2. Purchaser’s TE document No _____ dated _____ and subsequent Amendment No _____, dated _____ (if any), issued by the purchaser
3. Supplier’s Tender No _____ dated _____ and subsequent communication(s) No _____ dated _____ (if any), exchanged between the supplier and the purchaser in connection with this tender.
4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as integral part of this contract:
 - (i) General Conditions of Contract;
 - (ii) Special Conditions of Contract;
 - (iii) List of Requirements;
 - (iv) Technical Specifications;
 - (v) Quality Control Requirements;
 - (vi) Tender Form furnished by the supplier;
 - (vii) Price Schedule(s) furnished by the supplier in its tender;
 - (viii) Manufacturers’ Authorisation Form (if applicable for this tender);
 - (ix) Purchaser’s Notification of Award

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

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:
 - (i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

Event/ RFx 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
- (iv) Quality Control
 - (a) Mode(s), stage(s) and place(s) of conducting inspections and tests.
 - (b) Designation and address of purchaser's inspecting officer
- (v) Destination and despatch instructions
- (vi) Consignee, including port consignee, if any

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

(Signature, name and address of the Purchaser's/Consignee's authorised official)
For and on behalf of _____

Received and accepted this contract
(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)
For and on behalf of _____
(Name and address of the supplier)
(Seal of the supplier)

Date: _____

Place: _____

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

Annual CM Contract No. _____

dated _____

Between

(Address of Head of Hospital)

And

(Name & Address of the Supplier)

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

In continuation to the above referred contract

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

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

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

- The CMC commence from the date of expiry of all obligations under Warranty i.e. from _____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)
- The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period for number of years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Site Modification Work (if any).
- There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- All software updates should be provided free of cost during CMC.
- The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of the

equipment as per contract] shall be furnished in the prescribed format given in Section XIV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.

8. If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. _____ (equivalent to 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.
9. **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.
10. **Paying authority:** _____ (name of the consignee i.e. Hospital/institute authorised official)

(Signature, name and address
of Hospital authorised official)
For and on behalf of _____

Received and accepted this contract.
(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)
For and on behalf of _____
(Name and address of the supplier)
(Seal of the supplier)

Date: _____

Place: _____

SECTION – XVI

CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorized representative)

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

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

SECTION – XVII

FINAL 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 on which site clearance given for installation: _____
- 8) Date of Installation/Commissioning and Acceptance of Equipment: _____
- 9) 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)
- 10) The amount of recovery on account of failure of the supplier to meet his contractual obligations is _____ (here indicate the amount).
- 11) Signature of Authorized Representative of Consignee with date: _____
- 12) Name and designation of Authorized Representative of Consignee: _____
- 13) Seal of the Consignee: _____

APPENDIX – A

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

Dated 28th May, 2018
Udyog Bhawan, New Delhi

To
All Central Ministries/Departments/CPSUs/All concerned

ORDER

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

Department of Industrial Policy and Promotion, in partial modification of Order No.P-45021/2/2017-B.E.-II dated 15.6.2017, hereby issues the revised 'Public Procurement (Preference to Make in India), Order 2017' with immediate effect:-

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

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

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

Now therefore the following Order is issued :

1. This Order is issued pursuant to Rule 153 (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.

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

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

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

.....Contd. p/2

'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. Requirement of Purchase Preference :** Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder”
- a. “In procurement of goods, services or works in respect of which the Nodal Ministry has communicated that there is sufficient local capacity and local competition, and where the estimated value of procurement is Rs. 50 lakhs or less, only local suppliers shall be eligible. If the estimated value of procurement of such goods or services or works is more than Rs. 50 lakhs, the provisions of sub-paragraph b or c, as the case may be, shall apply”;
 - b. “In the procurements of goods or works which are not covered by paragraph 3a and which are divisible in nature, the following procedure shall be followed”;
 - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
 - ii. If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
 - c. “In procurements of goods or works not covered by sub-paragraph 3a and which are not divisible, and in procurement of services where the bid is evaluated on price alone, the following procedure shall be followed”:-
 - i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.

.....Contd. p/3

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

.....Contd. p/4

- 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.
- g. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph 9h below.
- h. The Department of Expenditure shall issue suitable instructions for the effective and smooth operation of this process, so that:
 - i. The fact and duration of debarment for violation of this Order by any procuring entity are promptly brought to the notice of the Member-Convenor of the Standing Committee and the Department of Expenditure through the concerned Ministry /Department or in some other manner;
 - ii. on a periodical basis such cases are consolidated and a centralized list or decentralized lists of such suppliers with the period of debarment is maintained and displayed on website(s);
 - iii. in respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on the website(s) in the such a manner that ongoing procurements are not disrupted.

