## TENDER FOR ESTABLISHMENT OF DEIC IN THE STATE OF HARYANA ON TURNKEY BASIS.

**IFB NO: HLL/AFT-CMO/HR-DEIC/EQP/2017-18**

**DATED 14.02.2018**

#####

#####  HLL LIFECARE LIMITED

**(A Govt. of India Enterprise)**

AKKULAM FACTORY, SREEKARIAM P.O.

THIRUVANANTHAPURAM – 17

KERALA, INDIA

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AKKULAM FACTORY, SREEKARIAM P.O.

THIRUVANANTHAPURAM – 17

KERALA, INDIA

**HLL/AFT-CMO/HR-DEIC/EQP/2017-18, DT. 14.02.2018**

**SECTION - I**

**NOTICE INVITING TENDERS**

HLL Lifecare Limited hereby invites sealed bids under Two-Bid system from eligible Suppliers/Manufacturers for Establishment of DEIC at Three District Hospitals in the State of Haryana on turnkey basis**.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **DESCRIPTION OF** **EQUIPMENT** | **Tender Fee** | **EMD amount** | **Period of completion** |
| A | DEIC Equipments as per the list | Rs. 5,000/- | Rs. 3,65,000/- | 25 Days from the date of LOI/PO |

Tender Documents will be issued from the Office of the Joint General Manager (Materials), HLL Lifecare Limited, Akkulam Factory, Sreekariam PO, Thiruvananthapuram – 17 from **14.02.2018 to 28.02.2018** on all working days between 11.00 AM and 4.00 PM, on payment of non-refundable fee of Rs. 5000.00 (Rupees Five Thousand only) (Including tax) per equipment. The tender may also be downloaded from our web site [www.lifecarehll.com](http://www.lifecarehll.com) and the tender cost shall be submitted along with the tender in the form of Demand Draft taken in favour of HLL Lifecare Limited payable at Thiruvananthapuram. Failing to submit the tender document fee, the bid is liable to be rejected. SSI/MSME units interested in availing exemption from payment of Tender Fee & EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC. SSI/MSME units are not exempted from the Security Deposit, if the tender is awarded.

Last date and time of receipt of Tender : - 28.02.2018 at 14.00 PM.

Date and time of opening of Tender : - 28.02.2018 at 15.00 PM.

**Joint General Manager (Materials)**

**SCHEDULE FOR SUBMISSION OF APPLICATION**

|  |  |
| --- | --- |
| EVENT | DATE |
| Starting date of sale of documents  | 14.02.2018 |
| Last date of sale of documents  | 28.02.2018 |
| Last date and time for submission of completed Tender | 28.02.2018 at 14.00 PM |
| Date and time for Opening of Technical Bid | 28.02.2018 at 15.00 PM |

The completed Tender should be submitted before the due date and time of submission at the following address.

Joint General Manager (Materials),

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

**SECTION - II**

**GENERAL INSTRUCTIONS TO TENDERERS (GIT)**

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**SECTION – II**

**GENERAL INSTRUCTIONS TO TENDERERS (GIT)**

**A. PREAMBLE**

**1. Definitions and Abbreviations**

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

1.2. Definitions:

(i) “Purchaser” means the organization purchasing goods and services as incorporated in the Tender Enquiry document.

(ii) “Tender” means Bids / Quotation / Tender received from a Firm / Tenderer /Bidder.

(iii) “Tenderer” means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender

(iii) “Supplier” means the individual or the firm supplying the goods and services as incorporated in the contract.

(iv) “Goods” means the articles, material, commodities, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, etc. which the supplier is required to supply to the purchaser under the contract.

(v) “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.

(vi) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.

(vii) “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.

(viii) “Performance Security” means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.

(ix) “Consignee” means the Hospital/Institute person to whom the goods are required to be delivered as specified in the Contract.

(x) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.

(xi) “Inspection” means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.

(xii) “Day” means calendar day.

1.3 Abbreviations:

(i) “T E Document” means Tender Enquiry Document

(ii) “NIT” means Notice Inviting Tenders.

(iii) “GIT” means General Instructions to Tenderers

(iv) “SIT” means Special Instructions to Tenderers

(v) “GCC” means General Conditions of Contract

(vi) “SCC” means Special Conditions of Contract

(vii) “DGS&D” means Directorate General of Supplies and Disposals

(viii) “NSIC” means National Small Industries Corporation

(ix) “PSU” means Public Sector Undertaking

(x) “CPSU” means Central Public Sector Undertaking

 (xi) “SSI” means Small Scale Industry

(xii) “LC” means Letter of Credit

(xiii) “DP” means Delivery Period

(xiv) “BG” means Bank Guarantee

(xv) “GST” Goods and Service Tax

(xvi) “RR” means Railway Receipt

(xvii) “BL” means Bill of Lading

(xviii) “FOB” means Free on Board

(xix) “FCA” means Free Carrier

(xx) “FOR” means Free On Rail

(xxi) “CIF” means Cost, Insurance and Freight

(xxii) “CIP (Destinations)” means Carriage and Insurance Paid up to named port of destination. Additionally the Insurance, local transportation and storage shall be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery

(xxiii) “DDP” means Delivery Duty Paid named place of destination (consignee site)

(xxiv) “INCOTERMS” means International Commercial Terms as on the date of Tender Opening

(xxv) “RT” means Re-Tender

(xxvi) “CAMC” Comprehensive Annual Maintenance Contract

**2. Introduction**

2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – V and VI – “List of Requirements” and “Technical Specifications”.

2.2 This section (Section II - “General Instruction Tenderers”) provides the relevant information as well as instructions to assist the prospective tenderers in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.

2.3 Deleted.

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

**3. Availability of funds**

 Deleted.

**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**.**

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

**5. Eligible Tenderers**

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

 **6. Eligible Goods and Services**

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

**7. Tendering Expense**

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

**B. TENDER DOCUMENTS**

**8. Content of Tender Documents**

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

* Section II – General Instructions to Tenderers (GIT)
* Section III – General Conditions of Contract (GCC)
* Section IV – Special Conditions of Contract (SCC)
* Section V – List of Equipments
* Section VI – Technical Specifications
* Section VII – Quality Control Requirements
* Section VIII – Qualification Criteria
* Section IX – Tender Form
* Section X – Price Schedules
* Section XI – Check List
* Section XII – Bank Guarantee Form for EMD
* Section XIII – Bank Guarantee Form for Performance Security/CAMC Security
* Section XIV – Manufacturer’s/Distributor’s Authorisation Form
* Section XV – Contract Form’ A ‘
* Section XVI – Contract Form ‘B’
* Section XVII – Proforma of Consignee Receipt Certificate
* Section XVIII – Proforma of Final Acceptance Certificate by the consignee

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 Tender documents**

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

9.2 Such an amendment will be notified in Purchaser’s Website [www.lifecarehll.com](http://www.lifecarehll.com) and also in writing by registered/speed post or by e-mail, to all prospective tenderers, which have received the TE documents and will be binding on them.

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 Tender documents**

10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than 5 days prior to the prescribed date of submission of tender.

1. **C. PREPARATION OF TENDERS**

**11. Documents Comprising the Tender**

11.1 The **Two bid System**, i.e. “Techno–Commercial Tender” and “Price Tender” prepared by the tenderer shall comprise the following:

**A) Techno–Commercial Tender (Un priced Tender)**

i) Earnest money furnished in accordance with GIT clause 19.1

ii) Tender Form as per Section IX **(Un priced).**

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

iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer’s/ Distributor’s Authorisation Form.

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

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

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

viii) Price Schedule(s) as per Section X filled up with all the details including Make, Model etc. of the goods offered with prices blank **(without indicating any prices).**

ix) Certificate of Incorporation in the country of origin.

1. Checklist as per Section XI.
2. Technical Compliance Statement (specification points-wise) along with pamphlets/Catalogue.

**B) Price Tender:**

The information given at clause no. 11.1 A) ii) & viii) above should be reproduced with the prices indicated.

#### N.B.

All pages of the Tender should be page numbered and indexed.

It is the responsibility of tenderer to go through the TE document to ensure furnishing

all required documents in addition to above, if any.

11.2 The authorized signatory of the tenderer must sign the tender duly stamped at appropriate places and initial all the remaining pages of the tender.

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

 11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

**12. Tender currencies**

12.1 The tenderer shall quote only in Indian Rupees.

 Tenders, where prices are quoted in any other way shall be treated as non -responsive and rejected.

**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. All the columns shown in the price schedule should be filled up as required. If any column doesn’t apply to a tender, same should be clarified as “NA” by the tenderer.

13.2 Deleted.

13.3 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:

a) GST which will be payable on the goods shall be indicated in the SECTION X (a). in absence of GST, it will be treated as inclusive.

b) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading, Positioning and other local costs incidental to delivery of the goods to their final destination as specified in Price Schedule;

c) The price of Incidental Services, as mentioned in Section V & VI, Price Schedule and GCC shall be considered;

d) The price of CAMC including all taxes and duties, as mentioned in GCC, SCC, List of Equipments, Technical Specification and Price Schedule shall be considered.

13.4 Additional information and instruction on GST:

13.4.1The price will be taken inclusive of GST and no claim for the same will be entertained later.

13.5 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.

13.6 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.

13.7 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, the tenderer should have engaged an agent in India in connection with its tender and shall furnish the following information:

a) The complete name, address, contact person and contact number of the Indian Agent(s)/service centres and its permanent income tax account number as allotted by the Indian Income Tax authority.

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

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

**15. Firm Price**

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

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

**16. Alternative Tenders**

16.1 Alternative Tenders are not permitted.

**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/Distributor’s authorization letter to this effect as per the standard form provided under Section XIV in this document.

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

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

**18. Documents establishing Good’s Conformity to Tender 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 Tender 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 Tender 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 misguiding 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

|  |  |  |
| --- | --- | --- |
| **Sl No** | **Item** | **EMD (Rs)** |
| **A** | **DEIC Equipments** | **3,65,000.00** |

 Earnest Money shall be in the form of a Demand Draft of a scheduled bank issued in favour of HLL Lifecare Limited, Thiruvananthapuram, or in the form of an irrevocable guarantee bond of any scheduled bank or State Bank of India and its associates, which should be placed in a separate sealed cover marked “Earnest Money” shall be submitted along with the tenders.

19.2 The earnest money shall be in Indian Rupees.

19.3 The earnest money in the form of BG 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.

19.4 Unsuccessful tenderers’ earnest money will be returned to them without any interest, 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.

19.5 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.

**20. Tender Validity**

20.1 If not mentioned otherwise, the tenders shall remain valid for acceptance for a period of 120 days after the date of tender opening prescribed in the Tender document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by e-mail or 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.

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. Signing and Sealing of Tender**

* 1. The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11

21.2 The original of the tender shall either be typed or written in indelible ink and the same shall be signed by the tenderer or by a person(s) who has been duly authorized to bind the tenderer to the contract. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the tender.

21.3 All the copies of the tender shall be duly signed at the appropriate places as indicated in the Tender documents and all other pages of the tender including printed literature, if any shall be initialled by the same person(s) signing the tender. The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.

21.4 The tenderer is to seal the tender in envelopes, and write the address of the purchaser and the tender reference number on the envelopes. The sentence “NOT TO BE OPENED” before 28.08.2018, 15.00 PM (The tenderer is to put the date & time of tender opening) are to be written on these envelopes. The inner envelopes are then to be put in a bigger outer envelope, which will also be duly sealed, marked etc. as above. If the outer envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.

21.5 Tender document seeks quotation following **Two Bid System**, in two parts. First part will be known as **‘Techno - Commercial Tender’**, and the second part **‘Price Tender’** as specified in clause 11 of GIT. Tenderer shall seal **‘Techno - Commercial Tender’** and **‘Price Tender’** separately and covers will be suitably super scribed. Both these sealed covers shall be put in a bigger cover and sealed.

**D. SUBMISSION OF TENDERS**

**22. Submission of Tenders**

* 1. Tenders shall be submitted to HLL Lifecare Ltd., by hand or through registered post or courier service at the address given below and not later than 14.00 Hrs on 28.02.2018. In respect of Applications received by post or courier, HLL shall not assume any responsibility for any delayed delivery. Documents submitted in connection with this tender will be treated confidential.

###

###  The Tenders should be addressed to:

Joint General Manager (Materials),

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

22.3 HLL may, at its discretion, extend the deadline for the submission of Tender, in which case all rights and obligations of HLL and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

**23. Late Tender**

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

**24. Alteration and Withdrawal of Tender**

* 1. The tenderer, after submitting its tender, is permitted to withdraw/alter/modify its tender so long as such withdrawal/alterations /modifications are received duly signed, sealed and marked like the original tender, within the deadline for submission of tenders. Alterations / modifications to tenders received after the prescribed deadline will not be considered.
	2. No tender should be withdrawn after the deadline for submission of tender and before

 expiry of the tender validity period. If a tenderer withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the tenderer in its tender.

**E. TENDER OPENING**

**25. Opening of Tenders**

25.1 The tenders will be opened at the specified date and time and at the specified place as indicated in the Schedule for submission of Application.

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

25.2 Authorized representatives of the tenderers, who have submitted tenders on time may attend the tender opening provided they bring with them letters of authority from the corresponding tenderers.

25.3 Two -Bid Tender system as mentioned in para 21.5 above will be as follows. The **Techno - Commercial Tenders** are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/ authority with reference to parameters prescribed in the TE document. During the Techno - Commercial Tender evaluation, the tender opening official(s) will assess 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 evaluation committee. Thereafter, in the second stage, the Price Tenders of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno – Commercial tender. The prices, special discount if any of the goods offered etc., as deemed fit by tender opening official(s) will be read out. The price bid of bidders who do not qualify based on the evaluation of technical bids shall be returned unopened.

**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 Tender 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. For evaluating the Techno commercial bid, the purchaser may at its discretion call for demonstration/ presentation/ samples etc.

**27. Responsiveness**

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, whether the documents have been properly signed stamped and whether the Tenders are generally in order.

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

27.3 If a Tender is not substantially responsive, it will be rejected by the Purchaser and cannot subsequently be made responsive by the Tenderer by correction of the nonconformity.

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

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

(i) Tender form as per Section IX (signed and stamped) not enclosed

(ii) Tender is unsigned.

(iii) Tender validity is shorter than the required period.

(iv) Required EMD (Amount, validity etc.) have not been provided.

(v) Tenderer has quoted for goods manufactured by other manufacturer’s/Distributor’s without the required Manufacturer’s/distributor’s Authorisation Form as per Section XIV.

(vi) Tenderer has not agreed to give the required performance security.

(vii) Goods offered are not meeting the tender enquiry specification and in demonstration.

(viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.

(ix) Poor/ unsatisfactory past performance.

(x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.

(xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1 and Section VIII

(xii) Submission of false information in the Tender.

(xiii) Erasure or over-writing in the tender is without initialled by the person(s) signing the tender as per GIT clause 21.

**28. Minor Infirmity/Irregularity/Non-Conformity**

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

**29 Discrepancies in Prices**

29.1 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.

29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and

29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.

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

**30. Qualification Criteria**

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

**31. Tender currency (Indian Rupee)**

31.1 The TE document permits the tenderers to quote their prices in Indian Rupees only.

**32. Items Evaluation**

 Deleted

**33. Comparison of Tenders**

The comparison of the responsive tenders shall be carried out on Free Delivery at consignee site basis. The price ranking will be carried out as under.

**Total price = Price with all accessories as per technical specification in the format given in** Section – X (A)

The tenderers shall also quote for CAMC price for 8 years as per Section – X (B) separately. Failing which the bid is liable to be rejected.

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

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

 In the case of goods manufactured in India or goods of foreign origin already located in India, GST & other similar applicable additional chargesetc which will be contractually payable by the tenderer.

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

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

35.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily.

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

**36. Contacting the Purchaser**

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

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

**G. AWARD OF CONTRACT**

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

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

**38. Award Criteria**

 The contract will be awarded to the lowest evaluated responsive tenderer decided by the purchaser as per clause 33 to 36 of GIT.

Only those bidders who qualify at the techno- commercial stage will be eligible for opening of price bids.

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

39.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease the quantity of goods and services mentioned in the schedule (s) in the “List of Requirements” without any change in the unit price and other terms & conditions quoted by the tenderer.

39.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase the quantity of goods and services mentioned in the contract without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract period.

**40. Notification of Award**

40.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by email 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 the notification of award, 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 III

**41. Issue of Contract**

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

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

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

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

**43. Return of EMD**

43.1 The earnest money of the successful tenderer and the unsuccessful tenderers will be returned to them without any interest, whatsoever, in terms of GIT Clause 19.4 and 19.5.

**44. Corrupt or Fraudulent Practices**

44.1 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: -

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

“corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

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

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

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

**SECTION - III**

**GENERAL CONDITIONS OF CONTRACT (GCC)**

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**SECTION - III**

**GENERAL CONDITIONS OF CONTRACT (GCC)**

**1. Application**

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

**2. Use of contract documents and information**

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

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

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

**3. Patent Rights**

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

**4. Country of Origin**

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

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

 The country of origin may be specified in the Price Schedule.

**5. Performance Security**

5.1 Within thirty (30) days from date of the issue of notification of award by the Purchaser, the supplier, shall furnish Performance Security to the Purchaser for an amount equal to ten percent (10%) of the total value of the contract, valid up to 60 days after the date of completion of 1 year warranty period / all contractual obligations by the supplier, including the warranty obligations, initially valid for a total period of minimum 14 months from the date of Notification of Award.

5.2 The Performance security shall be denominated in Indian Rupees.

a) It shall be in any one of the forms namely Account Payee Demand Draft 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 XIII of this document in favour of the Purchaser. The validity of Bank Guarantee will be for a period up to sixty (60) days beyond respective Warranty Period.

5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the Purchaser the amount of the performance security is liable to be forfeited. The Purchaser may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Purchaser.

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

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

5.6 Subject to GCC sub – clause 5.3 above, the Purchaser will release the Performance Security without any interest to the supplier on completion of the supplier’s all warranty and contractual obligations including submission of satisfactory performance certificates received from Hospital authorities towards quarterly preventive maintenance and breakdown maintenance services rendered by the contractor during warranty period.

**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 VI and VII of this document.

**7. Packing and Marking**

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

7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VI and VII and in SCC under Section IV. 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 VI and VII and in SCC under Section IV, 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:

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

**8. Inspection, Testing and Quality Control**

8.1 The purchaser and/or its nominated representative(s) will inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser’s programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the purchaser and/or its nominated representative(s).

8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser’s inspector at no charge to the purchaser.

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.

8.7 Goods accepted by the Purchaser 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.

 If required by the purchaser, Principal/ Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to despatch at the supplier’s cost and furnish necessary certificate from the said agency in support of their claim.

 For details of final inspection please refer section IV, special conditions of Contract.

**9.0 Terms of Delivery**

Goods shall be delivered by the supplier in accordance with the terms of delivery as follows:

a) The goods shall be supplied, unpacked, and installed and commissioned at the designated location as per the SECTION V within 25 days from date of order. All costs including insurance, loading, unloading etc., shall be borne by the supplier.

**10. Transportation of Goods**

The supplier shall at their own experience, arrange transport (including air/sea/land), loading & unloading of goods upto the consignee address**.**

**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:

 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. The insurance cover shall be obtained by the Supplier and should be valid till installation, testing and commissioning in the equipment.

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

**12. Spare parts**

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

a) The spare parts as selected by the Purchaser 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:

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

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

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

**13. Incidental services**

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

i) Installation & Commissioning, Supervision and Demonstration of the goods and rectification of accidental damages occurred before handing over the system/site to Hospital authorities.

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

iii) Training to Doctors/Technicians on equipments in clinical aspects for operating and maintaining the equipments.

iv) Deleted.

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

v) Providing all the necessary as built drawings after the installation and commissioning.

ix) Provide all software updates during warranty period without any additional cost.

**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 to enable the Purchaser clear or receive (as the case may be) the goods in terms of the contract.

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

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

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

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

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

Two copies of packing list identifying contents of each package;

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

Certificate of origin;

Insurance Certificate as per GCC Clause 11

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

**15. Warranty**

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

15.2 This warranty shall remain valid for one year from the date of handing over entire equipment and acceptance by the Purchaser/Hospital in terms of the contract after installation and commissioning, unless specified otherwise in the SCC.

15.3 In case of any claim arising out of this warranty, the Purchaser shall promptly notify the same in writing to the supplier. The period of the warranty will be as per GCC 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 to a further period from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

15.6 If the supplier, having been notified, fails to 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 consignee’s site at least once in 3 months commencing from the date of the installation for preventive maintenance of the goods.

15.8 The Purchaser reserve the rights to enter into CAMC between Purchaser/Consignee and the Supplier for the period of 8 years as mentioned in this tender, after the completion of warranty.

15.9 The supplier along with its Indian Agent and the CAMC provider shall ensure continued supply of the spare parts for the constant performance of the machines and equipments 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 CAMC 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.

**16. Assignment**

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

**17. Sub Contracts**

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

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

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

**18. Modification of contract**

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

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

b) Mode of packing,

c) Incidental services to be provided by the supplier

d) Mode of despatch,

e) Place of delivery, and

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

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

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

**21. Terms and Mode of Payment**

Payment Terms

## a) 50% of supply value will be released against supply and certificate for receipt of the item in good condition from the Hospital/HLL.

## b) 40% payment will be released against installation and one month satisfactory performance certificate certified by the Hospital Authorities/HLL Site Incharge

##

c) Final 10% shall be released against submission of certificate issued by Hospital/HLL certifying that the facility has been installed, commissioned and handed over and submission on Performance Security for the equivalent value and other documents stated in this tender.

d) Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract and upon the submission of the following documents:

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

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

iii. Two copies of packing list identifying contents of each package;

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

v. Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;

vi. Certificate of origin.

* 1. CAMC Payment :

The payment of CAMC will be made on half yearly basis, after satisfactory completion of said period on submission of bills with supporting documents, certified by the Hospital authorities, in proof of preventive and breakdown maintenance having rendered in the 6 months. In case the supplier / contractor fails carry out the preventive maintenance, in the stipulated period, the purchaser may extend the period of contract to the period of non services or impose the penalty on the contractor at the discretion of the contractor. However such non service(s) is/ are by a reason of Hospital, the penalty / extension mentioned above will not be applicable.

 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 The payment shall be made in Indian Rupees.

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

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

21.7 The payment for the preventive maintenance will be released only on the submission of performance security of 5% for the particular year.

**22. Delay in the supplier’s performance**

22.1 The supplier shall deliver of the goods and perform the services under the contract within the time schedule specified by the Purchaser in the List of Requirements and as incorporated in the contract.

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

(i) Imposition of liquidated damages,

(ii) Forfeiture of its performance security and

(iii) Termination of the contract for default.