10. Specifications in Tenders and other procurement solicitations:

- a. Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports.
- b. Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of local suppliers who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier.
- c. Procuring entities shall, within 2 months of the issue of this Order review all existing eligibility norms and conditions with reference to sub-paragraphs 'a' and 'b' above.
- d. If a Nodal Ministry is satisfied that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, it may, if it deems appropriate, restrict or exclude bidders from that country from eligibility for procurement of that item and/ or other items relating to that Nodal Ministry. A copy of every instruction or decision taken in this regard shall be sent to the Chairman of the Standing Committee.

.....Contd. p/5

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

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

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

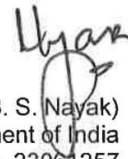
15. **Directions to Government companies:** In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.
16. **Standing Committee:** A standing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

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

.....Contd. p/6

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.


(B. S. Nayak)

Under Secretary to Government of India
Ph. 23061257

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

Dated 18th May, 2018
Janpath Bhawan, New Delhi

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

No. 31026/36/2016-MD: Whereas Department of Industrial Policy and Promotion (DIPP), 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.

Whereas DIPP, 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. DIPP vide Office Memorandum no. P-45021/13/2017-PP Section BE-II dated 23.03.2018 has decided that the Nodal Ministry for product category Medical Devices shall be Department of Pharmaceuticals.

Whereas Para 3 of PPO, 2017 makes it mandatory for procuring entities to give purchase preference to local suppliers, Para 5 of PPO, 2017 empowers Nodal Ministry to prescribe percentage and the manner of calculation of minimum local content in respect of any particular item relating to medical devices and Para 9 of PPO, 2017 deals with verification of local content.

Now, therefore, DoP issues the following guidelines for implementation of the provisions of PPO, 2017 with respect to public procurement of Goods & Services in Medical Devices:

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

Moreover, DoP needs accurate and reliable data regarding total capacity and production of various categories of medical devices in India, regarding the level

of competition in the market in different segment of medical devices and regarding the processes involved in the manufacture of medical devices for prescribing the percentage of minimum local content for each category of medical devices, for determining the manner of calculation of local content in the medical devices and for determining the purchase preference to be given to local suppliers in the procurement by the public agencies. The percentage of local content, the manner of calculation of the local content and the provision of supplies to be procured from local suppliers may be revised after relevant data in this regard becomes available.

However for the time being, based on the present level of understanding of the medical device market in India and discussion with various industry representatives, DoP in accordance with Para 5 of PPO, 2017 prescribes the following percentages of minimum local content for various categories of medical devices for preference in public procurement:

Category of Medical Devices	% of Minimum Local Content	% of Local Content proposed to be increased in phased manner over next three years
Medical disposables and consumables	50%	50% to 75%
Medical electronics, hospital equipment, surgical instruments	25%	25% to 45%
Implants	40%	40% to 60%
Diagnostic Reagents/IVDs	25%	25% to 45%

2) **Manner of calculation of Local Content:** DoP in accordance with Para 5 of PPO, 2017 prescribes the following manner of calculation of local content:

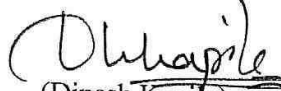
- i. Local content of Medical Device shall be computed on the basis of the cost of domestic components in the device/service compared to the total cost of the device/service. The total cost of product shall be the cost incurred for the production of the medical device including direct component i.e.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

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- 3) **Requirement of Purchase Preference:** Purchase preference shall be given to local suppliers by all procuring entities as per provisions laid down in para 3 of PPO, 2017. Further, as per provisions of Para 3(a) of the PPO 2017 i.e. in procurement of goods where sufficient local capacity and local competition exists and estimated value of procurement is Rs 50 Lakhs or less, a list of goods will be issued by this Department in due course. Till the time such a list is issued, provisions of para 3(b) or para 3(c) of PPO, 2017, as applicable, shall apply for all procurements without regard to value of procurement.
- 4) **Verification of Local Content:**
- a) The local supplier at the time of tender, bidding or solicitation shall be required to furnish self-certification of local content in the format as contained in **Enclosure-II**.
 - b) In cases of procurement for a value in excess of Rs. 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
 - c) In each tender, procuring entity shall clearly mention the details of its competent authority which is empowered to look into procurement related complaints and the fees for such complaints, relating to implementation of PPO, 2017.
 - d) In case a complaint is received by the procuring entity against the claim of a bidder regarding domestic value addition in medical device, the procuring entity shall have full rights to inspect and examine all the related documents and take a decision. In case any clarification is needed, matter may be referred to DoP to the Grievance Redressal Committee consisting of the following:
 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
 - e) Any complaint referred to the procuring entity shall be submitted along with all necessary documentation in support of the complaint regarding domestic value addition claimed in medical device and shall be disposed of within 4 weeks of the reference by the procuring entity.
 - f) In case, the complaint is referred to DoP by a bidder or procuring entity, the grievance redressal committee shall dispose of the complaint within 4 weeks of its reference and receipt of all documents from the bidder after taking in consideration, the view of the procuring entity. The bidder shall be required to furnish the necessary documentation in support of the local content claimed in medical devices to the grievance redressal committee under DoP within 2 weeks of the reference of the matter. If no information is furnished by the bidder, the grievance redressal committee may take further necessary action, in consultation with procuring entity to establish the bonafides of the claim.
 - g) In case of reference of any complaint 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

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complaints by the complainant. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.

- 5) All other provisions of PPO, 2017 shall be applicable as such and shall be adhered to by all procuring agencies for procurement of any medical device.
- 6) These guidelines shall remain applicable for one year or until further orders from the date of its issuance.


(Dinesh Kapila)
Economic Adviser
Ph. 23381927

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Enclosure-I**Calculation of Local Content**

Name of manufacturer	Calculation by Manufacturer (Cost per unit of product)		
	Cost Component Cost (Domestic Component) a	Total Cost b	Percentage of Local Content $c=(a/b)*100$
I.			
II.			
III. Total Cost (Excluding tax and duties)			

Note:

- I. **Cost (Domestic Component):** Cost of domestic component may be calculated based on one of the followings depending on data available. Each of these calculations should provide consistent result.
- Sum of the costs of all inputs which go into the product (including duties and taxes levied on procurement of inputs except those for which credit/ set-off can be taken) and which have not been imported directly or through a domestic trader or an intermediary.
 - Ex-Factory Price of product minus profit after tax minus sum of imported Bill of Material used (directly or indirectly) as inputs in producing the product (including duties and taxes levied on procurement of inputs except those for which credit/ set-off can be taken) minus warranty costs.
 - Market price minus post-production freight, insurance and other handling costs minus profit after tax minus warranty costs minus sum of Imported Bill of Material used as inputs in producing the product (including duties and taxes levied on procurement of inputs except those for which credit / set-off can be taken) minus sales and marketing expenses.
- II. **Total Cost:** Total cost may be calculated based on one of the following depending on data available. Each of these calculations should provide consistent result.
- Sum of the costs of all inputs which go into the product (including duties and taxes levied on procurement of inputs except those for which credit / set-off can be taken).
 - Ex-Factory Price of product minus profit after tax, minus warranty costs.
 - Market price minus post-production freight, insurance and other handling costs minus profit after tax, minus warranty costs minus sales and marketing expenses.

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

Date: _____

I _____ S/o,D/o,W/o _____, Resident of _____

do hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the policy of Government of India issued vide Notification No:

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring entity or any authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content.

That the local content for all inputs which constitute the said medical device has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value-addition norms, based on the assessment of an authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content, action will be taken against me as per Order No. P-45021/2/2017-B.E.-II dated 15.06.2017 and Guidelines issued vide letter no. 31026/36/2016-MD dated 18.02.2018.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority:

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



For and on behalf of _____ **(Name of firm/entity)**
Authorized signatory (To be duly authorized by the Board of Director)

APPENDIX-B
INTEGRITY PACT

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

PRE-CONTRACT INTEGRITY PACT

This Pre-Contract Integrity Pact (herein after called the Integrity Pact) is made on _____ day of the month of February 2012,

Between

HLL Infra Tech Services Ltd. [HITES], a wholly owned subsidiary company of M/s. HLL Lifecare Ltd. a Government of India Enterprise with registered office at HLL Bhavan, Poojappura, Thiruvananthapuram 695 012, Kerala, 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 _____ with office at _____ represented by Shri _____, Chief Executive Officer (hereinafter called the "BIDDER/Seller"/Contractor which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Party.