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

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

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

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

(c) But nevertheless, the Purchaser shall be entitled to the benefit of any decrease in price on account of reduction in or remission of applicable taxes or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

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

**23. Liquidated damages**

23.1 Subject to GCC clause 26, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 2.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 15% of the contract price or actual liability of the purchaser due to delayed supply of goods and/or services/ or total performance of the contractor, whichever is higher. Once the maximum is reached Purchaser may consider termination of the contract as per GCC 24.

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

**24. Termination for default**

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

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

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

**25. Termination for insolvency**

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

**26. Force Majeure**

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

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

26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

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

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

**27. Termination for convenience**

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

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

a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or

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

**28. Governing language**

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

**29. Notices**

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

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

**30. Resolution of disputes**

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

* 1. If the parties fail to resolve their dispute or difference by such mutual consultations within twenty one days of its occurrence the same shall be referred by the purchaser to the sole arbitration of an Officer , appointed by the C&MD, HLL from the department other than the department who has decided the tender. The award of the arbitrator shall be final and binding on the parties to this contract.
	2. In the event of the Arbitrator neglecting or refusing to act or resigning or being unable to act for any reason, or his award being set aside by the court for any reason, it shall be lawful for the purchaser to appoint another arbitrator in place of the outgoing arbitrator in the manner aforesaid.
	3. It is further a term of contract that no person other than the person appointed by the purchaser as aforesaid should act as arbitrator and that, if for any reason that is not possible, the matter is not to be referred to Arbitration at all.
	4. The arbitrator may from time to time with the consent of all parties to the contract enlarge the time for making the award.
	5. Upon every and any such reference, the assessment of the costs incidental to the reference and award respectively shall be in the discretion of the arbitrator.
	6. Subject as foresaid the Arbitration Act amended up to date and the rules there under and any statutory modification thereof for the time being a in force shall be deemed to apply to the Arbitration proceedings under this clause.
	7. The arbitrator shall be requested to give reasoned award.
	8. The venue of arbitration shall be the place from which formal Acceptance of Tender is issued or such other place as the purchaser at his discretion may determine.

**31**. **Applicable Law**

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

**32. General/ Miscellaneous Clauses**

* 1. Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CAMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.
	2. Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
	3. The Supplier shall notify the Purchaser of any material change would impact on performance of its obligations under this Contract.
	4. Each member/constituent of the Supplier/its Indian Agent/CAMC Provider, in case of consortium shall be jointly and severally liable to and responsible for all obligations towards the Purchaser for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
	5. The Supplier/its Indian Agent/CAMC Provider shall at all times, indemnify and keep indemnified the Purchaser against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CAMC or the Contract.
	6. The Supplier/its Agent/CAMC Provider shall, at all times, indemnify and keep indemnified the Purchaser 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.
	7. All claims regarding indemnity shall survive the termination or expiry of the contract

**SECTION –IV**

**SPECIAL CONDITIONS OF CONTRACT (SCC)**

 **1. General requirement for eligibility**

1. In order to decide the responsive ness of tender, the Purchaser may ask to the tenderer for Demonstration of equipment/system, presentations and sample and the tenderer shall arrange Purchaser’s requirement as and when so asked, failing which the tender shall be deemed as non-responsive.
2. The Licences, Certifications, if any, required from the regulatory authorities in India with respect to this tender shall be produced along with the tender.
3. All technical details, catalogue, application details, shall be provided along with the tender.
4. One to one compliance statement to technical specification requirements against each item shall be provided along with the tender, with pamphlets/Catalogs.
5. Acceptance test should be done at designated hospitals, prior to handing over of equipment.
6. All details of pre installation and installation works along with schedules & drawings should be supplied within a week of award of order.

**2. Final Inspection**

The final inspection of the Goods will be done by the Technical Committee of HLL and Hospital Authorities after installation and commissioning of the goods.

**3. Warranty:**

1. 8 years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution.
2. 95% uptime Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
3. All software updates should be provided free of cost during Warranty period.

**4. After Sales Service:**

After sales service centre should be available at on 24 (hrs) X 7 (days) X 365 (days) basis. Breakdowns/Complaints should be attended within 8 hrs. An undertaking by the Manufacturer shall accompany the tender that the spares for the equipment shall be available for at least years from the date of supply.

**5. CAMC :**

a) Tenderer shall offer price for

 CAMC rates separately in SECTION – X, PRICE SCHEDULE (B)

 CAMC shall be awarded at the discretion of Purchaser/Hospital at the end of the warranty period.

b) The CAMC shall be for 8 years after completion of 2 years warranty period.

c) Preventive Maintenance services during CAMC shall be rendered on quarterly basis with minimum gap between two services shall be not less than 75 days and not more than 90 days.

1. Breakdown calls shall be attended immediately and major complaints shall be rectified within 3 calendar days from the date of intimation. The breakdown calls shall not be combined with preventive maintenance calls.
2. In case the performance of CAMC services is not satisfactory and found below the 95% uptime level, the Purchaser / Hospital has the right to source the maintenance services from other means/agency at the risk and cost of contractor including termination of contract and legal/penal actions.
3. On receipt of CAMC order, the contractor shall furnish performance security for an amount equal to 5% of the CAMC value per annum in the form of Demand Draft or Performance Bank Guarantee, which will be renewed in term with value of every year till completion of CAMC period.

**6. Deleted.**.

**7. CAMC:**

a) The cost of CAMC includes preventive maintenance with required testing, calibration as per technical/service/operational manual, labour and spares. The supplier shall undertake preventive maintenance as recommended in the manufacturer’s technical/ service /operational manual, but minimum once in three months during the CAMC period for preventive maintenance.

b) The cost of CAMC may be quoted along with taxes and duties 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) The payment of CAMC will be made on half yearly basis after satisfactory completion of said period, duly certified by Hospital authorities, but subject to valid Performance Security.

e) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period.

f) During the CAMC period, all software updates should be provided free of cost.

**Section V**

**LIST OF REQUIREMENTS**

**List of Equipments**

| **SI.No.** | **Equipment** | **Qty**  | **Unit** |
| --- | --- | --- | --- |
| 1 | Chairs for Patients & Attendants | 13 | Nos. |
| 2 | Water Dispenser | 3 | Nos. |
| 3 | TV | 3 | Nos. |
| 4 | Speaker System | 3 | Nos. |
| 5 | Reception Table | 2 | Nos. |
| 6 | Intercom System | 3 | Nos. |
| 7 | Registers | 2 | Nos. |
| 8 | Chairs | 1 | No. |
| 9 | Examination Table | 1 | No. |
| 10 | Chair | 1 | No. |
| 11 | Table | 1 | No. |
| 12 | Pinspot and Mirror Ball Bundle | 3 | Nos. |
| 13 | Mirror Ball Motor | 3 | Nos. |
| 14 | LED Motor ball | 3 | Nos. |
| 15 | Fire Ball Mounted on the roof | 3 | Nos. |
| 16 | Sound Activated Light | 3 | Nos. |
| 17 | LED Bubble tube | 3 | Nos. |
| 18 | OPTIC Fibres | 3 | Nos. |
| 19 | Blue LED Lights | 3 | Nos. |
| 20 | 150 Bulb Blue LED Light Chain | 3 | Nos. |
| 21 | Bubble Tube | 3 | Nos. |
| 22 | Rotating Drum | 3 | Nos. |
| 23 | Chime Frame and Beater | 3 | Nos. |
| 24 | Mirror Chime Bout | 3 | Nos. |
| 25 | Bolster Swing | 1 | No. |
| 26 | Platform Swing | 3 | Nos. |
| 27 | Tyre Tube Swing | 3 | Nos. |
| 28 | Rope Ladder Swing | 3 | Nos. |
| 29 | Rhythmic Rocker | 2 | Nos. |
| 30 | Ball Pool | 3 | Nos. |
| 31 | Tunnel | 3 | Nos. |
| 32 | Real Size Animal Toys | 2 | Nos. |
| 33 | Examination Table | 1 | No. |
| 34 | Chairs | 12 | Nos. |
| 35 | Curtain | 1 | No. |
| 36 | Sphygmomanometer | 1 | No. |
| 37 | Ophthalmoscope | 2 | Nos. |
| 38 | Weighing Machine (Electronic, baby) | 2 | Nos. |
| 39 | Weighing Machine - Adult | 2 | Nos. |
| 40 | Infantometer | 2 | Nos. |
| 41 | Stadiometer | 3 | Nos. |
| 42 | Measuring Tape | 2 | Nos. |
| 43 | Knee Hammer | 3 | Nos. |
| 44 | X-Ray Viewer | 3 | Nos. |
| 45 | Developmental Kits for various Ages | 3 | Nos. |
| 46 | Dental Chair (Pediatric) | 2 | Nos. |
| 47 | Radio Visuo Graphic | 3 | Nos. |
| 48 | Specified Dental Equipments Autoclave , Instruments for manual cleaning of teeth, ultrasonic scalers & polishing kit, light cure gun, extraction forceps, restorative (filling)instrument, impersion trays for RPD and CDS, Root canal instruments set (manual), additional dental materials & instruments and consumables  | 3 | Nos. |
| 49 | Dental X-Ray | 3 | Nos. |
| 50 | Intra Oral Camera | 3 | Nos. |
| 51 | Computer | 3 | Nos. |
| 52 | Receptive-Expressive Emergent Language Test - Third Edition (REEL-3) for 0-3 years | 3 | Nos. |
| 53 | LPT-Linguistic profile Test for 3-9 years | 3 | Nos. |
| 54 | ECG Machine and Leads | 3 | Nos. |
| 55 | Resting Table | 3 | Nos. |
| 56 | Air Conditioner | 1 | No. |
| 57 | Echo Machine with Neonatal & Paediatric Probe  | 3 | Nos. |
| 58 | Automated Blood Cell Counter | 3 | Nos. |
| 59 | Microscope | 3 | Nos. |
| 60 | Semi Automated Analyser | 3 | Nos. |
| 61 | Digital Heamoglobinometer | 3 | Nos. |
| 62 | Lab Reagents | 3 | Nos. |
| 63 | Testing Kit | 3 | Nos. |
| 64 | Slides, Beakers, Test Tubes etc | 3 | Nos. |
| 65 | Air Conditioner / 1 ton | 2 | Nos. |
| 66 | Elisa Reader & Washer | 3 | Nos. |
| 67 | Hemoblobin HPLC System | 3 | Nos. |
| 68 | Flurometer | 3 | Nos. |
| 69 | Hb Electrphoresis Machine | 3 | Nos. |
| 70 | Developmental Assesment for Indian Infants (DASSI) | 2 | Nos. |
| 71 | Vineland Social Maturity Scale | 2 | Nos. |
| 72 | Vineland Adaptive Behaviour Scale | 3 | Nos. |
| 73 | Bayley-III Screening test complete kits | 3 | Nos. |
| 74 | Developmental Screening Test | 3 | Nos |
| 75 | Denver Developmental Screening Test II |
| 76 | Standford Binet |
| 77 | Paget's Sensory Motor Intelligence Scale |
| 78 | Piagetian Cognitive Tasks Autism Spectrum Disorder |
| 79 | INCLEN-ASD or Indian Scale for Assesment of Autism |
| 80 | Attention Dificit Hyper Activity |
| 81 | INCLEN-ASD  |
| 82 | NIMHANS Battery |
| 83 | Dyslexia Early Screening Test: 4-6 years (DEST) and Dyslexia, Screening Test Junior (6-11 years) |
| 84 | Childhood Behavioural Checklist CBCL |
| 85 | Cerebral Palsy and Neuromotor impairment: INCLEN (INDTNMI) |
| 86 | Adequate chair & tables |
| 87 | Therapy ball 65 cm  | 1 | No. |
| 88 | Therapy ball 45cm | 1 | No. |
| 89 | Therapy mats- 6ft x3ft x 2.5" | 1 | No. |
| 90 | Bolster | 1 | No. |
| 91 | 2ft long, diameter- 8 inch | 1 | No. |
| 92 | 2ft long, diameter- 10 inch | 1 | No. |
| 93 | Small roll- 13 inch long, Diameter-3 inch | 1 | No. |
| 94 | 1. Big- Height-14 inch; Length- 31inch, breadth 17 inches | 2 | Nos. |
| 95 | 2. Small- Height-10 inch; Length- 26 inch, breadth 17 inches | 2 | Nos. |
| 96 | Balance Board | 2 | Nos. |
| 97 | Trampoline | 1 | No. |
| 98 | Bolster Swing | 2 | Nos. |
| 99 | Wooden Benches with cushion and Rexene cover | 3 | Nos. |
| 100 | Splints (Ankle Foot Orthosis) | 3 | Nos. |
| 101 | Special chairs with cut-out tray (Tailor made according to need of the child) | 2 | Nos. |
| 102 | Toys (for play and stimulation) | 2 | Nos. |
| 103 | Small rattles | 2 | Nos. |
| 104 | squeaky toys | 2 | Nos. |
| 105 | Puja bell (clapper bell) | 1 | No. |
| 106 | Soft toy | 2 | Nos. |
| 107 | Brush for tactile stimulation | 3 | Nos. |
| 108 | Theraputty | 3 | Nos. |
| 109 | Peg board | 1 | No. |
| 110 | Ball Pool with balls of different sizes | 3 | Nos. |
| 111 | Gaiters | 3 | Nos. |
| 112 | Thick handle spoon – straight and bent | 3 | Nos. |
| 113 | Plastic spoon with long handle (for babies) | 3 | Nos. |
| 114 | Plastic glass with rim cut on one side | 3 | Nos. |
| 115 | Stainless steel plates with high rim | 3 | Nos. |
| 116 | Spouted cups | 2 | Nos. |
| 117 | Swings | 2 | Nos. |
| 118 | Slides | 2 | Nos. |
| 119 | See Saw | 3 | Nos. |
| 120 | Tunnel | 3 | Nos. |
| 121 | Tricycle | 3 | Nos. |
| 122 | Locally available toys | 2 | Nos. |
| 123 | Torch-penlight | 3 | Nos. |
| 124 | Lea Symbols Visual Acuity Test & Conditioning Flash cards | 3 | Nos. |
| 125 | Lea puzzle |
| 126 | Plastic colluder with lip |
| 127 | Lea Grating Paddle |
| 128 | Lang Fixation Stick or Lea |
| 129 | Log mart chart or Snellen’s chart | 2 | Nos. |
| 130 | StreakRetinoscope | 2 | Nos. |
| 131 | Hiding Heidi | 3 | Nos. |
| 132 | Near Vision Test with Lea symbol (Lea playing card set) and Near Vision Line test |
| 133 | Distance Vision Test (Leas single symbols book) |
| 134 | RET cam or any other Camera to take photographs of the fundus of the new-born | 3 | Nos. |
| 135 | Hand held slit lamp | 3 | Nos. |
| 136 | OAE screener | 1 | No. |
| 137 | ABR screener | 3 | Nos. |
| 138 | Screener Pediatric Audiometer | 2 | Nos. |
| 139 | Portable Tympanometry Instrument | 2 | Nos. |
| 140 | BERA with ASSR with both insert phone and head phone | 1 | No. |
| 141 | Otoscope | 2 | Nos. |
| 142 | Induction cooker | 3 | Nos. |
| 143 | Set of Utensils | 3 | Nos. |
| 144 | Refrigerator | 3 | Nos. |
| 145 | Microwave | 3 | Nos. |

**SECTION VI**

**Technical Specification**

**RECEPTION**

|  |  |  |
| --- | --- | --- |
| **SI.****No.** | **Item** | **Qty in****Nos** |
| 1 | Chairs for Patients & Attendants | 13 |
| 2 | Water Dispenser | 3 |
| 3 | TV | 3 |
| 4 | Speaker System | 3 |

**Chairs for Patients and Attendants:**

* Silver colour with seating capacity 3
* SS 201/202 grade (or better) steel perforated seat sheet and back rest
* Suitable for heavy public use
* Width of seat 52cm to 55cm, height from ground 79cm.
* Should be ISO certified manufacturer

**Water Dispenser**

* Should be 230 V input power supply.
* Should be 8 ltrs tank capacity with automatic filling
* Should be five stages filtration
* One external filter 10’ wall mounting
* Inside the purifier inline sediment filter-one
* Inline pre and post carbon filters – two
* Should be 2 thin film composite 1812-75 membrane
* Should be 2 amps 24V DC booster pump
* Should be 24V solenoid valve
* Should be 1 micro float switch
* Should be 6mm inlet valve
* Should be drain output of 60%
* Should provide MS Stand

**TV**

* Screen size: 32 inches LED full HD
* Screen resolution: 1920 x 1080
* USB: 2
* HDMI: 2 x HDMI
* Audio out: Digital Audio Out
* Ethernet 1 rear
* Warranty: One year or more
* Should be wall mounted
* Should be supplied with TV remote, wall mounted stand and other accessories required for TV installation, user manuals etc.

**PA System**

* Should be of reputed make.
* Counter communication system with minimum 5 speakers.
* The entire system should be supplied & installed by the supplier.

**Registration & Anthropometry**

|  |  |  |
| --- | --- | --- |
| **SI.****No.** | **Item** | **Qty in** **Nos** |
| 1 | Reception Table | 2 |
| 2 | Intercom System | 3 |
| 3 | Registers | 2 |
| 4 | Chairs | 1 |
| 5 | Examination Table | 1 |

**Reception Table:**

* The size shall be 1200mmx 750mm x 750mm approx
* Table 25mm pre-laminated top with 3 drawers on right side and with locker and shelf on other side foot rest and knee cover.
* Locking System for all the drawer with single key in duplicate Made of CRCA steel with frame 18 gauge square pipes.
* Colour olive green or TA grey.
* Painted with superior quality enamel paint.

**Chair**

* Material: Net & Metal ,
* Color: Black Net,
* Style: Contemporary,
* Seat Upholstery Material: Net Fabric ,
* Back Upholstery Material: Fabric Net,
* Base Material: plastic,
* Arm Material: Plastic
* Adjustable, Wheel Material: Nylon,
* Upholstery Color: Black Net,
* Seat Lock: Yes

**Examination Table:**

* Should have overall approximate size of 1900 mm L X 550 mm W X 850 mm H.
* Should have Fixed Upholstered top in two pieces of 560 mm Width
* Should have adjustable headrest on gas spring.
* Should have three drawers in upper section.
* Lower section comprises of three cabinets with separate doors and lock on two side doors.
* Should be provided with B.P. apparatus tray near headrest.
* Should have Inbuilt Sliding Step Stool.
* Should be Pre-treated and powder coated.
* Rexing shall be of good quality and Mattress shall be U form of density 50.
* Plywood used should be of Marine grade bearing ISI Mark.

**Nursing:**

|  |  |  |
| --- | --- | --- |
| **SI.****No.** | **Item** | **Qty in****Nos** |
| 1 | Chair | 1 |
| 2 | Table | 1 |

**Chair:**

* Material: Net & Metal ,
* Color: Black Net,
* Style: Contemporary,
* Seat Upholstery Material: Net Fabric ,
* Back Upholstery Material: Fabric Net,
* Base Material: plastic,
* Arm Material: Plastic
* Adjustable, Wheel Material: Nylon,
* Upholstery Color: Black Net,
* Seat Lock: Yes

**Table:**

* Width - 1200 mm
* Depth - 600 mm
* Height - 770 mm
* Melamine faced particle board
* 2 drawers with lock and key
* Should be an ISO certified manufacturer

**Sensory Integration Unit:**

| **SI.****No.** | **Item** | **Qty in****Nos** |
| --- | --- | --- |
| 1 | Pinspot and Mirror Ball Bundle | 3 |
| 2 | Mirror Ball Motor | 3 |
| 3 | LED Motor ball | 3 |
| 4 | Fire Ball Mounted on the roof | 3 |
| 5 | Sound Activated Light | 3 |
| 6 | LED Bubble tube | 3 |
| 7 | OPTIC Fibres | 3 |
| 8 | Blue LED Lights | 3 |
| 9 | 150 Bulb Blue LED Light Chain | 3 |
| 10 | Bubble Tube | 3 |
| 11 | Rotating Drum | 3 |
| 12 | Chime Frame and Beater | 3 |
| 13 | Mirror Chime Bout | 3 |
| 14 | Bolster Swing | 1 |
| 15 | Platform Swing | 3 |
| 16 | Tyre Tube Swing | 3 |
| 17 | Rope Ladder Swing | 3 |
| 18 | Rhythmic Rocker | 2 |
| 19 | Ball Pool | 3 |
| 20 | Tunnel | 3 |
| 21 | Real Size Animal Toys | 2 |

**Pinspot and Mirror Ball Bundle**

* Clinical Purpose: Shine the in-spot onto the mirror ball to create hundreds of mirrored reflections around the room.
* Technical Characteristics:
* Mains powered motor to spin mirror balls or other light hanging items.
* Fixed 2 RPM rotational speed.
* Designed to use power from a lighting circuit
* Load limit of 4 kg at mirror ball motor.
* Shaft with pre-drilled hole for mirror ball connection.
* Should operate on 220VAC/50 Hz.
* Pinspot should have 4 different color wheel.
* User’s care, Cleaning, Disinfection & Sterility issues: Unit should be cleared using alcohol based cleaning agents.

**Mirror Ball Motor**

* Clinical purpose:-
* This ceiling-mounting box contains a motor that will rotate mains lead and plug.
* Technical Characteristics:-
* Mains powered motor to spin mirror balls or other light hanging items
* Fixed 2 RPM rotational speed
* Designed to use power from a lighting circuit.
* Load limit of 4kg
* Shaft with pre-drilled hole for mirror ball connection
* Should operate at 220VAC/50Hz.
* User’s care, cleaning, Disinfection & Sterility issues:- Unit could be cleaned using alcohol based cleaning agents.

**LED Mirror Ball**

* Clinical Purpose:- LED Mirror Ball features a 6inches diameter ball covered with crack-resistant mirror tiles, a battery/mains-operated rotating motor with a silver chain, and multi-colored LED lights mounted in the motor.
* Technical Characteristics:
* 6inches diameter disco mirror ball
* Rotating motor with LED lights
* Attached silver chain and ring
* On/off switch and sound activation
* User’s Care, Cleaning, Disinfection & Sterility Issues: Unit could be cleaned using alcohol based cleaning agents.

**Fire Ball -Mounted on the roof**

* Clinical Purpose:- This classic light effect fires narrow beams of light around the room as it rotates
* Technical Characteristics:
* Should have wide coverage
* Perfect for ceiling or desk mounting
* Should have 100,000 hours LED life span (approx)
* Should operate at 220VAC/50Hz
* Should have min 4 revolutions per minute
* Should have max. weight: 2kg.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**Sound Activated Light**

* Clinical purpose:- This classic light effect multicolor light around the room
* Technical Characteristics:-
* Should have sound activation system inbuilt.
* Fully Automatic LED Compact Border
* Cycle Light for Indoor Use
* Lightweight;
* Adjusting speed and sound sensitivity
* Should have low power consumption
* Should operated at 220VAC/50Hz
* Should have 100,000 hours LED life span (approx);
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**LED Bubble Tube**

* Clinical Purpose:- This light change in tube while touching around the light.
* Technical Characteristic:
* Adjusting speed and sound sensitivity
* Should have low power consumption
* Should operated at 220VAC/50Hz
* Tubes should made of thick acrylic plastic, not glass
* The LED light of Bubble tube should slowly change color whilst small bubbles rise continuously.
* Should have min. 10,000 hours LED life span (approx)
* Minimum Dimensions: 75mm diameter x 500mm height
* Bubble tube with a vibrator and Led light which changes colors with mirror on two sides
* Should have low power consumption
* Should operated at 220VAC/50Hz
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**Optic Fibres**

* Clinical Purpose:- Fibre optics with transparent light
* Technical Characteristics:-
* Should have flexible fibre optic with PVC covered
* Cable does not get hot (there is no current or heat through cable);
* Should have ability of changing colors with remote control.
* Perfect for sensory rooms, schools, hospitals, care homes.
* 30 x PVC covered side glow fibre (tripplefibre) optic 3.2 mm.
* Should have low power consumption
* Should operated at 220VAC/50Hz.
* Should have min. 10,000 hours LED life span (approx)
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Blue LED Lights**

* Clinical Purpose:- To provide blue light in room
* Technical Characteristics:-
* Should have blue LED light
* Bulb type: replaceable blue LED
* Should have sensory technology
* Should have low power consumption
* Should operated at 220VAC/50Hz;
* Should have min. 10,000 hours LED life span (approx);
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Blue LED light Chain**

* Clinical Purpose:- Chain of light, which provide blue color light
* Technical Characteristics:-
* Should have 150 bulb blue LED light chain
* Bulb type: replaceable blue LED
* Should have low power consumption
* Should operated at 220VAC/50Hz
* Should have min. 10,000 hours LED life span (approx)
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Bubble Tube**

* Clinical Purpose:- Color Changing LED with lamp in water tube, floor standing lamp light
* Technical Characteristics:-
* Bubble tube lamp with silver base - Color changing LED lighting
* Supplied with 6 multi colored
* Integrated controller for variable bubble stream
* Creates a calming, relaxing atmosphere - Ideal for homes schools, sensory rooms, workplaces... and more
* Height : 900 mm (35.4 Inches)
* Should have min. 10,000 hours LED life span (approx).
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**Rotating Drum**

* Clinical Purpose:- A large wooden slatter drum containing brightly coloured balls and bells.
* Technical Characteristics:-
* Should have a wooden base to keep it stable.
* Should have a wooden base to keep it stable
* Should have a wooden slatted drum.
* Should have colored balls (min. of 10);
* Should have integral bells;
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Chime Frame and Beater**

* Clinical Purpose:- Six colorful wooden chimes, suspended within a strong wooden frame.
* Technical Characteristics:-
* Six colorful wooden chimes, suspended within a strong frame.
* Complete with Beater attached.
* Should have 370mmL x 270mmH in sizes
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Mirror Chime Bout**

* Clinical Purpose:- Mirror Chime bout found in Child Development Centres Nurseries and Special Schools worldwide
* Technical Characteristics:-
* Should have a wooden stand with six extending arms each holding mirror/colorful strips and chime bells, which provide a stunning visual and auditory effect.
* Should have strips of mirror Perspex faced, which respond to the slightest touch, making this a very visual toy.
* Should have feature of mountable on a freestanding base.
* Height :approx.24cm, Base diameter: approx. 20cm
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Bolster Swing**

* Clinical Purpose: Bolster swings are a must for sensory integration therapy as they encourage righting reactions, adjustments to linear acceleration and motor planning.
* Technical Characteristics:-
* Should have vinyl-covered base on either side by simply flipping the bloster over
* Should have one side is high-density foam padding; the other side is padded with low-density foam.
* Should have min. 4 feet in length and max. 2 feet in diameter.
* Should have max load 180Kgs
* Should have heavy duty hanger with ball bearing technology up to 60 min continuous moving.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Platform swing**

* Clinical Purpose: Platform swings are a must for sensory integration therapy as they encourage righting reactions adjustments to linear acceleration and motor planning
* Technical Characteristics:-
* Should have vinyl-covered base.
* Should have one side is high-density foam padding; the other side is padded with low-density foam
* Should have min. 4 feet in length and max. 2 feet in width.
* Should have max load 180Kgs
* Should have heavy duty hanger with ball bearing to support up to 60 min continuous swing.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Tyre tube swing**

* Clinical Purpose: Tyre tube swings are a must for sensory integration therapy as they encourage righting reactions adjustments to linear acceleration and motor planning
* Technical Characteristics:-
* Should have dual axis hanging feature.
* Should provide inflating pump with measuring gauge
* Should have max load 180Kgs
* Should have heavy duty hanger with ball bearing to support up to 60 min continuous swing.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Rope ladder swing**

* Clinical Purpose: Little acrobats can train their balance strength and power
* Technical Characteristics:-
* Should have a wooden bar that can be used as a seat or gymnastic bar
* Should have sturdy synthetic rings which gives a strong hold to little hands while exercising and the synthetic rope can securely be affixed with the metal rings
* Should have max 200cm in length
* Should have min. load capacity 60 kg
* Should have heavy duty hanger with ball bearing to support up to 60 min continuous swing.
* Age 3+
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Rhythmic Rocker**

* Clinical Purpose: Rhythmic rocking is a must for sensory integration therapy as they encourage righting reactions adjustments to linear acceleration and motor planning
* Technical Characteristics:-
* Should have rocking feature
* Should have easy grip handles
* Should have non-slip foot steps
* Should have parent volume control
* Should have soft huggable body
* Should have min. load capacity 60 kg.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**Ball Pool**

* Clinical Purpose: Provide multi-sensory tactile stimulation as preschoolers balance, adjust, and move through them
* Technical Characteristics:-
* Should have vinyl-covered base
* Should have one side is high-density foam padding; the other side is padded with low-density foam
* Should have inner measurement min. 5 feet in length and 5 feet in width
* Should have min. 500 multicolor soft plastic material balls
* Should have 4 in. thick foam walls 12 in. height.
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents

**Tunnel**

* Clinical purpose: Stimulate the imagination for creative playtime
* Technical Specification:-
* Should have durable polyester fabric in bright colors
* Should have one side is high-density foam padding; the other side is padded with low-density foam
* Should be min. 8 feet in length and 1.5 feet diameter which provides space for easy crawl through fun
* Play Tunnel can attach to other Playhut play structures creating additional play pattern options.
* Should have light weight and portable
* Should have 4 in. thick foam walls in circular pattern
* User's care, Cleaning, Disinfection & Sterility issues: Unit could be cleaned using alcohol based cleaning agents.

**Real size animal toys**

* Clinical purpose: Playing purpose;
* Technical characteristics:
* Should have ultra-soft multicolor fur for realistic feeling
* -Should available in different choice of animals toys
* -Should have light wieght and portable
* -Should be washable under washing machine
* Users Care: Unit layout to enable easy cleaning of all surfaces.

**Examination Room:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | Examination Table | 1 |
| 2 | Chairs | 12 |
| 3 | Curtain | 1 |
| 4 | Sphygmomanometer | 1 |
| 5 | Ophthalmoscope | 2 |
| 6 | Weighing Machine | 2 |
| 7 | Infantometer | 3 |
| 8 | Stadiometer | 2 |
| 9 | Torch | 3 |
| 10 | Knee Hammer | 3 |
| 11 | X-Ray Viewer | 3 |
| 12 | Developmental Kits for various ages | 2 |

**Examination Table:**

* Should have overall approximate size of 1900 mm L X 550 mm W X 850 mm H.
* Should have Fixed Upholstered top in two pieces of 560 mm Width
* Should have adjustable headrest on gas spring.
* Should have three drawers in upper section.
* Lower section comprises of three cabinets with separate doors and lock on two side doors.
* Should be provided with B.P. apparatus tray near headrest.
* Should have Inbuilt Sliding Step Stool.
* Should be Pre-treated and powder coated.
* Rexing shall be of good quality and Mattress shall be U form of density 50.
* Plywood used should be of Marine grade bearing ISI Mark.

**Chair**

* Material: Net & Metal ,
* Color: Black Net,
* Style: Contemporary,
* Seat Upholstery Material: Net Fabric ,
* Back Upholstery Material: Fabric Net,
* Base Material: plastic,
* Arm Material: Plastic
* Adjustable, Wheel Material: Nylon,
* Upholstery Color: Black Net,
* Seat Lock: Yes

**Sphygmomanometer:**

* **Technical characteristics:**
* Scale 0-300 mm hg. Air release at closed lap with maximum
* 4mmHg/Minute.
* Manual setting of deflation possible up to 2/3mm Hg/sec.
* From 260mmHg. To 15mm Hg in a maximum deflation time of 10 seconds.
* Gauge’s background in white color.
* Graduated scale for ever/ 2mmhg, every
* 10 units and every 20 units. Nylon
* straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve
* The cuff is inflated just to fit in the limb for which an inflation bulb is used to control the air pressure within the cuff.
* **Dimensions (metric):**
* The rubber tubes used should have an internal diameter of 3 ± 0.5mm and the external diameter should not be less than 8mm; The dial manometer with minimum diameter of 160 mm
* **Accessories:**
* adult arm cuffs of size medium & large and pediatric size, inflation bulb, tubing

**Opthalmoscope:**

* **Technical Charecteristics:**
* Wave Length: Diode laser 532nm (maximum)
* Adjustable laser power: 50 to 2500m W
* Aiming beam through LIO- red diode, aiming beam focus and adjustment knob:
* Adjustable delivered out of Laser Indirect Ophthalmoscope
* Diameter of laser spot: 50 to 500 micro meter
* Should have digital control and continuous wave
* Filters: Cobalt blue, Red Free and yellow
* Lamp: Good illumination bulb and at least 10 extra LIO bulb
* At least one extra optic fiber cable set
* Capable of Exposure times: 0.01-5.00 seconds. automation repeat within :0. 1-1.0 seconds intervals
* Should include various hand held lenses but must have (20D) and (28D or 30D) aspheric biconvex lens.
* **Weight:** 750 gm maximum
* **Noise (in dBA):** <60dBA
* **Heat dissipation:** Air cooled system
* **Power Requirements:** 220 Vac, 50 Hz, <3A, 50/60Hz Single phase or 110 Vac, <6A, 50/60 Hz Single phase
* **Accessories:**
* Optic fiber cable , bulbs, 500VA CVT, one extra set of goggles for eye protection of the Assistant 810 nm Protective glasses, 20 D/ 28 D lens with a clear aperture of 51mm and 45 degree retinal field of view, optional Retcam and optional camera (if one is going for Ret Cam).

**Electronic Baby Weighing Scale:**

* **Technical Characteristics:**
* Table top, light and portable,
* Built in rechargeable battery
* Easy to clean baby tray (acrylic)
* Zero weight adjustment facility
* Quick, clear digital read outs
* Measurement does not change with position of baby on the pan
* Provision to measure the height of the baby in its laying position
* Accuracy: 5g, resolution: 1g, limit: 10gm ~ 15kg
* Auto setting to 0.00 once a the machine is switched on or when no external weight has been put on LCD display.
* **Dimensions:** Base: 300mm x 265mm x 85mm, Pan: 510mm x 300mm x 85mm

**Electronic Adult Weighing Scale (Platform type):**

* Capacity: 160 kg
* Accuracy: 100 g
* Platter Size: 350 mm x 300 mm (Tolerance +/- 10%)
* The scale should be made up of heavy duty. Cast iron structure Platform with powder coated Frames.
* The Electronic Adult Weighing Scale should incorporate following features for user-friendly Convenience.
* Display: LED / LCD: 5 digits with min. height 14 mm.
* TARE facility with zero function.
* HOLD function to lock the weight.
* MEMORY function, to keep the last weight in memory.
* The Scale should have inbuilt rechargeable battery backup for minimum of 8 hrs.
* Should operate on mains 220-240Vac, 50 Hz single phase.
* The Scale should be as per BIS specifications. The scale should have ISI mark.

**Infantometer**

**Features:**

* Measuring range 10 - 99 cm / 4 - 36 in Graduation 5 mm / 1/4 in Dimensions (WxHxD) 300 x 140 x 1340 mm Weight 500 g.
* For easy, precise length measurement of the babies and toddlers while lying down. Measurement Options in both cm and inches.
* Clinical Length v/s age and weight charts for easy reference.
* Easy to clean, easy to store, foldable with fitting for storing on wall.
* Light weight, portable and easy to carry.
* Ergonomic Design to ensure safety of the baby.
* Fixed head piece and the sliding foot positioned for easy use.

**Stadiometer:**

* **Technical Charecteristics:**
* Stand should be made of metal
* Measuring range should be 75cm to 200cm
* Least Count should be 0.5 cm
* Should be simple and manual in use
* **Dimensions:**
* Measuring range should be 75cm to 200cm, The Machine should be ISI mark standard.

**Torch:**

* This torch light should have one powerful light which is useful for doctor for examine the patient in labor room.
* It should round in shape with smooth corners
* Smooth surface and super finished
* High efficiency white LED light
* Work for long life for battery
* It should have rechargeable battery
* Device is produced by ISO certified manufacturer.
* Supplied with:
* Supplied with suitable battery
* User manual with trouble shooting guidance.

**Dental Room:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | Dental Chair (Pediatric) | 3 |
| 2 | Radio Visio Graphic | 3 |
| 3 | Specified Dental Equipments Autoclave , Instruments for manual cleaning of teeth, ultrasonic scalers & polishing kit, light cure gun, extraction forceps, restorative (filling)instrument, impression trays for RPD and CDS, Root canal instruments set (manual), additional dental materials & instruments and consumables  | 3 |
| 4 | Dental X-Ray | 3 |
| 5 | Intra Oral Camera | 3 |
| 6 | Computer | 1 |

**Paediatric Dental Chair:**

* CHAIR UNIT:
	+ Fully motorized ,pneumatically/electrically driven,which gives smooth and non-jerky start and stop
	+ Lowest height range should be between 300-450 mm to improve visibility and access;
	+ Chair should have toe movement. While backrest moves down, toe should move up;
	+ Chair should have safety brake system while going down for patient exit position
	+ The design should enable the operator to be close to the patient to be close to the patient to provide optimum vision of the operating field and safe control of all component devices
	+ Streamlined cast metal base with provision for good stability
	+ The base and other structure should have a corrosion resistant coating;
	+ The backrest should be ultra thin flexible, highly comfortable, seamless long life holstery and should be disinfectable
	+ The chair should be designed to provide good ergonomics for both operator and assistant;
	+ Chair should have adjustable ergonomic headrest with adjustment of height and angle;
	+ Chair should have adjustable ergonomic hand rest for the convenience of patient's easy mounting and dismounting from the Chair, the Right Hand rest can be swung out by 90 degree;
	+ Should have integrated power supply for hand pieces, electric motor etc
	+ All the outlet & inlet for the services to the chair should be concealed in the box to be at the foot area of the chair or within the unit, as an infection control measure.
	+ Electrically operated, Spittoon attachment, Halogen/LED light, Air Ventury Suction, micromotor, airotor, light cure unit, Scaler, 3 way syringe, X ray viewer, instrument tray, dental operators stool with height adjustment. Oil free, bacteria free, moisture free compressor.
* Minimum of lifting capacity not less than 200Kg
* Single multi-functional foot control for all chair movement &dental light operation to avoid cross - contamination
* Should be electrically operated with zero Programing
* **DENTIST ELEMENT**
	+ Overhead delivery system consisting of:
* (a)3 way syringe
* (b)4-hole handpiece hose for air turbine, air motor, scaler and light cure(with LED light unit)
	+ 2. Module system with brushless micromotor with contra – angle hand piece,one super torque airotor hand pieces
	+ Should have ultra sonicscaler with standard tips
	+ Should have infection control system (Bios stem) with Non Retraction Valves.
	+ Should have air - pressure meter.
	+ Should have Instrument tray
* **ASSISTANT ELEMENT**

 Assistant element should be fitted with three way syringe, high volume wet line suction unit with saliva ejector.

 Aerosol suction volume should be 250-300 l/min

* **DENTAL OPERATORY UNIT**
1. Control Panel:
* Switch for Hand Foot operation
* Switch for Forward/Reverse
* Switch for Scalar ON/OFF
* Speed Indicator Display
* Switch for Speed Increase
* Switch for Speed Decrease
* Control Knob for water spry
* Control Knob for scalar spray
* Air Filter
* Air Regulator
* Pressure gauge;
1. Should have control box with water control – Air motor and hand piece (straight and contra angle), air rotor hand piece. One Turbine connection with handpiece;
2. X-Ray viewer: Should provided with high quality brighter illumination with latest technology for maximum working life
3. Should have minimum 4 handpiece holder positions
4. Ultrasonic scaler with standard tips:
* operating frequency range : 24,000 - 36,000 Hz
* Water pressure: Min. 1.0 bar. Max. 5.0 bar.
* detachable Autoclavable handpiece
* Tips must be screwed in and moderately tightened using the key Heat generated due to high frequency vibration is cooled by the continuous flow of water and sprayed from the activated tip;
1. Airotor:
* Should have solid Titanium Body which is scratch resistant
* Low noise level with virtually no vibration
* Ceramic Ball bearing Coupling System
* should have twist type chuck release
* Should have body shape to gain easy access to posterior area
* Small Head possible to facilitate posterior area preparations
* Effective water spray to cool the entire operating field
* Max speed up to 400000 rpm
1. Micromotor and contra angle handpiece:
* Speed range of 300 - 40000 RPM in standard mode with cutting power in the range between 50 - 70 watts, scratch resistant , Titanium Body;
* High torque from Low to High Speeds
* Forward & Reverse rotation by selection switch
* Flexible cord for smooth maneuverability of Micromotor;
1. LED Curing Light source
* Should include one curing light hand-piece
* 10mm light guide
* Eye shield and three curing discs
* Fan-free for silent operation
* Multiple-setting light timer with easy, push button control, offers preset cure time of 5,10,15 and 20 seconds a continuos 120 seconds.

9. Cuspidor(Spittoon):

* Saliva ejector
* Autoclavable High volume evacuator
* Autoclavable syringe
* High quality stain proof vitreous China bowl with adjustable cup fill and bowl
* Clean water bottle system;
1. Operating Light:
* Dental Light should have variable intensities of lux from 5000 to 35,000. It should be LED reflected light or Halogen lamp with antiglare protection shield and maximum degrees of rotation of light arm movements
* Light Head with axial movements Horizontal, Vertical, Axial and diagonal adjustment
* LED light 5000 K cool light or similar high quality light;
1. Compressor:
* A suitable Medical grade oil Free Compressor, which should be Noise less, and Minimum of 0.75HP
* It should have: -Air moisture filter
* Epoxy coating to prevent rusting -Pressure gauge and auto cutoff switch
* Tank should have a capacity of minimum 35 liters
* Auto head air release valve / drain valve
* The provision for drainage of water from the base tank of compressor

Safety release valve

* Aluminum cover to be provided for compressor;

 12. X-ray Viewer:

* Light source should be LED and have brightness >400
* Should have a maximum viewing area 300mm width x 150mm height
* Should have dental x-ray film holder
* Should have power ON/OFF button
* Should have adjustable illumination control knob/button;
* **Software**: Should have two preset & two user- selectable programs.
* **Dimensions:** It should have maximum height 80 to 90 cm & minimum height up to 45-50cm.
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Power Requirements:** Recharging unit: Input voltage- 220V- 240V AC(specially designed for Indian condition),50Hz
* **Accessories:**
* Should be provided with Doctor's stool(with up & down movement facility) & with adjustable backrest tilt. The range of up and down movement should be at least 4-6 inches. Doctor's stool
* Cast-metal/alloy base with five tile castors;Two way adjustable lumbar support;
* Integral Gas cylinder for height adjustment;
* Height range between 400 - 700 mm; Assistant's stool
* Cast-metal/alloy base with five tile castors;
* Height adjustable torso support with height adjustable foot ring;
* Integral Gas cylinder for height adjustment;
* Height range between 500 - 800 mm
* **Atmosphere:**
* Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.
* Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.
* **Disinfection:**
* Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
* Sterilization for all handpiece.
* **Certificates**:
* Should be CE (EU)/FDA (US) approved.
* Manufacturer / supplier should have ISO 13845 certificate for quality standard

**Radio Visio Graphic**

1. Cordless, Intra oral image plate scanner system with (PCS) the photon collecting system technology having flexible & thin image plates of size Zero, One, Two, Three & Four (Size four for Occlusal Imaging) with 100% active area, with high resolution.
2. The highest number of grey scales 16 Bit (65,536). Software should have the capabilities to show captured image in Fine, carries1, carries2, endo, perio & noise reduction mode. Software should also have the capability to capture image in High resolution 40 LP/mm/ 22LP/mm or fast at 10LP/mm for Endo treatments.
3. Should have self sterilization(UV) function.
4. Minimum Computer/ laptop Specifications Required for installation of RVG Processor : Intel Core I3 (2.13 GHz or more) Operating System : Windows7 – 64 Bit Software Package : Office 2007/2010 – full version Acrobat Reader 9.0 or above HDD : 500 GB RAM Memory : 4 GB CD ROM/ DVD : 52 X (CD-R drive recommended) Port : USB 2.0 (Minimum 3 Ports) Monitor : TFT or LCD15” SVGA 1024 X 768 Pixel True Color at over 70 Hz.
5. Display Adapter : 64 – bit accelerated with at least 16 Mb Of video memory Graphic Card : ATI Radeon 1 GB or NVIDIA

 Post delivery instruction, demonstration, training, and interface familiarization should be provided.

Dental Equipments and Instruments:

Autoclave:

* **Technical Specifications:**
* It should have capacity of 17-22 Liter;
* It should be microprocessor controlled;
* It should have separate steam generating chamber;
* 3 times pre vacuum & 1 time post vacuum with dry cycle;
* It should have LCD display;
* Programs:
* Emergency 134 degreeC/4 min flash cycle
* Solid: 134 degreeC/ 4min for nude and Hollow 121 degree/ 20 min packed hollow instruments
* Hollow: 134 degreeC/ 4 min for nude and hollow 121 degree/20 min for packed hollow instruments
* Porous: 134 degreeC/4 min for porous and 121 degreeC/20 min for packed porous instruments.
* Vacuum: 5 min vaccum test program
* Single door, self-sealing with high- quality silicone gasket;
* **User's interface:**

5 sterilization cycles with option to run wet or Wet & Dry cycles with automatic change over.