Preamble

[Both HITES and BIDDER referred above are jointly referred to as the Parties]

HITES intends to award, under laid down organizational procedures, Purchase orders / contract/s against Tender /Work Order /Purchase Order No. HITES desires full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

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:-

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

1. Enable HITES to obtain the desired materials/ stores/equipment/ work/ project done 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
2. Enable the BIDDER 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 HITES will commit to prevent corruption, in any form, by its officials by following transparent procedures.

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

Clause.1. Commitments of HITES

- 1.1 HITES undertakes that HITES and/or its Associates (i.e. employees, agents, consultants, advisors, etc.) will not 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, 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.
- 1.2 HITES will, during the tender process / pre-contract stage, treat all BIDDERS with equity and reason, and will provide to all BIDDERS the same information and will not provide any such information or additional information, which is confidential in any manner, to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS in relation to tendering process or during the contract execution.
- 1.3 All the officials of HITES will report to Chief Vigilance Officer of HITES (CVO), any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 1.4 HITES will exclude from the process all known prejudiced persons and persons who would be known to have a connection or nexus with the prospective bidder.

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

- 1.5 If the BIDDER reports to HITES with full and verifiable facts any misconduct on the part of HITES's Associates (i.e. employees, agents, consultants, advisors, etc.) 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. Further, such an Associate may 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.

Clause 2. Commitments of BIDDERS/ CONTRACTORS

2. The BIDDER 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:-

- 2.1 The BIDDER will not offer, directly or indirectly (i.e. employees, agents, consultants, advisors, etc.) any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of HITES, 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 of the contract.

- 2.2 The BIDDER 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 the contract or forbearing to do or having done any act in relation to obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with the Government.

- 2.3 The BIDDER will not engage in collusion, price fixing, cartelization, etc. with other counterparty(s).

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

- 2.4 The counterparty will not pass to any third party any confidential information entrusted to it, unless duly authorized by HITES.
- 2.5 The counterparty will promote and observe ethical practices within its Organization and its affiliates.
- 2.6 BIDDER shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
- 2.7 The counterparty will not make any false or misleading allegations against HITES or its Associates.
- 2.8 BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
- 2.9 The BIDDER further confirms and declares to HITES that the BIDDER is the original manufacture/integrator/authorized government sponsored export entity of the defense stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to HITES or any of its functionaries, whether officially or unofficially to award the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 2.10 The BIDDER 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.
- 2.11 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 2.12 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

- 2.13 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, 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 firm, the same shall be disclosed by the BIDDER at the time of filing of tender.

The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.

- 2.14 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of HITES.
- 2.15 The BIDDER 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, and will not enter into any undisclosed agreement or understanding with other Bidders, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.16 The BIDDER will not commit any offence under the relevant Indian Penal Code, 1860 or Prevention of Corruption Act, 1988; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the HITES as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.17 The BIDDER will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.18 The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign Principal(s), if any.

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

Clause.3. Previous contravention and Disqualification from tender process and exclusion from future contracts

3.1

The BIDDER declares that no previous contravention occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process

3.2

The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

If BIDDER before award or during execution has committed a contravention through a violation of Clause 2, above or in any other form such as to put his reliability or credibility in question, HITES is entitled to disqualify the BIDDER from the tender process.

Clause .4. Equal treatment of all Bidders / Contractors / Subcontractors

4.1

The Bidder(s)/ Contractor(s) undertake(s) to demand from his Subcontractors a commitment in conformity with this Integrity Pact.

4.2

HITES will enter into agreements with identical conditions as this one with all Bidders and Contractors.

4.3

HITES will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Clause .5. Consequences of Violation / Breach

5.1 Any breach of the aforesaid provision by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle HITES to take all or any one of the following action, wherever required:-

HLL Infra Tech Services Ltd.

Division : _____

Tender No: _____

- i. To Immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
- ii. If BIDDER commits violation of Integrity Pact Policy during bidding process, he shall be liable to compensate HITES by way of liquidated damages amounting to a sum equivalent to 5% to the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
- iii. In case of violation of the Integrity Pact after award of the contract, HITES will be entitled to terminate the contract. HITES shall also be entitled to recover from the contractor liquidated damages equivalent to 10% of the contract value or the amount equivalent to security deposit/ performance guarantee, whichever is higher.
- iv. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
- v. To recover all sums already paid by HITES, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from HITES in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid amount.
- vi. To encash the advance bank guarantee and performance guarantee /warranty bond, if furnished by the BIDDER, in order to recover the payments already made by HITES, along with interest.
- vii. To cancel all or any other contract with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to HITES resulting from such cancellation/recession and HITES shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

HLL Infra Tech Services Ltd.