* **Software:**
* User selectable Pre-vacuum, Power Failure Memory, Automatically restarts on Power Consumption, (for custom program)
* Preferably with a computerized control unit ensuring a fully automatic sterilization cycle, control and monitoring of physical parameters and a clear documentation of the sterilization cycle controls the autoclave
* **Atmosphere:**
* Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.
* Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.
* **Certificates**:
* Should be CE (EU)/FDA (US) approved.

Manufacturer / supplier should have ISO 13845 certificate for quality standard

**Automatic Water Distillor:**

* **Technical Specifications:**
* Should easily connect directly to the tap water source using a 1/4" line for on-demand distilling.and reduces 99% total dissolved solids
* Should be a fully automatic model and compact design. Automatically stops when distilled water storage tank is full, and starts distilling automatically when the distilled water level drops
* Should feature an efficient, quiet running, and long-lasting cooling machanism
* Should have water level sensors to control water level inside boil chamber and collection water tank;
* Should have a Raw water inlet control valve;
* Should use an electronic circuit board to control the flow from water inlet, boiling process, and control of water level in distilled water storing tank;
* Should have a residue discharge valve for easy discharge of residue and cleaning of boiling chamber;
* Production rate of water distiller should range from 3gal/day to 12 gal/day;
* Water Distiller Baffle Distance - When water boiled it is first converted to wet steam and then to dry steam through water distillation;
* Water Distiller Construction - The best construction material is stainless steel
* Water Distiller Storage Containment - 90% of contaminants removed from tap water after distillation
* Should compatible with all type of dental chairs;
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Power Requirements**: Recharging unit: Input voltage-220- 240VAC ± 10%, 50/60 Hz
* **Accessories:**

Charcoal pre-filter (minimum 6 Qty)

Water Supply Line

* **Certificates**:
* Should be CE (EU)/FDA (US) approved.

 **Forceps set for extraction (Adult and Pediatric)**

**Clinical purpose:** For tooth extraction

* **Technical characteristics:**
* Forceps should have precise, anatomically-designed beaks for a sure, effective grip;
* Forceps should have optimum Rockwell hardness for optimum tensile strength;
* Thick non-slip handle with minimum 10mm length
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Extraction Forceps (Adult):**
* Lower molar
* Lower premolar
* Upper anterior
* Upper molar (Left)
* Upper molar (right)
* Upper premolar
* Upper root forceps anterior
* Upper root forceps posterior
* Upper cow horn forceps
* Lower cow horn forceps;
* **For Pediatric:**
* Lower anterior
* Lower molar
* Upper anterior
* Upper molar (Left)
* Upper molar (right)
* **Disinfection**: All instruments should be Autoclavable

**Restorative Filling Instruments Set:**

* **Clinical purpose:** Restorative Filling and Carving of teeth
* **Technical characteristics:**
* The instrument shall be free from burrs, pits, cracks and other surface defects;
* Handle should have minimum 10mm length;
* Should not cause corrosion or felting;
* All instruments should be Autoclavable;
* Made of medical grade stainless steel;
* plastic filling instrument – reverse double and medium size;
* Burnisher – ball – 1.3 mm -2.1mm tip diameter;
* Spoon Excavator – large tip diameter – 2.0mm-2.5mm;
* Spoon Excavator – small tip diameter – 1.2mm-1.5mm;
* Doudle ended Hollenback carver;
* Double ended Condenser – Marquette – tip diameter – 1.00mm-1.4mm;
* Placement Instrument (flat and ball end);
* Cement Carrier - double ended 1.5mm-2mm;
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection &Sterility Issues:**
* Unit layout to enable easy cleaning and sterilization of all surfaces, with no unreachable fluid traps.

**Ultrasonic Scalers:**

* **Clinical purpose:** Used for the removal of calculus (and plaque) in the anterior and posterior regions of jaws.
* **Technical specifications:**
* Suitable for removal of calculus up to a pocket depth of 3 mm;
* Extra light and "handy" ensures a more fatigue-free working;
* Thick non-slip handle with minimum 10mm length;
* Proprietary heat treated and cryogenic processed stainless steel alloy working tips are super-durable;
* Made of medical grade stainless steel;
* all instruments should be Autoclavable
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection &Sterility Issues:**
* Unit layout to enable easy cleaning and sterilization of all surfaces, with no unreachable fluid traps.

**Mouth Mirrors:**

* **Clinical purpose**: For allowing indirect vision by the dentist, reflecting light onto desired surfaces, and retraction of soft tissues.
* **Technical Specifications:**
* Reusable mouth mirror, common mirror;
* Mirror should be detachable from the mirror handle and diameter 24mm;
* Thick non-slip handle with minimum 10mm length;
* Extra light and "handy" ensures a more fatigue-free working;
* Medical Grade Stainless steel;
* Instrument should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable.

**Straight Probes**

* **Clinical purpose:** For exploring Carious teeth
* **Technical Specifications:**
* Extra light and "handy" ensures a more fatigue-free working;
* Should have a firm grip;
* Thick non-slip handle with minimum 10mm length;
* Made of medical grade stainless steel;
* Instrument should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Dental Tweezers**

* **Clinical purpose**: For picking up small objects like cotton rolls
* **Technical Specifications:**
* Type: Angled;
* Should be non-locking;
* Should have a firm grip;
* Length: range between 15cm and 18cm;
* Material: Medical Grade Stainless steel;
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Cheatle forceps:**

* **Clinical purpose:** To take sterile instrument, for placing or removing items
* **Technical Specifications:**
* Should be reusable;
* Medical Grade Stainless steel;
* Should be Handy;
* Light weight and Convenient to use;
* Should be 10’’ length;
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Kidney tray**

* **Clinical purpose**: A kidney dish is a shallow basin with a kidney-shaped footprint and sloping walls (hence its alternate name) used in medical and surgical wards to receive soiled dressings and other medical waste.
* **Technical Specifications:**
* Should be reusable and Autoclavable;
* Should be medical grade stainless steel;
* Size should be 8” length
* Rust free, Light weight and Convenient to use;
* Instruments should be CE (Europe)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Matrix Band and retainer**

* **Clinical purpose:** To secure the ends of a matrix band around a tooth during filling.
* **Technical Specifications:**
* Retainer should be No1 & 8;
* Retainer should be reusable;
* All matrix band should be non contoured;
* Matrix band compatible with retainer no 1 should be inserted easily.
* Matrix band compatible with retainer no 8 should be inserted easily.
* Matrix band should be sufficiently rigid to retain the contour, should not adhere or react with restorative material, should resist the condensation pressure, and should be easy to remove.
* Both retainer and matrix band should be made of Medical Grade Stainless steel.
* Light weight and Convenient to use.
* Retainer and matrix band should be CE(EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Dental Impression Trays**

* **Clinical purpose**: To hold the impression material as it sets and supports the set impression.
* **Technical Specifications:**
* Both perforated
* Perforated full denture set should have 8 impression trays 1 set of upper impression tray-U0,U1,U2 & U3 and 1 set lower impression tray-L0, L1, L2 & L3);
* Medical Grade Stainless steel;
* Should be Handy and convenient to use;
* Should be CE (EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Scissors:**

* **Clinical purpose:** For suture cutting
* **Technical Specifications:**
* Should be reusable;
* Should be corrosion rust free;
* Thick non-slip handles;
* Should be 5’’-6’’ size straight;
* Should be CE (EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Needle holder**

* **Clinical purpose:** To hold a suturing needle for closing wounds during suturing and surgical procedures.
* **Technical Specifications:**
* Should be reusable;
* Thick non-slip handles;
* Should be corrosion resistant rust free;
* Made of medical grade stainless steel;
* Should have 6”- 8” size;
* Should be CE (EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Bone Chisel (mono bevel)**

* **Clinical purpose:** To shave bone during extraction/surgery
* **Technical Specifications:**
* Should have 4mm blade and 16mm straight length of instrument.
* Should be reusable;
* Thick non-slip handles and corrosion resistant rust free;
* Made of medical grade stainless steel;
* Should be CE (EU)/ISO certified or FDA (US) certified
* **Disinfection & Sterility**: Should be autoclavable

**Scalpel handle**

* **Clinical purpose**: To receive surgical blades during surgeries
* **Technical Specifications:**
* Bard Parker style with metric rule (No 03), finely balanced, pen-like scalpel handle that easily rotates and maneuvers in difficult to reach areas with fingertip control.
* Metal, sterilizable handle for replaceable blades;
* Thick non-slip handles and corrosion resistant rust free;
* Made of medical grade stainless steel.
* Should be CE (EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Drum**

* **Clinical purpose:** Dental, Medical Gauze And Sterilizing purpose
* **Technical Specifications:**
* Should be reusable;
* Thick non-slip handles;
* Made of medical grade stainless steel
* Should have 2 different type (including perforated) minimum 6inches height and 9inches diameter;
* Locking facility should available;
* Should be CE (EU)/ISO certified or FDA (US) certified;
* **Disinfection & Sterility**: Should be autoclavable

**Plaster Spatula (Straight and Curved)**

* **Clinical purpose:** For mixing dental plaster/ stone /alginate etc
* **Technical Specifications:**
* Should be straight and curved on the edge (1Each);
* Should have stainless steel blade with wooden handle;
* Blade should be rounded on the both the end;
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Rubber Bowls**

* **Clinical purpose**: For mixing dental plaster/ stone /alginate etc
* **Technical Specifications:**
* Rubber made, easy to clean;
* Should have minimum 2 different sizes (Small and medium);
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Suction tips**

* **Clinical purpose:** Suck out saliva/ water during examination and dental procedures.
* **Technical Specifications:**
* Should be detachable;
* Should be Stainless Steel and 2 Nos;
* **Disinfection & Sterility**: Should be autoclavable

**Cheek Retractors**

* **Clinical purpose:** Retracts the lips and cheeks for optimal buccal and gingival access, maximum visibility and patient comfort;
* **Technical Specifications:**
* Suitable for use in diagnostic, preventive and therapeutic dental application;
* Should be reusable and latex free material;
* Should have both one adult and one pediatric sizes;
* Should be self retaining;
* Material should be flexible, which make patients very comfortable;
* Cheek retractor made of durable clear plastic for increased visibility;
* **Disinfection & Sterility**: Should be autoclavable

**Cement Spatula (plastic and metal)**

* **Clinical purpose**: For mixing, cements and pastes
* **Technical Specifications:**
* Plastic made spatula – 1 No;
* Double-ended stainless steel made spatula with length 44 mm – 1 no;
* Should be handy, light weight and convenient to use;
* Should be flat blade from one side, arch headed on another;
* Handle length should be minimum 10mm;
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Mortar And pestle**

* **Clinical purpose**: For making silver filling by mixing powder and liquid
* **Technical Specifications:**
* Should be reusable
* Thick non-slip mortar surface and pestle handle;
* Should be made of glass;
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Burs assorted for contrangle hand-piece**

* **Clinical purpose**: Used for cavity making
* **Technical Specifications:**
* Burs assorted for contrangle hand-piece(round, Straight, inverted cone);
* Round diameter – 014;
* Straight diameter – 009;
* Inverted cone diameter – 012;
* Made of medical grade material (tungsten or ceramic);
* Should have certification: CE (EU)/FDA (USA);
* Should have compact storage box;
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Composite kit**

* **Clinical purpose:** Etchant - Etch and prepare the tooth before filling Bonding agent - Bond the filling material to the tooth
* **Technical Specifications:**
* 37% phosphoric acid gel form;
* Syringe with disposable tips to prevent cross contamination;
* Dentin bonding agent;

**Composite finishing and polishing kit**

* **Clinical purpose:** Polishing composite fillings
* **Technical Specifications:**
* Composite polishing kit for low speed handpiece
* Composite Polishing Set
* Should have certification: CE (EU)/FDA (USA);
* Should have compact storage box;
* **Disinfection & Sterility:** Unit could be cleaned using alcohol based cleaning agents.

**Green cloth bags for autoclaving instruments**

* **Clinical purpose**: Wrap the instrument for autoclavable
* **Technical Specifications:**
* Should available in 4 different (6 x 9 inches, 12 x 18 inches 24 x 36 inches and 40 x 40 inches) rectangular sizes cloth in green color;
* Should be autoclavable;
* Should be constructed of hospital grade drape



**Polishing brush and cup**

* **Clinical purpose**: Polishing of teeth after cleaning/ before pit and fissure

Sealant.

* **Technical Specifications:**
* Should have dental multiple use polishing cups and polishing brush;
* Latch type prophy brush
* Material: Nylon, bristle Shape: Flat
* Latch type prophy cup
* Material: Nylon Shape: Flat, webbed
* Should be CE (Europe)/ISO certified or FDA (US) certified
* Should have 1Qty. polishing brush and 1Qty. cup;
* **Disinfection & Sterility**: Should be autoclavable.

**IOPA X-Ray film Adult:**

* **Clinical purpose**: Intraoral dental xray film, taking x-ray of teeth
* **Technical Specifications:**
* Should have protected cover on X-ray film(Super poly soft);
* Should be E Speed in size 2: 31x41 mm (Adult size);

**IOPA X-ray film Pediatric**

* **Clinical purpose:**
* Taking x-ray of teeth in pedo patients
* **Technical Specifications:**
* Should have protected cover on Xray film(Super poly soft);
* Should be E Speed in size 0: 22x35 mm (child size);

**Dental X ray**

* **Clinical purpose:** Used for xray of teeth.
* **Technical Charecteristics:**
* Wall mounted, compact, digital, AERB type approved unit;
* Intra oral X‐ray unit should be based on DC current, tube voltage, selection: 60‐65‐70 kVp, tube current 6mA/ 8 mA, focal spot 0.7 x 0.7 mm, total filtration>2 mm Al, minimum range of exposure time range –0.02 to 3.2 secs,
* Manufactured with international Safety standards for radiation leakage, electronic selection of exposure time/radiation according to tooth number. It should be possible to select exposure time manually
* Should have audible & visual indication of “x-ray on”
* Should have a option of remote hand held trigger botton
* X-ray tube head should have swing angulations of atleast 290º in the vertical plane and 360 º continuous rotations in the horizontal plane.
* X-ray tube head should have angle indication
* Should have a counter balanced arm mechanism.
* **Lead Apron and thyroid guard:**
* Should be AERB approved.
* Should be 0.5mm lead equivalent.
* Should be hook and loop type (Velcro fitting).
* Should be supplied along with thyroid guard.
* **Dimensions**:
* Wall support (12 cm width, 24 cm height, 9 cm depth)
* 30, 60, and 80 cm extension arms
* **Heat Dissipation**:
* Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism.
* **Accessories:**
* Should be supplied lead apron
* Rectangular Collimator Adaptor
* **Certificates:** Should have safety certificate from a competent authority 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. IEC 60601-1-3,IEC 60601-1-2,IEC 60601-2-7/28/32,IEC 336/1993

**Intera oral xray**

|  |  |
| --- | --- |
| Short Arm Inside Reach | 56.3″ |
| Medium Arm Inside Reach | 68″ |
| Long Arm Inside Reach | 76″ |
| Power supply | 110V +/- 10%  |
| kVp | 70 kV |
| mA | 8 mA |
| Focal Spot (mm) | 0.7 x 0.7 |
| Duty cycle | 1:32 |
| Shipping Weight | 80 lbs. |
| Mobile Option | No |
| 16″ Wall Plate | Included |

**Computer**:

1. HP/Dell Commercial series Desktop
2. Intel Core 17 Processor
3. Windows 10
4. 4GB RAM/1TB HDD
5. CD/DVD R/W
6. Included 21” LED monitor or bigger
7. USB Keyboard/Mouse

**SPEECH AND LANGUAGE ASSESSMENT ROOM:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | Receptive-Expressive Emergent Language Test - Third Edition (REEL-3) for 0-3 years | 3 |
| 2 | LPT-Linguistic profile Test for 3-9 years | 3 |

 **Receptive-Expressive Emergent Language Test—Third Edition (REEL-3**

* **Clinical purpose**: The REEL-3 uses the behavioral observations of parents or guardians to identify major language problems in youngsters up to 3 years of age.
* **Technical Specifications:**
* Should have paper based forms;
* Should consists of two core subtests--Receptive Language and Expressive Language (3rd edition);

 **Linguistic Profile Test (LPT)**

* **Clinical purpose**: For evaluation as well as a basis for rehabilitation and linguistic retraining of the communicatively disabled
* **Technical Specifications:**
* Should have paper based forms;
* Forms should have focused on the collection of normative data for school going children from Grade 1 to Grade V for the LPT;
* Forms should be suitable for collecting data for children ranging in age from 6+ years to 10+;
* Form should be compatible with 30 subjects in each age group;
* Forms should include Mean and Standard deviation of LPT scores. Mean and standard deviations of each of the three sections (Phonology, Syntax and Semantics) of LPT should also mention;
* Forms should have normative data, which would be useful in identifying children with language disorders at particular linguistic levels and also as a baseline for speech-language therapy;

**ECG MACINHE CUM ECHO ROOM:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | ECG Machine and Leads | 3 |
| 2 | Resting Table | 3 |
| 3 | Air Conditioner | 1 |
| 4 | Echo Machine with Neonatal & Pediatric Probe  | 3 |

**ECG machine with pediatric Chest leads:**

* **Clinical purpose**: ECG Machine is a primary equipment to record ECG Signal in various configurations.12 channels with interpretation is required for recording and analyzing the waveforms with inbuilt software.
* **Technical Specifications**:
* Should acquire simultaneous 12 lead ECG for both adult and pediatric patients.
* Should have Real time Color display of ECG waveforms with signal quality indication for each lead.
* Should have Artifact, AC, and low and high pass frequency filters.
* Should have a storage memory of at least 100 ECGs with easy transfer by modem and data card .
* Should have full screen preview of ECG report for quality assessment checks prior to print.
* Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and pediatric patients.
* Should have alphanumeric Keyboard for patient data Entry. (Virtual or hard keys).
* Should have High resolution (200 dpix500dpi on 2550mm/sec speed)maintenance free digital array A4 size printer.
* Should have report formats of 3 x4; 6 x2 Rhythm for up to 12 selected leads; 12 Lead Extended measurements, 1 minute of continuous waveform data for 1 selected lead.
* Should have battery capacity of at least 30 ECGs or 30 minutes of continuous rhythm recording on single charge.
* Should be able to be connected to HIS /LAN/Wireless LAN
* Should display ECG on LCD/TFT Display of 640x480 pixel resolution.
* USB Support for Storage on external portable memories.
* Multimode of ECG Storage capability, 150 ECG on Internal Flash Memory.
* Should have 3 operating mode: Automatic, Manual & Rhythm.
* Should have Defibrillation Protection.
* **Accessories**
* ECG Machine 12 Leads with Interpretation
* Patient Cable
* Chest Electrodes Adult (set of six) -02 sets
* Chest Electrodes Pediatric (set of six) -02 sets
* Limb clamp Electrodes (set of 4) 02 sets of Adult and 02 sets of Pediatrics
* Tab electrodes for neonates (34/13mm) for 500 patients.
* ECG electrode adapter (set of 10) 02 sets of pediatrics (Socket fit for 3.0 mm Din plug or 4.0mm banana plug)
* Thermal Paper A4 Size for 500 patients
* Supplied with suitable Trolley; which made powder coated frame with SS304 grade to f/SS.
* **User's care, Cleaning, Disinfection & Sterility issues**
* **Disinfection**: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
* **Certificates:**
* Should be US FDA and European CE, approved product.
* Electrical safety conforms to standards for electrical safety IEC – 60601 -1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.(OR EQUIVALENT BIS Standard)

 **Resting Table:**

* Resting Tables are a convenient height for treatment of 36 inches with ample area for supplies. The two drawers and 2-door storage cabinet medical treatment/exam table with stairs.

 **Air Conditioner (1.5 ton)**

* Make: Voltas, Carrier. Onida,. Samsung, LG/Equivalent
	+ Supplied AC will be Split with digital display of temperature in indoor unit with star rating
	+ Should have 3 star rating for electrical energy rating
	+ Air circulation(CFM H/M/L): above 450/350/300
	+ Moisture Removal(L/hr): above 1.5
	+ IDU Noise level(dBA) : ≤ 55/50/45
	+ Control : Microprocessor controlled codeless remote
	+ Display : LED/LCD
	+ Remote control distance : Min 10 meters Voltage Stabilizer
	+ Power Supply, power input to be 220-240 VAC, 50 Hz
	+ Voltage Stabilizer Wall mounts type with Time delay, High& low voltage.
		- Capacity: 4 KVA
		- Input voltage: 130-300 V
		- Output Voltage : 200-240 V
		- High Voltage Cut Off : 240
		- Efficiency: >95%
		- Frequency : 50Hz
1. 4 mtr copper piping with superlon insulation for suction line
2. 4 mtr copper piping with superlon insulation for Discharge line
3. 1 mtr PVC piping for drain
4. Indoor - Outdoor unit connecting power cable and required cable from power socket to stabilizer and from stabilizer to AC Unit
5. Outdoor stand.

**Supplied with:**

* + User manual with trouble shooting guidance, in English
	+ Training and installation at end-user site.

 **Ultrasound cum ECHO Machine for Pediatric and neonate**

* **Clinical purpose**: To evaluate the size, thickness and movement of heart structures (chambers, valves, etc.).
* **Technical characteristics:**
* The system should be a state of the art digital technology system with all advanced imaging features.
* Capable of doing adult, pediatric and neonatal echocardiography.
* Should have a high resolution TFT monitor having screen between 12”-15” inches.
* The system should have the facility for high- resolution 2D, anatomical M Mode (both online and offline), PW, CW, Color flow imaging and tissueDoppler imaging.
* Should have color compare mode (color mode and normal gray-scale mode simultaneously
* The system should have zoom facility.
* It should be an ultra portable package, hand carrying machine. Total weight of the machine should not be more than 6.5kg.
* There should be automatic image optimization
* Should have one touch image optimization and automatic real time Doppler tracing.
* The system should have an easy to use control panel with alphanumeric keyboard, illuminated keys and status display.
* The system should have facility for gain adjustments using slide pot controls.
* The system should have at least two ports for adult and pediatric transducers.
* Data entry should be possible by key board
* Should have image management facility with facility for direct storage of images and loops in the hard disk drive and options for review and edit images, loops and reports
* The system should have the storage capacity for at-least 50 patients’ data with an option of removable storage and transfer image via USB ports
* Should have ECG and respiratory phase input on screen.
* The system should measure all essential parameters like diameter, area, ejection fraction etc.
* Should have automatic quantification of Doppler parameters to display user selected measurements
* **Accessories:**
* One high frequency (5.0-12.0MHz) phased array transducer for Neonatal heart and Neonatal Head applications with a small footprint size of 15x12mm. Should have depth of field between 12-15cm and field of view at least 105°.
* One phased array transducer for use in Pediatric heart with a footprint size of 15x22mm and with a bandwidth of 3-8 MHz. Should have depth of field between 15-20cm and field of view at least 115°.
* One tightly curved array transducer for Pediatric abdomen; vascular applications with a footprint size of 10x25mm and with a bandwidth of 3-9 MHz and should have depth of field 30cm and field of view 125- 140°.
* One linear array transducer with a small footprint for musculoskeletal application such as DDH, vascular, small parts, thyroid scrotal etc. It should have a bandwidth of 4.5-12 MHz with a field of view of 40-50 mm and depth of field 8 cm.
* Z Score package for Paediatrics
* The machine should be mounted on a stand/ trolley of the same company with wheels.
* **Certificates:**
* System should be US FDA and/or European CE approved.

**LABORATORY**:

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | Automated Blood Cell Counter | 3 |
| 2 | Microscope | 3 |
| 3 | Semi Automated Analyser | 3 |
| 4 | Digital Heamoglobinometer | 3 |
| 5 | Lab Reagents | 3 |
| 6 | Testing Kit | 3 |
| 7 | Slides, Beakers, Test Tubes etc | 3 |
| 8 | Air Conditioner / 1 ton | 2 |
| 9 | Elisa Reader & Washer | 3 |
| 10 | Hemoblobin HPLC System | 3 |
| 11 | Flurometer | 3 |
| 12 | Hb Electrphoresis Machine | 3 |

**Automated Blood cell Counter**

* Should have in-built thermal printer with software compatibility for external computer/LAN and printer.
* Should have extended linearity(preferably upto 25g/dl for HGB, 1 lac/Cubic mm for RBC and 10 Lac/Cubic mm for platelets.
* Number of reportable parameters: a minimum of 18 parameters
* Essential reportable parameters in whole blood:Hemoglobin(HGB);Hematocrit(HCT);RBC,MCV,MCH,M CHC,RDW-SD,RDW-CV;WBC #,Granulocytes(Neutrophils)#,Granulocytes(Neutrophils)% of WBC; Lymphocyte % of WBC; Mixed (Eosinophils, Monocytes, Basophils and others)#; Mixed(Eosinophils, Monocytes, Basophils and others)%; Platelets(PLT);MPV;PDW 5)Sample: Both whole blood and pre-diluted mode
* Throughput: Minimum of 50 samples/hour
* Principle: Electrical Impedance method
* Minimum of three histograms-RBC,WBC and PLT should be displayed
* Memory: Minimum of 200 results memory

 **Microscope**

* **Technical Specifications**
* Binocular microscope, Eye piece lenses x10,x15
* Objectives x4,x10,x40,x100
* Operated with transmitted light from bulb
* Including condenser Include two extra bulbs, graticule to be fixed on eyepiece
* Stage micrometer 230V 50-60 Hz
* **Dimensions (metric):** [380-450] x [203-820] x [305-380]
* **Weight:** Max: 10 Kg
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Certificates**
* Should have IEC 61010-1 certificate
* Instrument should be CE (EU) marked or USFDA approved;

 **Semi-automated analyzer**

* **System Type** : Fully Automatic, Discrete, Random Access, STAT sample priority
* **Throughput** : 120 Tests/Hour
* **Type of Tests** : Routine & Un common
* Biochemistry Enzymes, Substrates,
* Drug Assays, Serum Proteins
* Analysis Mode : End Point, Fixed Time,
* Kinetic, Linear/Non-Linear Multipoint
* **Calibration & Programming** : Open System for user Defined Profiles and calculations
* **Optical System:**
* Filters : 6 Interference Filters Absorbance Range : 0.000 to 2.500 Abs. Unit
* **Reagent System:**
* Carousel: 18 Open Positions.
* 10 Positions for small reagent bottle -8 Positions for large reagent bottle Reagent probe volume 80 to 350 µl Reagent Compartment cooled to 80C to120C below the ambient Temperature
* Pre-heated collision protected probe with liquid level detection
* **Sample System:**
* 22 Open Positions (for Sample/Standard/Calibrator/Control) Sample probe Volume 6 to 40 µl Dedicated arm with Liquid Level Detection
* **Reaction System:**
* 40 Individual permanent Cuvettes Reaction Temperature is 37°C, Controlled
* **Wash Station:**
* Intelligent software to wash the cuvettes
* Wash/Wipe Station
* **Mixing Station:**
* Dedicated Mixing arm
* Collision protection
* **Calibration & Control:**
* Quality Control by Levey Jennings / Westgard Rules

**Digital Haemoglobinometer:**

* **Clinical purpose**: A Hemoglobinometer is an instrument used to determine the hemoglobin content of the blood by spectrophotometric measurement. Portable hemoglobinometers provide easy and convenient measurement, which is particularly useful in areas where no clinical laboratories are available. It is also useful in emergencies due to its ease-of-use, accuracy, and fast delivery of results.
* **TECHNICAL CHARACTERISTICS:**
* Should have testing time of not more than 5 seconds
* Sample volume should not be more than 20µL
* Range of measurement should be between 0 to 25g/dl
* Output: On-board screen display screen, printer(optional)
* Should be able to withstand outdoor environmental conditions
* **Weight (lbs, kg**): Max: 250 g (excluding battery)
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Accessories:**
* Cuvette supply should be accompanied by equal supply of Disposable Lancets and swab in equal numbers and not to exceed Rs.30/unit
* 1x10 cells
* 1x50 cuvettes extra for calibration/checking purposes
* **Certificates**
* Should have IEC 61010-1 certificate;
* Instrument should be CE (EU) marked or USFDA approved;
* Manufacturer / supplier should have ISO 13485 certificate for quality standard.

**LAB Reagents:**

**Should have to supply the reagents which are related with the Laboratory equipments Automated cell counter, Semi automated analyzer, Digital Haemoglobinometer, Elisa Reader and washer, and electrophoresis machine.**

**Testing Kit:**

### [Hydroscout Analyser System](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Hydroscout-Water-In-Oil-Test-NZ.pdf)

* Test for water in oil with our Hydroscount Analyser System! HydroSCOUT is a field portable test that quantifies water concentration in a variety of matrices, (oil, paint, solvents, liquid waste, soil, inks, etc). HydroSCOUT can quantify water content in two ranges for used oil, 0 to 20% and 10 to 100%

### [Dexsil Clor-N-Oil](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Clor-n-Oil-PCB-Test-Kit-NZ.pdf)

* Designed to be used on-site, Clor-N-Oil is a fast, accurate method to test electrical insulating fluids for the presence of PCB. Each pocket-sized kit contains everything necessary to perform the test in less than 5 minutes

### [Dexsil CLOR-D-TECT 1000](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Clor-d-Tect-Chlorine-Test-Kit-NZ.pdf)

* CLOR-D-TECT 1000 provides a “go, no-go” result at a level of 1000 ppm chlorine. Ideal for use by oil transporters, generators and facilities that recycle or re-refine used oil can incorporate Clor-D-Tect 1000 into their management of waste oil to prevent costly hazardous waste from being mixed with non-contaminated oil

### [Dexsil CLOR-D-TECT 4000](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Clor-D-Tect-4000-Chlorine-Test-Kit-NZ.pdf)

* Clor-D-Tect Q4000 under USEPA SW-846 Method 9077 to determine quantitative chlorine levels in used oil

### [Dexsil Titra-Lube TBN](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Titra-Lube-TBN-Total-Base-Number-Test-Kit-NZ.pdf)

* Our Dexsil Titra-Lube TBN test kit measures Total Base Number, (TBN) in lubricating oil in Diesel Engines

### [L2000DX Analyser System](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-L2000DX-Analyser-System-PCB-Chlorinated-Organics-Test-Kit-NZ.pdf)

* PCB/Clorinated Organics Testing for Dielectric Fluid, Soil, Water and Surface Samples

### [Dexsil Quant-N-OL](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Quant-N-Ol-Ethanol-in-Gasoline-Test-Kit-NZ.pdf)

* Quant-N-Ol is an on-site test for quantifying alcohol in gasoline. This fast, easy-to-use test allows regulators and gasoline distributors to test for the presence and percentage of alcohol in gasoline, on-site, with safe non-toxic reagents in less than 2 minutes

### [Dexsil Titra-Lube TAN](https://www.thermofisher.co.nz/Uploads/file/Environmental-Industrial/Environmental-Monitoring-Safety/Workplace-Safety/Field-Laboratory-Test-Kits/Dexsil-Titra-Lube-TAN-Total-Acid-Number-Test-Kit-NZ.pdf)

* Our Dexsil Titra-Lube TAN measures total acid number in oils such as lubricating, hydraulic, pump and other oils

**Slides Beakers Test tubes:**

Should have to supply Slides Beakers and test tubes as required from the enduser.

**8. Air Conditioner (1 ton)**

* + Make: Voltas, Carrier. Onida,. Samsung, LG/Equivalent
	+ Supplied AC will be Split with digital display of temperature in indoor unit with star rating
	+ Should have 3 star rating for electrical energy rating
	+ Air circulation(CFM H/M/L): above 450/350/300
	+ Moisture Removal(L/hr): above 1.5
	+ IDU Noise level(dBA) : ≤ 55/50/45
	+ Control : Microprocessor controlled codeless remote
	+ Display : LED/LCD
	+ Remote control distance : Min 10 meters Voltage Stabilizer
	+ Power Supply, power input to be 220-240 VAC, 50 Hz
	+ Voltage Stabilizer Wall mounts type with Time delay, High& low voltage.
		- Capacity: 4 KVA
		- Input voltage: 130-300 V
		- Output Voltage : 200-240 V
		- High Voltage Cut Off : 240
		- Efficiency: >95%
		- Frequency : 50Hz
1. 4 mtr copper piping with superlon insulation for suction line
2. 4 mtr copper piping with superlon insulation for Discharge line
3. 1 mtr PVC piping for drain
4. Indoor - Outdoor unit connecting power cable and required cable from power socket to stabilizer and from stabilizer to AC Unit
5. Outdoor stand.

**Supplied with:**

* + User manual with trouble shooting guidance, in English
	+ Training and installation at end-user site.

**Elisa Reader:**

* **Clinical purpose**: Used as a diagnostic tool in medicine and plant pathology, as well as a quality-control checks in various industries
* **Technical Specifications:**
* Optical System: Digital light control 8/12 measurement channels including absorbable range 0-3.0 abs 1 reference: Single and dual wavelength measurement with facility for kinetic measurement. 8s minimum measurement time;
* Measurement: Range for wavelength should be 400 to 700 nm;
* Accuracy:(0.000-1.000 abs)± 0.005 abs
* Resolution:0.001 abs
* Grating/In built(Tunable) Filters with narrow band interference. Essential 405,450,492 and 630 nm Plate shaking mode for sample
* Flexible blank mode setting
* Matrix Modes: Matrix -/x/t,Matrix- 0/0,Matrix-/f/(Floating cut-off)
* Difference Mode: Absorbance of each well in even numbered subtracted from those of odd- numbered columns.
* Curved fit Modes: LIN/LIN;LOG(4 parameter fit curve);LOG/LOG or auto curve transformation with the ability to add the standard curve;8-12 way string orientation or kinetic modes
* Table of optical densities, DeltaDD Graphic, Reaction rate/V-Max.
* Adjustable for different micro plate geometrics
* Halogen lamp 20-40 W with pre- failure warning
* 16 digit alphanumeric fluorescent display membrane keyboard
* 3-8 standards in single or duplicate wells
* Operating cycle should be programmable.
* Should have automatic calibration before each reading.
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Accessories**:
* ELISA Reader with built-in printer and digital interface
* Halogen/xenon lamps x 2
* Thermal paper printer x10
* Dust Cover
* Set of pipettes consisting of single channel variable volume color pipettes: [0.5-10µl, 2-20µl, 20-200µl] x 2 each: 8 channel variable volume pipettes,5-50µl and 50-300µl
* Pipettes should offer easy in-lab calibration, quick tip ejection, and click volume setting and high accuracy precision
* **ELISA Plate Washer(Automatic)**
* Auto strip washer for all 96 well plates 1x8 strips/1x12 strips
* Dispensable volumes 25-300µl Soaking time 1-250 sec
* Aerosol shield for user safety
* 1 x 8 and 1 x 12 channel manifold
* All tubing sets, wash/rinse waste bottles
* Maintenance kit, vacuum filter
* Certificates:
* Should have IEC 61010-1 certificate
* Instrument should be CE (EU) marked or USFDA approved;
* Manufacturer / supplier should have ISO 13485 certificate for quality standard.

**HPLC System:**

* **Clinical purpose**: Fully automated instrument for estimation of Hemoglobin fractions, HbA, HbF, HbA2, and Hemoglobin variants HbE, HbD and HbS required for diagnosis of Beta Thalassemia and common hemoglobinopathies.
* **Techncial Specifications**:
* Should work on the **principle** of High Pressure Liquid Chromatography,the gold reference standard the reference technology for estimation of hemoglobin fractions
* **Sampling**: System should be able to use primary samples collected in standard anticoagulants (EDTA).No sample preparation should be required.
* Minimum of 10 samples should be able to load at a time.
* **Throughput Time of analysis per sample:** not more than 8 minutes for thalassemia and not more than 5 minutes for HbA1c for diabetes.
* Results should be displayed on screen and also there should be printout facility with integral printer able to printout the chromatogram also.
* There should be a memory facility for storage of results of a minimum of upto 100results
* Two point calibration and calibrator should be traceable to IFCC.
* **Heat Dissipation**: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
* **Accessories:**
* 1x thermal paper roll External computer with printer compatible with the testing system
* **Certificates:**
* Instrument should be CE (EU) marked or USFDA approved;
* Should have IEC 61010-1, IEC 61010-2-101:2002;
* Manufacturer / supplier should have ISO 13485 certificate for quality standard.

**Flurometer**

### System specifications

|  |  |
| --- | --- |
| Instrument dimensions | 5.4 in (w) x 10 in (l) x 2.2 in (h)(13.6 cm x 25 cm x 5.5 cm) |
| Weight | 743 g |
| Dynamic range | 5 orders of magnitude |
| Processing time | ≤5 seconds/sample |
| Light sources | Blue LED (max ~470 nm)Red LED (max ~635 nm) |
| Excitation filters | Blue 430–495 nmRed 600–645 nm |
| Emission filters | Green 510–580 nmRed 665–720 nm |
| Detectors | Photodiodes: measurement capability from 300–1,000 nm |
| Warm-up time | <35 seconds |
| USB drive | 4 GB |

**Hb Electrophoresis Machine**

* This is a Haemoglobin screening and testing system with following specifications GEL ELECTROPHORESIS UNIT
* The Mini Horizontal Gel Box system should offer extended run length and improved resolving area for complex analysis in a mini gel format
* These system should be designed for rapid separation of hemoglobin molecules or agarose gels and should be ideal for sickle cell analysis
* The system should have a Dimension of 15 cm W x 22 cm L x 9.5 cm H
* UV transmissible gel tray with fluorescent graduation on the base of the gel tray. The gel tray dimensions should be 9 cm W x 11 cm L with grooves (8.7 cm L x 1.2 cm H) on the side for gripping the gel tray. It should havetwo comb slots on the sam tray area.
* The gel tray should have stable silicone gaskets, so that no separate casting tray is required
* It should provide two combs, 10 and 14 tooth each
* Buffer capacity should be 600 ml for the buffer tanks and optimum gel runs with a fill line indicator for buffer levels along the unit side
* Max electrode seperation in 19 cm with a Maximum Voltage of 150 V , such that it has 5 volts per cm of electrode seoeration ( 5 V x 19 cm = 95 V )
* It should have a buffer chamber with color coded sealed platinum electrodes which are very sturdy and long lasting than the generally offered silver electrodes

**PANTRY**:

| SI.No. | Item | Qty in Nos |
| --- | --- | --- |
| 1 | Induction cooker | 3 |
| 2 | Set of Utensils | 3 |
| 3 | Refrigerator | 3 |
| 4 | Microwave | 3 |

**Microwave:**

* General Requirement : The microwave oven shall be simple in operation and with turnable. Capable in microwave cooking and defrosting.
* Supply voltage : 220 volts, 50Hz. single phase A.C.
* Power Consumption : 1300W approx.
* Microwave Power : 700W - 850W
* Oven Capacity : 20 litre - 25 litre
* Microwave Frequency : 2450 MHz
* Control : Soft/one touch control
* Timer : 60 minutes - 90 minutes
* Exterior Dimensions : 520mm(W) x 360mm(H) x 450mm(D) approx.
* Oven Dimensions : 330mm(W) x 220mm(H) x 330mm(D) approx.
* Safety : The equipment shall be bonded to earth effectively in accordance with the I.E.E. Wiring Regulations. Sufficient Safety Interlocks to prevent leakage of microwave.
* Accessories : Shall be supplied with a glass/ceramic tray.

**Refrigerator**

|  |  |
| --- | --- |
| Refrigerator Type | Double Door |
| Energy Rating | Inverter Compressor Star |
| Title | 253 Ltr Double Door Refrigerator |
| Brand | Samsung |
| Defrosting Technology | Frost Free |
| Capacity | 253 Litres |

**Set of Utensils:**

|  |
| --- |
| 1 x 7L Stainless steel cooking pot with lid and two handles |
| 1 x 2.5L Stainless steel frying pan |
| 1 x Wok, black steel |
| 5 x Stainless steel bowls, 0.75L capacity |
| 5 x Stainless steel plates |
| 5 x Plastic cups / stainless steel cups |
| 5 x Sets Chop sticks, plastic |
| 1 x Kitchen Knife, stainless steel blade with plastic handle |
| 1 x Spoon, wooden for stirring |

**Induction Cooker:**

* Materials of main body: Mircro crystal plate
* Height:65  mm
* Width:291  mm
* Depth:366  mm
* Weight (incl. packaging): 2.8  kg
* Voltage:220-240  V
* Frequency:50  Hz
* Wattage:2100  W
* Cord length:1.2  m

**HEARING ASSESMENT ROOM:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | OAE screener | 1 |
| 2 | ABR screener | 3 |
| 3 | **Audiometer** |  |
| 4 | 1. Screener Pediatric Audiometer | 2 |
| 5 | 2. PURE TONE AUDIOMETER WITH BONE CONDUCTOR:DIAGNOSTIC | 2 |
| 6 | Portable Tympanometry Instrument | 2 |
| 7 | BERA with ASSR with both insert phone and head phone | 1 |
| 8 | Otoscope | 2 |

**OAE SCREENER:**

* **Clinical Purpose:** to record and analyze the faint sounds hair cells in the inner ear emit [Oto- acoustic emission (OAE)]
* **Used by clinical department/ward:** ENT
* **Technical Characteristics:**
* Should be a handheld unit including probe cord and Cradle
* Should have a Printer including power supply and power cable, Printable text file display of the acquired data, including frequency, signal, noise, response and testing parameters.
* Probe cord for extension at least 75 cm
* DPOAE protocol with Fast, accurate results—in as little as 10 seconds per ear.
* Tip should be Easy-to-clean
* Results should have an Objective test—no patient response required
* Pass/Refer result provided—No interpretation required
* Should operate on rechargeable battery or AC power
* At least 10-test memory
* DPOAE Specifications: • Intensities from 40 to 70 dB SPL
* 4 independent stimulus channel
* 2 signal input channel
* User’s Interface: Probe and Printer
* Weight (lbs, kg): Less than 2Kgs
* **Configuration**
* Type: Intel Pentium P4 compatible or better;
* RAM: minimum 1GB; Hard disk: Minimal 5 GB free disk space
* Interface: USB 1.1 or 2
* Display: SVGA-Colour Display 800x600 or better
* Operating system:
* Windows XP SP 3 Professional
* Windows 7 32/64bit Professional or Ultimate
* **Mobility, portability:** Mobile
* **Power Requirements:** 220-240Vac; 50/60 HZ
* **Battery operated:** Rechargeable battery with 2 hours backup.
* **Accessories (mandatory, standard, optional); Spare parts:** Reusable ear-tips of various sizes starting from 3mm to 12 mm(each at least 10 for each size), probe cord, cradle, power cable and printer.
* **Atmosphere / Ambiance (air conditioning humidity, dust ...):** Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
* **User's care, Cleaning Disinfection & Sterility issues :** Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.
* **Certificates** ISO 13485 certified manufacturer, IEC 60601-1- Medical electrical equipment-Part I: General requirement for safety, IEC 60645-6- Oto-acoustic emission, IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) + AM1 (2012) or IEC 60601-1: 2012, ISO 14971 : 2007, IEC 60601-2-18, IEC 6060-1-2, US FDA or European CE certified product.

**ABR SCREENER**

* **Clinical purpose:** to evaluate the activity of the auditory pathway of the brain in response to an acoustic signal [auditory brainstem response (ABR)]
* **Used by clinical department/ward:** ENT
* **Technical Characteristics:**
* Lightweight Design
* Inbuilt reusable electrodes make it easy to screen New Born and young Children
* Fast and automatic ABR-screening, reliable results within seconds
* Integrated electrodes and should have no disposable electrodes
* Automatic Impedance Check indicating impedance conditions
* Stimulation level should start at 35 dBHL
* No Abrasive Skin Cleaning should be required
* No Sticking Of Electrodes
* Results should be stored in computer.
* **User's interface -** electrodes and computer
* **Software and/or standard of communication (Wherever required):** In built
* **Weight (lbs, kg):** Light weight
* **Configuration**
* Type: Intel Pentium P4 compatible or better;
* RAM: minimum 1GB; Hard disk: Minimal 5 GB free disk space
* Interface: USB 1.1 or 2
* Display: SVGA- Colour Display 800x600 or better
* Operating system: Windows XP SP 3 Professional, Windows 7 32/64bit Professional or Ultimate.
* **Mobility, portability:** Portable
* **Power Requirements:** 220-240Vac; 50/60 HZ.
* **Accessories (Mandatory, Standard, Optional):** Electrodes.
* **Atmosphere/ Ambiance (Air Conditioning, humidity, dust):** Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
* **User's care, Cleaning, Disinfection & Sterility issues:** Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.
* **Certificates (pre- market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international:** ISO 13485 certified manufacturer, IEC 60601-1 -Medical electrical equipment-Part I: General requirement for safety.
* **Pre-installation requirements:** Supplier to perform installation, safety and operation checks before handover.
* **Requirements for sign-off:** Certificate of Calibration and inspection from the factory.
* **Training of staff (medical, paramedical, technicians):** Training of users in operation and basic maintenance shall be provided.