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- viii. To debar the BIDDER from participating in future bidding processes of HITES for a minimum period of five (5) years, which may be further extended at the discretion of HITES or until Independent External Monitors is satisfied that the Counterparty will not commit any future violation.
- ix. To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
- x. In cases where irrevocable Letters of credit have been received in respect of any contract signed by HITES with the BIDDER, the same shall not be opened.
- xi. Forfeiture of performance guarantee in case of a decision by HITES to forfeit the same without assigning any reason for imposing sanction for violation of the pact.

5.2 HITES will be entitled to all or any of the actions mentioned in para 5.1(i) to (x) of this pact also on the commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), 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.

5.3 The decision of HITES to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

Clause.6. Fall Clause

The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems OR providing similar services at a price / charge lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found any stage that similar product/systems or sub systems was supplied by the BIDDER to any to the Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to HITES, if the contract has already been concluded.

HLL Infra Tech Services Ltd.

Division : _____

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Clause .7. Independent External Monitor(s)

- 7.1 HITES has appointed Independent External Monitor(s) (hereinafter referred to as Monitor(s)) for this Pact in consultation with the Central Vigilance Commission (Name and addresses of the Monitor(s) to be given).
- 7.2 The responsibility of the Monitor(s) shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 7.3 The Monitor(s) shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 7.4 Both the parties accept that the Monitor(s) have the right to access all the documents relating to the project/ procurement, including minutes of meetings.
- 7.5 As soon as the Monitor(s) notices, or has reason to believe, a violation of this pact, he will so inform the CVO.
- 7.6 The BIDDER(S) accepts that the Monitor(s) have the right to access without restriction to all project documentation of HITES including that provided by the BIDDER. The BIDDER will also grant the Monitor(s), upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to subcontractors engaged by the BIDDER. The Monitor(s) shall be under contractual obligation to treat the information and documents of the BIDDER/ Subcontractor(s) with confidentiality.
- 7.7 HITES will provide to the Monitor(s) sufficient information about all meetings among the parties related to the Project provided such meeting could have an impact on the contractual relation between the parties. The parties will offer to the Monitor(s) option to participate in such meetings.
- 7.8 The Monitor(s) will submit a written report to the CVO of HITES within 8 to 10 weeks from the date of reference or intimation to him by HITES/BIDDER and, should consent arise, submit proposals for correcting problematic situations.

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**Clause.8.Criminal charges against violating Bidder(s)/
_____ Contractor(s)/ Subcontractor(s)**

If HITES obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if HITES has substantive suspicion in this regard, HITES will inform the same to the Chief Vigilance Officer.

Clause.9. 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 and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

Clause.10. Law and Place of Jurisdiction

Both the Parties agree that this Pact is subject to Indian Law. The place of performance and hence this Pact shall be subject to Thiruvananthapuram Jurisdiction.

Clause.11. Other legal Actions

The actions stipulated in the 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.

Clause.12. Validity and Duration of the Agreement

This Pact begins when both parties have legally signed it. It expires for the Contractor/Successful bidder 12 months after the last payment under the contract or the complete execution of the contract to the satisfaction of the both HITES and the BIDDER /Seller, including warranty period, whichever is later, and for all other Bidders/unsuccessful bidders 6 months after the contract has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Chairman and Managing Director of HITES.

HLL Infra Tech Services Ltd.

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Clause. 13. Other provisions

- 13.1 Changes and supplements as well as termination notices need to be made in writing. Both the Parties declare that no side agreements have been made to this Integrity Pact.
- 13.1 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 13.1 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions

INWITNESS THEREOF the parties have signed and executed this pact at the place and date first above mentioned in the presents of following witnesses:

HLL Infra Tech Services Ltd.

Bidder

Director & CEO

Chief Executive

Witness

Witness

1.....

1.....

2.....

2.....

* Provisions of these clauses would be amended /deleted in line with the policy of the HITES in regard to involvement of Indian agents of foreign suppliers.