**SCREENER PEDIATRIC AUDIOMETER**

* **Frequency**: 500, 1000, 2000, 3000, 4000 Hz
* **Intensity**: 0 to 80 dB (10 dB Steps)
* **Tone**: Warble tone, Narrow band noise and Broad band noise Free field & Single Earphone transducer (TDH39 Audiometric Headphone) with cord and cup
* LCD bulbs for distraction of newborns
* Battery operated (AA size).{12v & also can work from 110 or 220vac mains}.

**TYMPHANOMETRY**

* **Clinical Purpose:** Used to test the condition of the middle ear and mobility of the eardrum and the conduction bones.
* **Used by clinical department/ward:** ENT
* **Technical Characteristics:**
* Probe Tone: 226 Hz Amplitude: 85 ±3 dB SPL,
* 1,000 Hz Amplitude: 83 ±3 dB SPL,
* Frequency Accuracy: ±2%.
* Total Harmonic Distortion: 3% Maximum
* Signal Type: Continuous Sinusoid
* Protocol: Screening, Diagnostic
* Pressure Measurement System
* Direction of sweep: positive to negative pressure
* Sweep Rate: 400 daPa/sec average during data acquisition period.
* Should have sweep rate 12.5, 50.0, 600/200 daPa/sec.
* Range: +200 to -600 daPa
* Display Resolution: 20 daPa
* Accuracy: ±15% or ±10 daPa, whichever is greater.
* Compensation: Auto-zero every test cycle
* Compliance range for 226 Hz: 1.0 to + 7.0 ml
* Tympanometry With Multiple Probe Frequencies i.e., 226, 678, 800 & 1 KHz.
* Automatic And Manual Tympanometry With Selectable Pressure Ranges and Pump speeds.
* Ipsi lateral and Contra lateral Reflex.
* Reflex Decay
* ETF for Intact and Perforated Ears
* Large LC Display, Inbuilt Printer & PC interface.
* Stimulation for Reflex measurements should be 250,500, 1K, 2K, 4K, BBN, LBN, HBN
* Stimulus: 100 µs click, external input, non- acoustic.
* Intensity range for Reflex: 35 to 120 (upto 110) dB HL with increment of 1 dB.
* Facility of inbuilt LCD monitor & also facility to connect external monitor.
* Internal printer & also have facility to connect external USB printer.
* Internal memory for storing result up to 20 tests.
* Should be supplied with data base management software.
* **User's interface:** LCD monitor and printer.
* **Software and/or standard of communication(where ever required):** Database management software to be supplied along with.
* **Weight (lbs, kg):** light weight
* **Mobility, portability:** Portable
* **Power Requirements:** 220Vac; 50 HZ
* **Battery operated:** minimum 2 hours backup
* **Accessories (mandatory, standard, optional); Spare parts (main ones);** Probe Assembly. Ear tips (standard and special size esp. for children), Printer thermal paper, Calibration test facilities.

**BERA with ASSR with both insert phone and head phone**

* **Operational Requirements:** The system should be able to perform the BERA, ASSR.
* **Technical Specification for BERA**
* It should be 2 channels
* Should have ability to record under physiological and electromagnetic noises
* Impedance measurement should be built in and displayed on screen.
* Signal presentation : right, left and both
* Should have pre-programmed auto tests
* Stimulus types: Click, Pure Tone, Tone Burst, Speech and User Defined Stimuli.
* Intensity: 0-100dB Nhl
* Tone Burst 10 to 120 dB on 250 to 8000 Hz
* Analysis time should be short
* Masking : White noise or notched.
* **Technical Specification for ASSR**
* Stimulus ‐ Modulated Tone, Clicks
* Intensity : up to 125 dB SPL
* Frequency response up to 5000Hz or better
* Should be able to test multiple frequencies simultaneously for both ears
* Automatic Generation of Audiogram in SPL/ HL
* Phasor diagram should be generated automatically.
* Frequency and intensity based phasor diagram.
* FFT Values should be displayed
* Should have spectrum graph
* **Technical Specification for VEMP**
* It should be 2 channels
* Transducer type: Ear-Tone ABR insert phone
* Stimuli: Click and Tone Bursts.
* Should have automatic test protocols for Click and Tone burst.
* Patient communication: Talk forward.
* **System Configuration Accessories, spares and consumables:** Should include all the necessary software, hardware and accessories for BERA, ASSR, OAE, & VEMP without any additional cost.
* **Power Supply:**
* Power input to be 220-240VAC, 50Hz fitted with Indian plug
* Suitable UPS with maintenance free batteries.
* **Standards, Safety and Training:**
* The quoted model should have European CE/US FDA certification and copy of the certificate should be submitted along with the technical bid.

**OTOSCOPE**

* **Clinical Purpose:** An otoscope allows the doctor to look into the ear canal to see the ear drum. Redness or fluid in the eardrum can indicate an ear infection. Some otoscopes (called pneumatic otoscopes) can deliver a small puff of air to the eardrum to see if the eardrum will vibrate (which is normal). An ear examination with an otoscope can also detect a build-up of wax in the ear canal or a rupture or puncture of the eardrum.
* **Technical characteristics (specific to this type of device):**
* Should be a convenient pocket type Otoscope
* Should be provided with a halogen light source. With 5 extra bulbs
* Should have detachable Otoscope head
* Should provide no reflections and obstructions
* Should have in built rechargeable battery. Recharge should be possible with
* Direct mains supply
* Magnification: a minimum of 2.5 X
* **Mobility, portability:** Yes, Portable
* **Certifications:** ISO 9001 and ISO 13485 certified manufacturer

**Air Conditioner (1.5 ton)**

* + Make: Voltas, Carrier. Onida,. Samsung, LG/Equivalent
	+ Supplied AC will be Split with digital display of temperature in indoor unit with star rating
	+ Should have 3 star rating for electrical energy rating
	+ Air circulation(CFM H/M/L): above 450/350/300
	+ Moisture Removal(L/hr): above 1.5
	+ IDU Noise level(dBA) : ≤ 55/50/45
	+ Control : Microprocessor controlled codeless remote
	+ Display : LED/LCD
	+ Remote control distance : Min 10 meters Voltage Stabilizer
	+ Power Supply, power input to be 220-240 VAC, 50 Hz
	+ Voltage Stabilizer Wall mounts type with Time delay, High& low voltage.
		- Capacity: 4 KVA
		- Input voltage: 130-300 V
		- Output Voltage : 200-240 V
		- High Voltage Cut Off : 240
		- Efficiency: >95%
		- Frequency : 50Hz
1. 4 mtr copper piping with superlon insulation for suction line
2. 4 mtr copper piping with superlon insulation for Discharge line
3. 1 mtr PVC piping for drain
4. Indoor - Outdoor unit connecting power cable and required cable from power socket to stabilizer and from stabilizer to AC Unit
5. Outdoor stand.

**Supplied with:**

* + User manual with trouble shooting guidance, in English
	+ Training and installation at end-user site.

**VISION ASSESSMENT ROOM:**

| **SI.****No.** | **Item** | **Qty in Nos** |
| --- | --- | --- |
| 1 | Torch-penlight | 3 |
| 2 | Lea Symbols Visual Acuity Test & Conditioning Flash cards | 3 |
| 3 | Lea puzzle | 3 |
| 4 | Plastic colluder with lip | 3 |
| 5 | Lea Grating Paddle | 3 |
| 6 | Lang Fixation Stick or Lea | 3 |
| 7 | Log mart chart or Snellen’s chart | 2 |
| 8 | StreakRetinoscope | 2 |
| 9 | Hiding Heidi | 3 |
| 10 | Near Vision Test with Lea symbol (Lea playing card set) and Near Vision Line test | 3 |
| 11 | Distance Vision Test (Leas single symbols book) | 3 |
| 12 | RET cam or any other Camera to take photographs of the fundus of the new-born | 3 |
| 13 | Hand held slit lamp | 3 |

**Torch light LED.**

* This torch light should have one powerful light which is useful for doctor for examine the patient in labor room.
* It should round in shape with smooth corners
* Smooth surface and super finished
* High efficiency white LED light
* Work for long life for battery
* It should have rechargeable battery
* Device is produced by ISO certified manufacturer.
* Supplied with:
* Supplied with suitable battery
* User manual with trouble shooting guidance.

 **LEA SYMBOLS® Chart for Vision Rehabilitation item no. 258000**

* **Clinical Purpose:** This test is designed for testing children and adults with severe visual impairment at a distance of one meter.
* **Technical Characteristics:**
* Should have optotypes for acuity tests :
* The largest symbols of 50M in size, corresponding to 1m/50M = to 1/50 or decimal visual acuity 0.02, equivalent values 20/1000, 6/300.
* The smallest symbols are 1M in size corresponding to 1m/1M = to 1/1 or decimal visual acuity 1.00, equivalent values 20/20, 6/6.
* Can be folded and used at a distance of 40 inches/1 meter testing distance

**LEA 3-D Puzzle:**

* The LEA 3-D Puzzle is designed for training and assessing typically developing toddlers and other young children. The puzzle also serves as an assessment tool for individuals with brain damage or for older children and adults with low cognitive abilities. It Includes instructions and the booklet: Assessing Vision Development through Pictures and Shapes. Tray is 6.75" x 6.75" (17.2 cm x 17.2 cm). The 4 symbol puzzle pieces are 2" x 2" (5.1 cm x 5.1 cm) each.
* Clincal Purpose: The LEA 3-D Puzzle is designed for supporting the development of the concept of "same", first with colors, then with black & white concrete forms that are prerequisites for the measurement of Recognition acuity with the LEA Symbols tests at an early age
* During the play you can also observe eye-hand coordinator and awareness of directions, concept of concept of “same” which are often problems for children with brain damage, even mild brain damage or among normal children from birth to 3 years.
* Technical Characteristics:
* The 4 symbol puzzle pieces are approximately 2" x 2" (5.1 cm x 5.1 cm) each
* Tray is 6.75" x 6.75" (17.2 cm x 17.2 cm);
* Package should have tray, puzzle pieces including the booklet for assessing Vision Development Through Picture and Shapes and instructions;
* Should be made water proof material

**LEA GRATING PADDLE:**

* **Clinical Purpose:** For preferential looking test situations with infants or children and adults with disabilities to determine detection acuity among normal children from birth to 3 years and also among older children suffering from cognitive problems or disabilities.
* **Technical Characteristics:** Grating levels printed on each handle should be: 0.25, 0.5, 1.0, 2.0, 4.0 and 8.0 c/cm (cycles per centimeter of surface)
* Should include instructions and storage case. 4 paddles 8" (20 cm) in diameter
* Should be made of HDPE [high density polyethylene] or any other non-tear water proof surface with plastic/wooden handle

**Lea Fixation stick**

* **Clinical Purpose:** Lea fixation stick has grating on the other side a 5 cm face or symbol that infants at 3 months typically fix and follow. Pediatric fixation sticks provide a series of detailed accommodation-stimulation targets for the young patient. The targets are calibrated for near. Included is (as examples) a clown face, a dog, a beach ball, etc. Each target is in brilliant color for patient ease.
* **Technical Characteristics**:
* The set should consists of three (3) extremely durable plastic sticks with both sides utilized for targets;
* Single sticks can be used for performing various tests: unilateral (cover/uncover) test at near, alternating cover test at near, pursuit testing, near point of convergence (NPC), motilities (ductions and versions), vergence facility at near, fixation stability at near in diagnostic positions of gaze, amplitude of accommodation, and accommodative facility
* Dual sticks with different optotypes exposed to the patient can be used for saccade testing

**Snellen’s Chart**

**Clinical Purpose:** For testing visual acuity in adults

**Technical Characteristics:**

* Should have 20/20 Vision Activity – Eye Chart;
* Should have minimum 30inches X 10inches (Length X Width) size;
* The chart should consists of rows of individual black characters printed on a white background
* The first row should be a single large letter, with letters becoming more numerous and successively smaller with each additional row.
* Should be made of HDPE [high density polyethylene] or any other non-tear water proof material

**Streak Retinoscope**

**Clinical Purpose:** Measure the refractive errors of the eye

**Used by clinical department/ward:** Ophthalmology

**Technical Charateristics:**

* Working distance of 50cm and a+2.0D sphere
* Lamp: 3.5/4V Xenon or 2.5V Halogen; 0.9A
* Should allow one-hand operation for streak focus and 360º streak rotation.
* Should have crossed-linear polarizing filter
* Should have an external focusing sleeve which is easy to grip and manipulate
* Should be interchangeable to plane mirror and concave mirror mode by sleeve movement.
* Should use halogen/Xenon streak lamp
* Should have 100% dust proof housing and multi-coated optics
* Should have detachable brow rest for spectacle wearer.
* **Software and/or User's interface:** In built
* **Dimensions (metric):** 230 mm length approx. (but not limited to)
* **Weight (lbs, kg):** 150 gm approx. (but not limited to)
* **Mobility, portability: Portable**
* **Power Requirements:** Rechargeable Battery only
* **Battery operated:** Rechargeable battery which can be directly plugged in AC.
* **Accessories:** Bulb – 5 nos.,Bulb holder, Bulb cover and carrying case
* **Atmosphere / Ambiance (air conditioning, humidity, dust):** Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
* **User's care, Cleaning, Disinfection & Sterility issues:** Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.
* **Certificates:** ISO 13485 certified manufacturer, IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) + AM1 (2012) or IEC 60601-1: 2012, ISO 14971 : 2007, ISO 12865 - Ophthalmic instruments – Retinoscopes, ISO 15004 - Ophthalmic instruments - General requirements and test methods, IEC 6060-1-2, US FDA approved or CE certified product

|  |
| --- |
|  |

**HIDING HEIDI**

* **Clinical Purpose:** For assessment of vision for communication, by using low contrast picture of face in children who are unable to respond verbally or by pointing.
* **Technical Characteristics:**
* Low Contrast Face Test-Should have multiple testing cards with variable contrast between 0-100% contrast
* Should be made of HDPE [high density polyethylene] or any other non-tear water proof material

**Near Vision Test with LEA symbol:**

* All optotypes should be of similar legibility;
* Each line should have optotypes size ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent,
* Proportional spacing between the optotypes on one side
	+ More tightly-spaced symbols on the opposite side with 25% and 50% spacing ;
* -Should have 16 inches/40 centimeters -Lea Near Vision Chart
	+ Should have measuring cord for measuring 16 inches or 40 cm
* Student response or training card;
* Conditioning Flash cards;
* Should be made of HDPE [high density polyethylene] or any other non-tear water proof material;
* Card size should measure at least 8" x 10" (20.3 cm x 25.4 cm

**Distance Vision Test:**

|  |
| --- |
| -All optotypes should be of similar legibility; |
| -Each line should have 5 letters (at visual acuity better than 20/100); |
| - Line sizes range from 20/125 to 20/8 (6/38 to 6/2.4) |
| -Proportional spacing between the optotypes; |
| -Should have 0.1 Log MAR decrements in optotype size; |
| -Should have 10 feet Lea Vision Chart; |
|
| -Student response card; |
| -Conditioning Flash cards; |
| -Should be made of HDPE [high density polyethylene] or any other |
| non-tear water proof material; |

**RETCAM SHUTTLE**

* Notebook with Large LCD display for Real time Video, Image Processing & transfer
* Work surface with convenient hand piece holster
* 3-chip ccd camera, light weight easy to position, use with 5 changeable lenses
* ROP Lens 130 degree
* High Mag Lens 30 degree
* Children Lens
* Portrait Lens
* Real time Video system with video printer
* Hinged access doors for upper & lower storage compartments
* Secondary work surface
* Lens storage box
* Container for tools & supplies
* Internal hand piece holster for storage during transport
* Tri-function foot control
* Dual wheel casters for easy maneuverability
* Easy grip extendable handle for transport
* CVT/Online UPS for RETCAM
* Wide field of View.

**Hardware:** Physical-19” (483 mm) wide x 19” (483 mm) deep x 34”(864 mm) high, 65 lbs. (30 Kg)

**Electrical:** Power consumption: 250 VA maximum, Input Power: 100-240V~, 50/60 Hz

Fuse: T 3A/250V

**Software:** MS Windows XP Embedded SP2 operating system

**Environmental Conditions:** The system intended for use indoors, at normal room temperatures, upright, on a level surface, with the brakes applied to the front casters

**Hand held slit lamp**

* Clinical Purpose: Examination of anterior and posterior segment of eye
* Used by Clinical department/ward: Ophthalmology
* Biomicroscope
* **Type -**Binocular Hand held Biomicroscope Slit Lamp
* **Optics-** Converging binoculars at 13˚
* **Magnification-** 10x and 16x, lever change
* **Objective lens working distance @ 10x-**100mm
* **Objective lens working distance @ 16x-**80mm
* **Field of view @ 10x-** 16mm
* **Field of view @ 16x-** 10.5mm
* **PD range-** 50mm to 72mm
* **Eyepiece dioptric adjustment range-** +/- 7 Dioptres
* **Size: Hand held device-** 238 x 116 x 210 mm
* **Docking station-** 205 x 138 x 40 mm
* **Weight: Hand held device- ~**900g
* **Docking station-** 300g
* **Slit and filter system**
* **Slit type** Rotating Slit wheel selection Slit Lamp
* **Slit length** 12mm
* **Slit widths** 0.15mm, 0.5mm, 0.8mm and 1.6mm slits, 12mm circle and a 1mm square
* **Filters** Red free, Blue, Neutral density 0.8 and clear
* **IR protection** Inbuilt IR cut filter
* **Slit angle** +/- 60˚
* **Illumination control** Continuously variable from low to full rightness
* **Software and/or standard of communication(where ever required):** In Built
* Portable Slit Lamp comprises a rechargeable handheld portable illuminated biomicroscope system and a desk mounted base charger unit that is powered from a low voltage (12V) power supply.
* The hand held unit incorporates a lithium ion rechargeable battery powering the illumination system. The illumination system and fixation targets are activated using a double click trigger located on the front of the grip/handle. To increase or reduce the light intensity there is a rheostat located below the eyepieces on the rear of the grip /handle.
* The 10 x and 16 x magnifications optical system is controlled using a flip lever located under the adjustable eyepieces.
* **Power Requirements**
* Rechargeable Battery only
* Rechargeable battery which can be directly plugged in AC
* **Accessories:** Aluminum Carry Case Test Bar, Power Supply, 2x Rubber Eye Caps, Slit Lamp 6V 15W Bulb
* **Atmosphere / Ambiance (air conditioning humidity, dust ):** Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.
* **User's care, Cleaning, Disinfection & Sterility issues:** Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.
* **Certificates:** Should be built in conformity, with Electrical Safety (Medical) BS EN 60601-1:2006, Electromagnetic compatibility EN 60601-1-2:2007, Ophthalmic instruments – Fundamental requirements and test methods, ISO 15004-1:2006, Ophthalmic instruments - Optical radiation hazard, ISO 15004-2:2007.

**PLAY AREA**

| **SI.****No.** | **Item** | **Qty in** **Nos** |
| --- | --- | --- |
| 1 | Swings | 2 |
| 2 | Slides | 2 |
| 3 | See Saw | 3 |
| 4 | Tunnel | 3 |
| 5 | Tricycle | 3 |
| 6 | Locally available toys | 2 |

**Swing:**

-Should have vinyl-covered base on either side by simply flipping the bloster over;

-Should have one side is high-density foam padding; the

other side is padded with low-density foam;

-Should have min. 4 feet in length and max. 2 feet in diameter;

-Should have max load 180Kgs;

-Should have heavy duty hanger with ball bearing technology up to 60 min continuous moving;

**Slides**:

* Enjoy watching your child have a fun-filled and completely safe glide in the Slider ladder
* It can be easily assembled in and around home, school, garden and courtyard
* Ideal to enhance physical and balancing skills
* Dimensions - 101 x 41 x 44 cm
* Age - 2 to 6 Years

**See Saw:**

* Seat capacity should have 2 Nos
* Dimensions: 2' W x 12' L
* Use zone: 14' x 24'
* Weight: 150Lbs.

**Tunnel:**

* Should have durable polyester fabric in bright colors
* Should have one side is high-density foam padding; the other side is padded with low-density foam.
* Should be min. 8 feet in length and 1.5 feet diameter which provides space for easy crawl through fun
* Play Tunnel can attach to other Playhut play structures creating options
* Should have light weight and portable
* Should have 4 in. thick foam walls in circular pattern

**Tricycle**

* It should have 2 or 3 Seated Tricycle will be supplied.

**EARLY INTERVENTION OCCUPATIONAL THERAPY:**

| **SI.****No.** | **Item** | **Qty** **in Nos** |
| --- | --- | --- |
| 1 | Therapy ball 65 cm  | 1 |
| 2 | Therapy ball 45cm | 1 |
| 3 | Therapy mats- 6ft x3ft x 2.5" | 1 |
| 4 | Bolster | 1 |
| 5 | 2ft long, diameter- 8 inch | 1 |
| 6 | 2ft long, diameter- 10 inch | 1 |
| 7 | Small roll- 13 inch long, Diameter-3 inch | 1 |
| 8 | Prone Wedge | 1 |
| 9 | 1. Big- Height-14 inch; Length- 31inch, breadth 17 inches | 2 |
| 10 | 2. Small- Height-10 inch; Length- 26 inch, breadth 17 inches | 2 |
| 11 | Balance Board | 2 |
| 12 | Trampoline | 1 |
| 13 | Bolster Swing | 2 |
| 14 | Wooden Benches with cushion and Rexene cover | 3 |
| 15 | Splints (Ankle Foot Orthosis) | 3 |
| 16 | Special chairs with cut-out tray (Tailor made according to need of the child) | 2 |
| 17 | Toys (for play and stimulation) | 2 |
| 18 | Small rattles | 2 |
| 19 | squeaky toys | 2 |
| 20 | Puja bell (clapper bell) | 1 |
| 21 | Soft toy | 2 |
| 22 | Brush for tactile stimulation | 3 |
| 23 | Theraputty | 3 |
| 24 | Peg board | 1 |
| 25 | Ball Pool with balls of different sizes | 3 |
| 26 | Gaiters | 3 |
| 27 | Thick handle spoon – straight and bent | 3 |
| 28 | Plastic spoon with long handle (for babies) | 3 |
| 29 | Plastic glass with rim cut on one side | 3 |
| 30 | Stainless steel plates with high rim | 3 |
| 31 | Spouted cups | 2 |

**THERAPY EQUIPMENTS and ADAPTIVE SEATS:**

1. **Therapy ball- 1Big (65cm)**
	1. 65 cm Brightly colored, Inflatable by foot pump. Moulded heavy duty vinyl ball can support weight up to 150 kg
2. **Therapy ball- 1small (45cm)**
	1. 45 cm and a pump for inflation
3. **Therapy mats- 6ft x3ft**
	1. Quantity - 6 mats
	2. 6ft x3ft ( Length 6 ft and breadth 3ft
	3. made up of Rubberized foam
	4. vinyl coated cover
	5. thickness 4 cm, can be wiped clean with a damp cloth
4. **Bolster-**
	* + 5.2ft long, diameter- 8 inch
		+ 6.2ft long, diameter- 10 inch
* Sponge cover on wooden shaft, outer side is covered with Rexene, Rexene is fixed to the wooden shaft with thick pins
* A child is encouraged to roll into prone by rolling the bolster backwards

**7. Small roll-**

3 inch long, Diameter-3 inch Quantity – 2 rolls. The child is placed in prone over a roll. A roll is placed under the head to inhibit extensor Tone while the mother is changing nappy

**8. Prone Wedge-**

 **9.Big- Height-14 inch; Length- 31 inch,**

Breadth- 17 inches

**10.Small- Height-10 inch; Length- 26 inch**

Quantity -2 wedges, 1 big and 1 small



**The mother encourages her child to lift her head and trunk by shaking a rattle when the child is placed prone on a wedge. The child is lifting her head and weight bearing through her arms on a bolster**

****

**11. Balance Board-**

**Length- 29.5 inch, Breadth- 23 inch,**

**Height- 2.5 inch**

****

Underside of the Balance board

**12. Kaye-Walker**



**Quantity -1**

**13. Trampoline**

**Quantity -1**

**14. Bolster Swing-**

****

**Quantity -1 big - 300mm diameter and 1.5 meter** **long**

1. **small-300mm diameter and 1.2 meter long**

**15.Wooden Benches with cushion and Rexene cover (3ft long and 4, 6, and 8 inches height)**

****

**Quantity-1**

**16. Splints (Ankle Foot Orthosis)**

**[For demonstration]**

**17.special chairs (wooden with cushion covered with Rexene)- Custom made**

**Quantity-1**

**Child sits in a modified chair with a cut-out tray in front. The chair has castors for easy transportation**

**Toys like balls, rings, squeaky toys for stimulation**

****



Puja bell Rattle Squeaky toy

|  |  |
| --- | --- |
| For tactile |  |
|  |
| stimulation | Brush for tactile |
|  | Stimulation |

 Soft toy

****

**PSYCHOLOGICAL TESTING ROOM:**

| **SI.****No.** | **Item** | **Qty** **in Nos** |
| --- | --- | --- |
| 1 | Developmental Assesment for Indian Infants (DASSI) | 2 |
| 2 | Vineland Social Maturity Scale | 2 |
| 3 | Vineland Adaptive Behaviour Scale | 3 |
| 4 | Bayley-III Screening test complete kits | 3 |
| 5 | Developmental Screening Test | 2 |
| 6 | Denver Developmental Screening Test II | 2 |
| 7 | Standford Binet | 2 |
| 8 | Paget's Sensory Motor Intellegence Scale | 3 |
| 9 | Piagetian Cognitive Tasks Autism Spectrum Disorder | 3 |
| 10 | INCLEN-ASD or Indian Scale for Assesment of Autism | 3 |
| 11 | Attention Dificit Hyper Activity | 3 |
| 12 | INCLEN-ASD  | 3 |
| 13 | NIMHANS Battery | 3 |
| 14 | Dyslexia Early Screening Test: 4-6 years (DEST) and Dyslexia, Screening Test Junior (6-11 years | 3 |
| 15 | Childhood Behavioural Checklist CBCL | 3 |
| 16 | Cerebral Palsy and Neuromotor impairment: INCLEN (INDTNMI) | 3 |
| 17 | Adequate chair & tables | 2 |

**Developmental Assessment scales for Indian infant (DASII)**

* **Clinical purpose**: Motor items tests loco motor skill, manipulatory behaviour and supine to erect posture. Mental scale scores cognizance, perceptual pursuit, exploration, communication and language comprehension, manual dexterity, spatial relationship, social interaction, and imitative behavior.
* **Technical characteristics**:
* For Age group: 0-30 months
* The scales should consist of 67 items for motor and 163 items for development, total no. of items: 230

**Vineland Social Maturity Scale**

**Clinical Purpose:** Measures social competence, self-help skills, and adaptive behavior from infancy to adulthood. It is used in planning for therapy and/or individualized instruction for persons with mental retardation or emotional disorders.

**Technical Characteristics:**

* Should consist of a 117data field interview format for parent or other primary caregiver. The test should consists of 8 sub-scales measuring.
* Communication skills
* General self-help ability
* Locomotion skills
* Occupation skills
* Self-direction
* Self-help eating
* Self-help dressing
* Socialization skills;
* Should have paper based;

 **Vineland Adaptive Behavior Scales**

* **Clinical Purpose:** To measure adaptive behavior of individuals from birth to age 90 Development evaluations. Clinical Diagnosis of autism spectrum disorder, Genetic disorder Developmental.
* **Technical** characteristics:
* The main domains are Communication, Daily Living Skills, Socialization, Motor Skills, and Maladaptive Behavior (optional). The domain scores yield an adaptive behavior composite
* The Vineland-II contains 5 domains each with 2-3 sub Should have paper based

**Bayley-III Screening Test Complete Kit Including Manual, Stimulation Book, Picture Book, Record Forms 25 Packs**

* Clinical Purpose: To determine if a child is "on track" developmentally or if further, more comprehensive assessment is needed
* Technical characteristics:
* Age Range: 1 month to 42 months
* Should have administration time: 10 to 20 minutes
* Should have administration type: Individual
* Should be able to assess cognitive, language and motor development, fast and easy administration using selected items from full Bayley-III battery Child-friendly with playful activities, cut scores according to age

**Developmental Screening Test (DST) by Bharat Raj**

**Clinical Purpose:** Task performing activity

**Technical characteristics:**

* Bharat Raj DST
* The scale reflects what percentage of a certain age group is able to perform a certain task
* Should have paper based forms
* Booklet should be made of HDPE [high density polyethylene] or any other non-tear water proof material
* Booklet should have durable spiral binding

**Denver Scale II- Developmental Screening Test II**

* **Clinical purpose**: The DENVER II is a revision and update of the Denver Developmental Screening Test, DDST. Both were designed for use by the [clinician,](http://en.wikipedia.org/wiki/Clinician) teacher, or other early childhood professional to monitor the development of infants and preschool-aged children
* **Technical characteristics**:
* Used to monitor children at risk for developmental problems
* 125 performances based and parent report items are used to screen children's development in four areas of functioning: fine motor-adaptive, gross motor, personal social, and language skills Age range
* 1 month to 6 years of age
* Time 10 to 20 minutes
* Should have paper based form

**Stanford Binet (Indian adaptation-Kulshreshta)**

* **Clinical Purpose**: Age equivalent test to measures general mental ability i.e intelligence. Binet-Kamat Scale of intelligence is the Indian adaptation of the 1934 version of Stanford-Binet Scale of Intelligence
* **Technical Specifications**:
* Age group: 2 years to 22 years
* Administration time:50-60 minutes

**PiagetsSensori-motor Intelligence Scale 0-2 years – 1No**

**Piagetian Cognitive Tasks Autism Spectrum Disorder – 1No**

**INCLEN-ASD or Indian Scale for Assesment of Autism – 1No**

**Attention Dificit Hyper Activity – 1No**

 **INCLEN-ASD - 1No**

 **NIMHANS battery**

**Clinical Purpose:** For Tests of Speed, Attention, Memory, Executive Function, Comprehension

**Technical characteristics**

* Should include Finger tapping Test
* Digit Symbol Substitution Test
* Colour Trails Test
* Digit Vigilance Test
* Triads Test
* Auditory Verbal Learning Test
* Logical Memory Test
* Complex Figure Test
* Design Learning Test
* Controlled Word Association Test
* Animal Names Test
* Design Fluency Test
* N Back tests (Verbal & Visual)
* Self-Ordered Pointing Tests
* Tower of London Test
* Wisconsin Card Sorting Test
* Stroop Test
* Token test. Should be used for 6-9 years

**Dyslexia Early Screening Test 4-6 years (DEST) and Dyslexia Screening Test Junior (6-11 years)**

* **Clinical Purpose:** Screening tests of attainment and ability to determine whether a young child is experiencing difficulty in areas known to be affected in dyslexia.
* **Technical** characteristics:
* Dyslexia Early Screening Test - Second Edition (DEST-2) for 4-6years should include 12 subtests: Rapid naming, Bead threading, Phonological discrimination, Postural stability, Rhyme/Alliteration, Forwards digit span, Digit naming, Letter naming, Sound order, Shape copying, Corsi frog Vocabulary (group/individual).
* Dyslexia Screening Test - Junior (DST-J) is for 6-11 years and should consists of the following subtests:
* Rapid Naming
* Bead Threading
* One Minute Reading
* Postural Stability
* Phonemic Segmentation
* Two Minute Spelling
* Backwards Digit Span
* Nonsense Passage Reading
* One Minute Writing
* Verbal Fluency
* Rhyme NEW
* Vocabulary NEW

**Childhood Behavioural Checklist CBCL – 1No**

**Cerebral Palsy and Neuromotor impairment: INCLEN (INDTNMI) – 1No**

 **Tables and Chairs 2 Nos**

**Chair**

* Material: Net & Metal ,
* Color: Black Net,
* Style: Contemporary,
* Seat Upholstery Material: Net Fabric ,
* Back Upholstery Material: Fabric Net,
* Base Material: plastic,
* Arm Material: Plastic
* Adjustable, Wheel Material: Nylon,
* Upholstery Color: Black Net,
* Seat Lock: Yes

**Table**

* Width - 1200 mm
* Depth - 600 mm
* Height - 770 mm
* Melamine faced particle board
* 2 drawers with lock and key
* Should be an ISO certified manufacturer

**Section – VII**

**Quality Control Requirements**

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

Tender Reference No.

Date of opening

Time

Name and address of the Tenderer:

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

01 Name of the manufacturer

a. Full postal address with e mail address.

b. Telephone number

c. Fax number

d. E-mail

02 Quality control arrangement details

a. For final product evaluation

03 Test certificate held

a . Type test

b . BIS/ISO certification

c . Any other

**Signature and seal of the Tenderer**

**Section – VIII**

**Qualification Criteria**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Minimum Eligibility** **criteria** | **Narrations** |
| 1 | Authority to tender | The Tenderer must be a Manufacturer or its authorised Agent/dealer/Distributor |
| 2 | Entirety | Bidder shall quote for all the items in the schedule, if any of the item not quoted then their bid will be treated as non responsive |
| **3** | Experience | The Tenderer should have supplied and installed simillar Medical Equipments in the last 3 years  |
| **4** | Financial capability | The Tenderer should have an Annual Turnover of three crore in any one of the last 3 years. (The relevent pages of balance sheet showing annual turn over and profit and loss account duly certified by Chartered Accountant shall be enclosed– Proforma ‘A’- I) |
| **5** | Responsiveness to List of Equipments | The items quoted shall be responsive to the requirements in the List of Equipments in the Tender. |

**Note**

1. In support of 3, the Tenderer shall furnish Performance statement in the enclosed Proforma ‘A’ II (SECTION- IX) duly signed by the Purchaser
2. The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VII.
3. Not withstanding anything stated above, the Purchaser reserves the right to assess the Tenderer’s capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.
4. 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.

###### Section – IX

**TENDER FORM**

Date\_\_\_\_\_\_\_\_\_\_

To

Joint General Manager (Materials),

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

TENDER 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 of \_\_\_\_\_\_\_\_\_\_\_\_\_ (total tender amount in figures and words), as shown in the price schedule(s), 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 - IV – “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, 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

###### PROFORMA ‘A’ I

Name & Address of

Tenderer :

Whether Manufacturer

or agent :

------------------------------------------------------------------------------------------------------------------------------

 Financial Data 13-14 15-16 16-17Average annual

 turn over for last 3 years

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Annual Turn over

Gross Profit/Loss

Whether attached the relevant

Pages of Balance sheet and

Profit and Loss A/c duly certified

By Chartered Accountant

**Signature and stamp of Chartered Accountant Signature of Tenderer with stamp**

###### PROFORMA ‘A’ II (Documentary proof for Proforma ‘A’)

# PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last three years)

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

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

Order cross reference No. : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Name and address of Purchaser : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Country of origin,Name and address

of the manufacturer/Tenderer : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Date:

 Signature and seal of the Purchaser

NB: Satisfactory performance certificate from clients to be enclosed

### Section – IXB

**TENDER FORM (for price bid)**

Date\_\_\_\_\_\_\_\_\_\_

To

Joint General Manager (Materials),

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

Tender 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 of \_\_\_\_\_\_\_\_\_\_\_\_\_ (total tender amount in figures and words), as shown in the price schedule(s), 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 - IV – “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 – “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 (A)**

**A) PRICE SCHEDULE FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CPAP MACHINE TO HIMACHAL PRADESH**

| 1 | 2 | 3 | 4 |  | 5 | 6 |
| --- | --- | --- | --- | --- | --- | --- |
| SINo | Brief Description of Goods | Brand / Model | Quantity (Nos.) | Manufacturer | Price per unit (Rs.) | Total Price (at Consignee Site) basis(Rs.)4 x 5(f) |
| Basic Price | GST | Freight& Insurance & Delivery at Destination | Service charges, if any, specify | Other charges, if any, specify | Unit Price (at Consignee Site) basis |
| **(f) =a+b+c+d+e** |
| (a) | (b) | € | (d) | € |
|  | % | Amt | % | Amt |
| 1 | Chairs for Patients & Attendants |  | 13 |  |  |  |  |  |  |  |  |  |  |
| 2 | Water Dispenser |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 3 | TV |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 4 | Speaker System |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 5 | Reception Table |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 6 | Intercom System |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 7 | Registers |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 8 | Chairs |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 9 | Examination Table |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 10 | Chair |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 11 | Table |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 12 | Pinspot and Mirror Ball Bundle |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 13 | Mirror Ball Motor |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 14 | LED Motor ball |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 15 | Fire Ball Mounted on the roof |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 16 | Sound Activated Light |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 17 | LED Bubble tube |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 18 | OPTIC Fibres |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 19 | Blue LED Lights |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 20 | 150 Bulb Blue LED Light Chain |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 21 | Bubble Tube |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 22 | Rotating Drum |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 23 | Chime Frame and Beater |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 24 | Mirror Chime Bout |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 25 | Bolster Swing |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 26 | Platform Swing |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 27 | Tyre Tube Swing |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 28 | Rope Ladder Swing |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 29 | Rhythmic Rocker |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 30 | Ball Pool |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 31 | Tunnel |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 32 | Real Size Animal Toys |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 33 | Examination Table |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 34 | Chairs |  | 12 |  |  |  |  |  |  |  |  |  |  |
| 35 | Curtain |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 36 | Sphygmomanometer |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 37 | Ophthalmoscope |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 38 | Weighing Machine (Electronic, baby) |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 39 | Weighing Machine - Adult |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 40 | Infantometer |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 41 | Stadiometer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 42 | Measuring Tape |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 43 | Knee Hammer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 44 | X-Ray Viewer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 45 | Developmental Kits for various Ages |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 46 | Dental Chair (Pediatric) |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 47 | Radio Visuo Graphic |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 48 | Specified Dental Equipments Autoclave , Instruments for manual cleaning of teeth, ultrasonic scalers & polishing kit, light cure gun, extraction forceps, restorative (filling)instrument, impersion trays for RPD and CDS, Root canal instruments set (manual), additional dental materials & instruments and consumables  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 49 | Dental X-Ray |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 50 | Intra Oral Camera |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 51 | Computer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 52 | Receptive-Expressive Emergent Language Test - Third Edition (REEL-3) for 0-3 years |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 53 | LPT-Linguistic profile Test for 3-9 years |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 54 | ECG Machine and Leads |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 55 | Resting Table |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 56 | Air Conditioner |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 57 | Echo Machine with Neonatal & Paediatric Probe  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 58 | Automated Blood Cell Counter |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 59 | Microscope |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 60 | Semi Automated Analyser |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 61 | Digital Heamoglobinometer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 62 | Lab Reagents |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 63 | Testing Kit |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 64 | Slides, Beakers, Test Tubes etc |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 65 | Air Conditioner / 1 ton |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 66 | Elisa Reader & Washer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 67 | Hemoblobin HPLC System |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 68 | Flurometer |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 69 | Hb Electrphoresis Machine |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 70 | Developmental Assesment for Indian Infants (DASSI) |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 71 | Vineland Social Maturity Scale |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 72 | Vineland Adaptive Behaviour Scale |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 73 | Bayley-III Screening test complete kits |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 74 | Developmental Screening Test |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 75 | Denver Developmental Screening Test II |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 76 | Standford Binet |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 77 | Paget's Sensory Motor Intelligence Scale |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 78 | Piagetian Cognitive Tasks Autism Spectrum Disorder |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 79 | INCLEN-ASD or Indian Scale for Assesment of Autism |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 80 | Attention Dificit Hyper Activity |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 81 | INCLEN-ASD  |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 82 | NIMHANS Battery |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 83 | Dyslexia Early Screening Test: 4-6 years (DEST) and Dyslexia, Screening Test Junior (6-11 years) |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 84 | Childhood Behavioural Checklist CBCL |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 85 | Cerebral Palsy and Neuromotor impairment: INCLEN (INDTNMI) |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 86 | Adequate chair & tables |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 87 | Therapy ball 65 cm  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 88 | Therapy ball 45cm |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 89 | Therapy mats- 6ft x3ft x 2.5" |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 90 | Bolster |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 91 | 2ft long, diameter- 8 inch |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 92 | 2ft long, diameter- 10 inch |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 93 | Small roll- 13 inch long, Diameter-3 inch |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 94 | 1. Big- Height-14 inch; Length- 31inch, breadth 17 inches |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 95 | 2. Small- Height-10 inch; Length- 26 inch, breadth 17 inches |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 96 | Balance Board |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 97 | Trampoline |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 98 | Bolster Swing |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 99 | Wooden Benches with cushion and Rexene cover |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 100 | Splints (Ankle Foot Orthosis) |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 101 | Special chairs with cut-out tray (Tailor made according to need of the child) |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 102 | Toys (for play and stimulation) |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 103 | Small rattles |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 104 | squeaky toys |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 105 | Puja bell (clapper bell) |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 106 | Soft toy |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 107 | Brush for tactile stimulation |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 108 | Theraputty |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 109 | Peg board |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 110 | Ball Pool with balls of different sizes |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 111 | Gaiters |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 112 | Thick handle spoon – straight and bent |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 113 | Plastic spoon with long handle (for babies) |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 114 | Plastic glass with rim cut on one side |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 115 | Stainless steel plates with high rim |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 116 | Spouted cups |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 117 | Swings |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 118 | Slides |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 119 | See Saw |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 120 | Tunnel |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 121 | Tricycle |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 122 | Locally available toys |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 123 | Torch-penlight |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 124 | Lea Symbols Visual Acuity Test & Conditioning Flash cards |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 125 | Lea puzzle |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 126 | Plastic colluder with lip |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 127 | Lea Grating Paddle |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 128 | Lang Fixation Stick or Lea |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 129 | Log mart chart or Snellen’s chart |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 130 | StreakRetinoscope |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 131 | Hiding Heidi |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 132 | Near Vision Test with Lea symbol (Lea playing card set) and Near Vision Line test |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 133 | Distance Vision Test (Leas single symbols book) |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 134 | RET cam or any other Camera to take photographs of the fundus of the new-born |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 135 | Hand held slit lamp |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 136 | OAE screener |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 137 | ABR screener |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 138 | Screener Pediatric Audiometer |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 139 | Portable Tympanometry Instrument |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 140 | BERA with ASSR with both insert phone and head phone |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 141 | Otoscope |  | 2 |  |  |  |  |  |  |  |  |  |  |
| 142 | Induction cooker |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 143 | Set of Utensils |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 144 | Refrigerator |  | 3 |  |  |  |  |  |  |  |  |  |  |
| 145 | Microwave |  | 3 |  |  |  |  |  |  |  |  |  |  |

Total tender price in rupees\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**Note:**

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for CAMC after warranty shall be quoted separately as per Section – X – Price Schedule (B)
3. Bidder shall quote for all the items in the schedule, if any of the item not quoted then their bid will be treated as non responsive

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

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

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

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

###### SECTION – X PRICE SCHEDULE (B)

1. PRICE SCHEDULE FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

| **1** | **2** | **3** | **4** |
| --- | --- | --- | --- |
| **SI** **No.** | **BRIEF DESCRIPTION OF GOODS** | **Qty.****(Nos.)** | **Comprehensive Maintenance Contract price for Each Unit year wise\*.**  |
| **1st year** | **2nd year** | **3rd year** | **4thyear** | **5th year** | **6th year** | **7th year** | **8th year** |
| **a** | **b** | **c** | **d** | **e** | **f** | **g** | h |
| 1 | Intercom System | 3 |  |  |  |  |  |  |  |  |
| 2 | Dental Chair (Pediatric) | 2 |  |  |  |  |  |  |  |  |
| 3 | Radio Visuo Graphic | 3 |  |  |  |  |  |  |  |  |
| 4 | Specified Dental Equipments Autoclave , Instruments for manual cleaning of teeth, ultrasonic scalers & polishing kit, light cure gun, extraction forceps, restorative (filling)instrument, impersion trays for RPD and CDS, Root canal instruments set (manual), additional dental materials & instruments and consumables  | 3 |  |  |  |  |  |  |  |  |
| 5 | Dental X-Ray | 3 |  |  |  |  |  |  |  |  |
| 6 | Intra Oral Camera | 3 |  |  |  |  |  |  |  |  |
| 7 | Computer | 3 |  |  |  |  |  |  |  |  |
| 8 | ECG Machine and Leads | 3 |  |  |  |  |  |  |  |  |
| 9 | Air Conditioner | 1 |  |  |  |  |  |  |  |  |
| 10 | Echo Machine with Neonatal & Paediatric Probe  | 3 |  |  |  |  |  |  |  |  |
| 11 | Automated Blood Cell Counter | 3 |  |  |  |  |  |  |  |  |
| 12 | Microscope | 3 |  |  |  |  |  |  |  |  |
| 13 | Semi Automated Analyser | 3 |  |  |  |  |  |  |  |  |
| 14 | Digital Heamoglobinometer | 3 |  |  |  |  |  |  |  |  |
| 15 | Air Conditioner / 1 ton | 2 |  |  |  |  |  |  |  |  |
| 16 | Elisa Reader & Washer | 3 |  |  |  |  |  |  |  |  |
| 17 | Hemoblobin HPLC System | 3 |  |  |  |  |  |  |  |  |
| 18 | Flurometer | 3 |  |  |  |  |  |  |  |  |
| 19 | Hb Electrphoresis Machine | 3 |  |  |  |  |  |  |  |  |
| 20 | StreakRetinoscope | 2 |  |  |  |  |  |  |  |  |
| 21 | Hiding Heidi | 3 |  |  |  |  |  |  |  |  |
| 22 | RET cam or any other Camera to take photographs of the fundus of the new-born | 3 |  |  |  |  |  |  |  |  |
| 23 | Hand held slit lamp | 3 |  |  |  |  |  |  |  |  |
| 24 | OAE screener | 1 |  |  |  |  |  |  |  |  |
| 25 | ABR screener | 3 |  |  |  |  |  |  |  |  |
| 26 | Screener Pediatric Audiometer | 2 |  |  |  |  |  |  |  |  |
| 27 | Portable Tympanometry Instrument | 2 |  |  |  |  |  |  |  |  |
| 28 | BERA with ASSR with both insert phone and head phone | 1 |  |  |  |  |  |  |  |  |
| 29 | Otoscope | 2 |  |  |  |  |  |  |  |  |
|  | GST in Rs. |  |  |  |  |  |  |  |  |  |
|  | **Total** |  |  |  |  |  |  |  |  |

\* After completion of 1 year Warranty period for respective equipment as mentioned in the warranty clause

**NOTE:-**

 1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.

2. The cost of CAMC which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 8 years on yearly basis for complete equipment and Turnkey.

 3. The cost of CAMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.

 4. Successful tenderer shall enter into an agreement.

 5. The payment of CAMC will be made as per clause GCC clause 21.1.

 6. The uptime warranty will be 95 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.

 7. All software updates should be provided free of cost during CAMC period.

 8. The stipulations in Technical Specification will supersede above provisions.

 9. The supplier shall keep sufficient stock of spares required during Comprehensive Annual Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

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

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

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

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

**SECTION – XI**

**CHECK LIST**

### Name of Tenderer:

### Name of Manufacturer:

| **Sl No.** | **Activity** | **Yes/ No/ NA** | **Page No. in the TE document** | **Remarks** |
| --- | --- | --- | --- | --- |
| 1. a.  | Have you enclosed EMD of required amount for the quoted schedules? |  |  |  |
|  b. | In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII? |  |  |  |
|  c. | In case Bank Guarantee is furnished, have you kept its validity of 165 days from Techno Commercial Tender Opening date as per clause 19 of GIT? |  |  |  |
| 2. a. | Have you enclosed duly filled Tender Form as per format in Section IX? |  |  |  |
|  b. | Have you enclosed Power of Attorney in favour of the signatory? |  |  |  |
| 3. a. | Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications? |  |  |  |
|  b. | In case of Technical deviations in the compliance statement, have you identified and marked the deviations? |  |  |  |
| 4. a. | Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders? |  |  |  |
|  b. | Have you submitted copy of the order(s) and end user certificate? |  |  |  |
| 5. | Have you submitted manufacturer’s / distributors authorization as per Section XIV? |  |  |  |
| 6. | Have you submitted prices of goods, CAMC etc. in the Price Schedule as per Section X? |  |  |  |
| 7. | Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document? |  |  |  |
| 8. a. | In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India? |  |  |  |
|  b. | In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India? |  |  |  |
| 9.  | Have you intimated the name and full address of your Banker (s) along with your Account Number |  |  |  |
| 10. | Have you fully accepted payment terms as per TE document? |  |  |  |
| 11. | Have you fully accepted delivery period as per TE document? |  |  |  |
| 12.  | Have you submitted the certificate of incorporation? |  |  |  |
| 13. | Have you accepted the warranty as per TE document? |  |  |  |
| 14. | Have you accepted terms and conditions of TE document? |  |  |  |
| 15. | Have you furnished documents establishing your eligibility & qualification criteria as per TE documents? |  |  |  |
| 16. | Have you furnished relevant pages of Annual Report (Balance Sheet and Profit & Loss Account) regarding turnover and profit for last three years prior to the date of Tender opening? |  |  |  |

**Date:**

 **Name**

 **Signature**

 **Stamp and full address**

**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. (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. (2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
3. a) fails or refuses to furnish the performance security for the due performance of the contract.
4. or
5. b) fails or refuses to accept/execute the contract.
6. or
7. c) if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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

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

(Signature of the authorised officer of the Bank)

Name and designation of the officer

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

 **SECTION – XIII**

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CAMC SECURITY**

To

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

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 up to 36 (thirty Six) months 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 – XIV**

**MANUFACTURER’S/DISTRIBUTOR’S AUTHORISATION FORM**

To

Joint General Manager (Materials),

HLL Lifecare Limited,

Akkulam Factory, Sreekariam PO,

Thiruvananthapuram – 17.

Phone +91 471 244 5930, Fax +91 471 244 5935

Email: hcdcmo@lifecarehll.com

Dear Sirs,

Ref. Your TE document No \_\_\_\_\_\_\_\_\_\_\_\_, dated \_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

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

Yours faithfully,

[Signature with date, name and designation]

for and on behalf of Messrs\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[Name & address of the manufacturer/distributor]

Note :This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

**SECTION – XV**

**CONTRACT FORM - A**

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

(Address of the Purchaser’s/Consignee’s

office issuing the contract)

Contract No\_\_\_\_\_\_\_\_\_\_\_ dated\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**This is in continuation to this office’s Notification of Award No\_\_\_\_\_\_\_ dated \_\_\_\_\_\_**

1. Name & address of the Supplier: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Purchaser’s TE document No\_\_\_\_\_\_\_\_ dated\_\_\_\_\_\_\_\_\_\_\_\_ and subsequent Amendment No\_\_\_\_\_\_\_\_\_\_\_\_, dated\_\_\_\_\_\_\_\_\_ (if any), issued by the purchaser

3. Supplier’s Tender No\_\_\_\_\_\_\_\_\_ dated\_\_\_\_\_\_\_\_\_\_ and subsequent communication(s) No\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_ (if any), exchanged between the supplier and the purchaser in connection with this tender.

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

* 1. (i) General Conditions of Contract;
	2. (ii) Special Conditions of Contract;
1. (iii) List of Requirements;
2. (iv) Technical Specifications;
3. (v) Quality Control Requirements;
4. (vi) Tender Form furnished by the supplier;
5. (vii) Price Schedule(s) furnished by the supplier in its tender;
6. (viii) Manufacturer’s/ Distributor’s Authorisation Form (if applicable for this tender);
7. (ix) Purchaser’s Notification of Award

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

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

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

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

 (ii)Any other additional services (if applicable) and cost thereof: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. 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

1. Warranty clause
2. Payment terms
3. 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION – XVI**

**CONTRACT FORM – B**

**CONTRACT FORM FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT**

**CAMC No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Between

**(**Joint General Manager (Materials), HLL Lifecare Limited, Akkulam Factory, Sreekariam PO, Thiruvananthapuram – 17**)**

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** |
| **SI** **No.** | **BRIEF DESCRIPTION OF GOODS** | **Qty.****(Nos.)** | **Comprehensive Maintenance Contract Cost for Each Unit year wise\*.** | **Total Comprehensive Maintenance Contract Cost for 8 Years** **(4a+4b+4c+4d+4e+4f+4g+4h)** |
| **1st** | **2nd** | **3rd** | **4th** | **5th** | **6th** | **7th** | **8th** |  |
| **A** | **b** | **c** | **d** | **e** | **f** | **g** | h |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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

b) The CAMC commence from the date of expiry of all obligations under Warranty i.e. from\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (date of expiry of Warranty) and will expire on \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (date of expiry of CAMC)

c) The cost of Comprehensive Annual Maintenance Contract (CAMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 8 years as contained in the above referred contract on yearly basis for complete equipment (including Batteries for UPS) .

d) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period.

e) During CAMC period, the supplier shall visit at each consignee’s site for preventive maintenance including testing and calibration as per the manufacturer’s service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer’s manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.

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

**SECTION – XVII**

**CONSIGNEE RECEIPT CERTIFICATE**

**(To be given by consignee’s authorized representative)**

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

1. Contract No. & date :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Supplier’s Name :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Consignee’s Name & Address with telephone No. & Fax No. : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Name of the item supplied :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Quantity Supplied :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Date of Receipt by the Consignee:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Name and designation of Authorized Representative of Consignee :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Signature of Authorized Representative of Consignee with date :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Seal of the Consignee :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION – XVIII**

**Proforma of Final Acceptance Certificate by the Consignee**

## No\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#### To

M/s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject: Certificate of commissioning of equipment/plant.

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

(a) Contract No\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Description of the equipment(s)/plants: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Equipment(s)/ plant(s) nos.:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Quantity:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(e) Bill of Loading/Air Way Bill/Railway

Receipt/ Goods Consignment Note no\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(f) Name of the vessel/Transporter:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(g) Name of the Consignee:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(h) Date of commissioning and proving test:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

No.

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

The supplier has fulfilled its contractual obligations satisfactorily ## or

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

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

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

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

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

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

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

Signature.

Name.

Designation with stamp.

## Explanatory notes for filling up the certificate:

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

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

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

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

**SECTION XIX - Consignee Address**

| **SI.No.** | **Room**  | **Equipment**  | **District Hospital**  | **Total Qty** |
| --- | --- | --- | --- | --- |
| **Palwal** | **Panchkula** | **Rohtak** |
| 1 | Reception | Chairs for Patients & Attendents |  | 5 | 5 | 3 | **13** |
| 2 | Fan |  | 0 | 0 | 0 | **0** |
| 3 | Water Dispenser |  | 1 | 1 | 1 | **3** |
| 4 | TV |  | 1 | 1 | 1 | **3** |
| 5 | Speaker System |  | 1 | 1 | 1 | **3** |
| 6 | Registration & Anthropometry | Reception Table |  | 1 | 1 | 0 | **2** |
| 7 | Desktop  |  | 0 | 0 | 0 | **0** |
| 8 | Intercom System |  | 1 | 1 | 1 | **3** |
| 9 | Registers |  | 1 | 1 | 0 | **2** |
| 10 | Chairs |  | 0 | 0 | 1 | **1** |
| 11 | Anthropometry Related Equipments |  | 0 | 0 | 0 | **0** |
| 12 | Curtain |  | 0 | 0 | 0 | **0** |
| 13 | Examination Table |  | 0 | 0 | 1 | **1** |
| 14 | Nursing/ Nutrition | Chair |  | 0 | 0 | 1 | **1** |
| 15 | Table |  | 0 | 0 | 1 | **1** |
| 16 | Toys  |  | 0 | 0 | 0 | **0** |
| 17 | Cupboard |  | 0 | 0 | 0 | **0** |
| 18 | Sensory Integration Unit | Pinspot and Mirror Ball Bundle |  | 1 | 1 | 1 | **3** |
| 19 | Mirror Ball Motor |  | 1 | 1 | 1 | **3** |
| 20 | LED Motor ball |  | 1 | 1 | 1 | **3** |
| 21 | Fire Ball Mounted on the roof |  | 1 | 1 | 1 | **3** |
| 22 | Sound Activated Light |  | 1 | 1 | 1 | **3** |
| 23 | LED Bubble tube |  | 1 | 1 | 1 | **3** |
| 24 | OPTIC Fibres |  | 1 | 1 | 1 | **3** |
| 25 | Blue LED Lights |  | 1 | 1 | 1 | **3** |
| 26 | 150 Bulb Blue LED Light Chain |  | 1 | 1 | 1 | **3** |
| 27 | Bubble Tube |  | 1 | 1 | 1 | **3** |
| 28 | Rotating Drum |  | 1 | 1 | 1 | **3** |
| 29 | Chime Frame and Beater |  | 1 | 1 | 1 | **3** |
| 30 | Mirror Chime Bout |  | 1 | 1 | 1 | **3** |
| 31 | Bolster Swing |  | 0 | 0 | 1 | **1** |
| 32 | Platform Swing |  | 1 | 1 | 1 | **3** |
| 33 | Tyre Tube Swing |  | 1 | 1 | 1 | **3** |
| 34 | Rope Ladder Swing |  | 1 | 1 | 1 | **3** |
| 35 | Rhythmic Rocker |  | 1 | 1 | 0 | **2** |
| 36 | Balance Boards |  | 0 | 0 | 0 | **0** |
| 37 | Ball Pool |  | 1 | 1 | 1 | **3** |
| 38 | Tunnel |  | 1 | 1 | 1 | **3** |
| 39 | Bean Bags Including white ones |  | 0 | 0 | 0 | **0** |
| 40 | Real Size Animal Toys |  | 1 | 1 | 0 | **2** |
| 41 | Examination Room | Examination Table |  | 0 | 0 | 1 | **1** |
| 42 | Chairs |  | 4 | 4 | 4 | **12** |
| 43 | Curtain |  | 0 | 0 | 1 | **1** |
| 44 | Stethoscope |  | 0 | 0 | 0 | **0** |
| 45 | Sphygmomanometer |  | 0 | 0 | 1 | **1** |
| 46 | Ophthalmoscope |  | 1 | 1 | 0 | **2** |
| 47 | Weighing Machine |  | 1 | 1 | 0 | **2** |
| 48 | Infantometer |  | 1 | 1 | 1 | **3** |
| 49 | Stadiometer |  | 1 | 1 | 0 | **2** |
| 50 | Measuring Tape |  | 0 | 0 | 0 | **0** |
| 51 | Torch |  | 1 | 1 | 1 | **3** |
| 52 | Knee Hammer |  | 1 | 1 | 1 | **3** |
| 53 | X-Ray Viewer |  | 1 | 1 | 1 | **3** |
| 54 | Developmental Kits for various Ages |  | 1 | 1 | 0 | **2** |
| 55 | Dental Room | Dental Chair (Pediatric) |  | 1 | 1 | 1 | **3** |
| 56 | Radio Visuo Graphic |  | 1 | 1 | 1 | **3** |
| 57 | Specified Dental Equipments |  | 1 | 1 | 1 | **3** |
| 58 | Dental X-Ray |  | 1 | 1 | 1 | **3** |
| 59 | Intra Oral Camera |  | 1 | 1 | 1 | **3** |
| 60 | Computer |  | 0 | 0 | 1 | **1** |
| 61 | Speech & Language Assesment Room | Receptive-Expressive Emergent Language Test - Third Edition (REEL-3) for 0-3 years |  | 1 | 1 | 1 | **3** |
| 62 | LPT-Linguistic profile Test for 3-9 years |  | 1 | 1 | 1 | **3** |
| 63 | ECG Cum Echo Room | ECG Machine and Leads |  | 1 | 1 | 1 | **3** |
| 64 | Resting Table |  | 1 | 1 | 1 | **3** |
| 65 | Air Conditioner |  | 0 | 0 | 1 | **1** |
| 66 | Echo Machine with Neonatal & Pediatric Probe |  | 1 | 1 | 1 | **3** |
| 67 | Laboratory | Automated Blood Cell Counter |  | 1 | 1 | 1 | **3** |
| 68 | Microscope |  | 1 | 1 | 1 | **3** |
| 69 | Semi Automated Analyser |  | 1 | 1 | 1 | **3** |
| 70 | Digital Heamoglobinometer |  | 1 | 1 | 1 | **3** |
| 71 | Lab Reagents |  | 1 | 1 | 1 | **3** |
| 72 | Testing Kit |  | 1 | 1 | 1 | **3** |
| 73 | Slides, Beakers, Test Tubes etc |  | 1 | 1 | 1 | **3** |
| 74 | Air Conditioner |  | 1 | 1 | 0 | **2** |
| 75 | Elisa Reader & Washer |  | 1 | 1 | 1 | **3** |
| 76 | Hemoblobin HPLC System |  | 1 | 1 | 1 | **3** |
| 77 | Flurometer |  | 1 | 1 | 1 | **3** |
| 78 | Hb Electrphoresis Machine |  | 1 | 1 | 1 | **3** |
| 79 | Psychological Testing Room | Developmental Assesment for Indian Infants (DASSI) |  | 1 | 1 | 0 | **2** |
| 80 | Vineland Social Maturity Scale |  | 1 | 1 | 0 | **2** |
| 81 | Vineland Adaptive Behaviour Scale |  | 1 | 1 | 1 | **3** |
| 82 | Bayley-III Screening test complete kits |  | 1 | 1 | 1 | **3** |
| 83 | Developmental Screening Test |  | 1 | 1 | 0 | **2** |
| 84 | Denver Developmental Screening Test II |  | 1 | 1 | 0 | **2** |
| 85 | Standford Binet |  | 1 | 1 | 0 | **2** |
| 86 | Paget's Sensory Motor Intellegence Scale |  | 1 | 1 | 1 | **3** |
| 87 | Piagetian Cognitive Tasks Autism Spectrum Disorder |  | 1 | 1 | 1 | **3** |
| 88 | INCLEN-ASD or Indian Scale for Assesment of Autism |  | 1 | 1 | 1 | **3** |
| 89 | Attention Dificit Hyper Activity |  | 1 | 1 | 1 | **3** |
| 90 | INCLEN-ASD  |  | 1 | 1 | 1 | **3** |
| 91 | NIMHANS Battery |  | 1 | 1 | 1 | **3** |
| 92 | Dyslexia Early Screening Test: 4-6 years (DEST) and Dyslexia, Screening Test Junior (6-11 years |  | 1 | 1 | 1 | **3** |
| 93 | Childhood Behavioural Checklist CBCL |  | 1 | 1 | 1 | **3** |
| 94 | Cerebral Palsy and Neuromotor impairment: INCLEN (INDTNMI) |  | 1 | 1 | 1 | **3** |
| 95 | Adequate chair & tables |  | 1 | 1 | 0 | **2** |
| 96 | Early Intervention Occupational Therapy | Therapy ball 65 cm 45cm |  | 1 | 0 | 0 | **1** |
| 97 | Therapy mats- 6ft x3ft |  | 1 | 0 | 0 | **1** |
| 98 | Bolster |  | 1 | 0 | 0 | **1** |
| 99 | 2ft long, diameter- 8 inch |  | 1 | 0 | 0 | **1** |
| 100 | 2ft long, diameter- 10 inch |  | 1 | 0 | 0 | **1** |
| 101 | Small roll- 13 inch long, Diameter-3 inch |  | 1 | 0 | 0 | **1** |
| 102 | Prone Wedge |  | 1 | 0 | 0 | **1** |
| 103 | Big- Height-14 inch; Length- 31inch, breadth 17 inches |  | 1 | 1 | 0 | **2** |
| 104 | Small- Height-10 inch; Length- 26 inch, breadth 17 inches |  | 1 | 1 | 0 | **2** |
| 105 | Balance Board |  | 1 | 0 | 1 | **2** |
| 106 | Kaye-Walker (height-48-64 cm) |  | 0 | 0 | 0 | **0** |
| 107 | Trampoline |  | 1 | 0 | 0 | **1** |
| 108 | Bolster Swing |  | 1 | 0 | 1 | **2** |
| 109 | Wooden Benches with cushion and Rexene cover |  | 1 | 1 | 1 | **3** |
| 110 | Splints (Ankle Foot Orthosis) |  | 1 | 1 | 1 | **3** |
| 111 | Special chairs with cut-out tray (Tailor made according to need of the child) |  | 1 | 0 | 1 | **2** |
| 112 | Toys (for play and stimulation) |  | 1 | 1 | 0 | **2** |
| 113 | Small rattles |  | 1 | 1 | 0 | **2** |
| 114 | squeaky toys |  | 1 | 1 | 0 | **2** |
| 115 | Puja bell (clapper bell) |  | 1 | 0 | 0 | **1** |
| 116 | Soft toy |  | 1 | 1 | 0 | **2** |
| 117 | Brush for tactile stimulation |  | 1 | 1 | 1 | **3** |
| 118 | Theraputty |  | 1 | 1 | 1 | **3** |
| 119 | Peg board |  | 1 | 0 | 0 | **1** |
| 120 | Ball Pool with balls of different sizes |  | 1 | 1 | 1 | **3** |
| 121 | Gaiters |  | 1 | 1 | 1 | **3** |
| 122 | Thick handle spoon – straight and bent |  | 1 | 1 | 1 | **3** |
| 123 | Plastic spoon with long handle (for babies) |  | 1 | 1 | 1 | **3** |
| 124 | Plastic glass with rim cut on one side |  | 1 | 1 | 1 | **3** |
| 125 | Stainless steel plates with high rim |  | 1 | 1 | 1 | **3** |
| 126 | Spouted cups |  | 1 | 1 | 0 | **2** |
| 127 | Play Area | Swings |  | 1 | 1 | 0 | **2** |
| 128 | Slides |  | 1 | 1 | 0 | **2** |
| 129 | See Saw |  | 1 | 1 | 1 | **3** |
| 130 | Tunnel |  | 1 | 1 | 1 | **3** |
| 131 | Tricycle |  | 1 | 1 | 1 | **3** |
| 132 | Locally available toys |  | 1 | 1 | 0 | **2** |
| 133 | Vision Assessment Room | Torch-penlight |  | 1 | 1 | 1 | **3** |
| 134 | Lea Symbols Visual Acuity Test & Conditioning Flash cards |  | 1 | 1 | 1 | **3** |
| 135 | Lea puzzle |  | 1 | 1 | 1 | **3** |
| 136 | Plastic colluder with lip |  | 1 | 1 | 1 | **3** |
| 137 | Lea Grating Paddle |  | 1 | 1 | 1 | **3** |
| 138 | Lang Fixation Stick or Lea |  | 1 | 1 | 1 | **3** |
| 139 | Log mart chart or Snellen’s chart |  | 1 | 1 | 0 | **2** |
| 140 | StreakRetinoscope |  | 1 | 1 | 0 | **2** |
| 141 | Hiding Heidi |  | 1 | 1 | 1 | **3** |
| 142 | Near Vision Test with Lea symbol (Lea playing card set) and Near Vision Line test |  | 1 | 1 | 1 | **3** |
| 143 | Distance Vision Test (Leas single symbols book) |  | 1 | 1 | 1 | **3** |
| 144 | RET cam or any other Camera to take photographs of the fundus of the new-born |  | 1 | 1 | 1 | **3** |
| 145 | Hand held slit lamp |  | 1 | 1 | 1 | **3** |
| 146 | Hearing Assessment Room | OAE screener |  | 1 | 0 | 0 | **1** |
| 147 | ABR screener |  | 1 | 1 | 1 | **3** |
| 148 | Audiometer |  | 1 | 0 | 1 | **2** |
| 149 | Portable Tympanometry Instrument |  | 1 | 1 | 0 | **2** |
| 150 | BERA with ASSR with both insert phone and head phone |  | 1 | 0 | 0 | **1** |
| 151 | Otoscope |  | 1 | 1 | 0 | **2** |
| 152 | Pantry | Induction cooker |  | 1 | 1 | 1 | **3** |
| 153 | Set of Utensils |  | 1 | 1 | 1 | **3** |
| 154 | Refrigerator |  | 1 | 1 | 1 | **3** |
| 155 | Microwave |  | 1 | 1 | 1 | **3** |