



GOVERNMENT OF ANDHRA PRADESH

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Web Site : <https://tender.apemprocurement.gov.in>

TENDER DOCUMENT

FOR

**Procurement and supply of equipment to 34 DEIC centers in Andhra Pradesh
under RBSK with 2 years rate contract (e- Procurement)**

Tender Notice No. : 6.2A/APMSIDC/2023-24 Dt: 19.09.2023

**Name of the Work : Procurement and supply of equipment to 34
DEIC centers in Andhra Pradesh under RBSK**

**Name of the Agency :
.....**

**and Address :
.....
.....**

**Implementing Agency :
ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE
DEVELOPMENT CORPORATION
(Formerly APMHIDC)
(AN ENTERPRISE OF GOVT. OF A.P.)**

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INTRODUCTION

- 1.1. The Andhra Pradesh Medical Services & Infrastructure Development Corporation – APMSIDC (formerly APMHIDC) (Tender Inviting Authority) is a fully owned Government of Andhra Pradesh for providing services to the various health care institutions under the Department of Family Welfare and Health. One of the key objectives of the APMSIDC is to act as the central procurement agency for all essential drugs and equipments for all health care institutions (hereinafter referred to as user institutions) under the department. The corporation has also been entrusted with the setting up and running of all kinds of modern Medical and Paramedical or medical based ancillary facilities such as hospitals, pathological labs, diagnostic centres, x-ray/scanning facilities.
- 1.2. Over the last decades, several equipments have been procured and installed in the various health care institutions under the government under different schemes. One of the major problems encountered is the maintenance of the equipments. Site preparation, timely replacement of consumables, calibration of sensitive equipments, up gradation of technology, training to the doctors and paramedical staff- all poses problems. The corporation has been formed by the government to fill in these grey areas and to act as total service providers to the all the government health care institutions. Of course, this mammoth task could be achieved only with the active involvement and support of the manufacturers/dealers of the equipments.
- 1.3. In this tender, the lowest price is the sole criteria for selecting the equipment/supplier. The two bid system, which is followed, has been designed to eliminate those equipments which do not match the technical specifications, or not having the proven technology and to eliminate firms that do not have the financial or technical capability to supply, install and maintain the equipments. i.e., to provide after sales support for a period of minimum 5 years from the date of installation and to ensure 98 % uptime in performance/operation of the equipment.
- 1.4. The payment to the successful tenders will be settled after obtaining a 'three month performance certificate' from the head of the user institution - two month period is a period of trail run- during which the performance of the equipments will be keenly observed. At the same time, it may be noted that the Corporation is not the agency finalizing the requirements of equipments and their technical specifications. These parameters are finalized by the user institutions and funding agencies and forwarded to the corporation for procurement. On our side, we ensure that the technical specifications are not biased towards a particular equipment/firm, through consultations during the pre-tender meetings

with the prospective tenderers. Amendments in the terms and conditions of the tender documents may be resorted to on the basis of expert advice to see that more than one firm qualifies for the final round. Technology specific specifications/conditions and entertaining direct purchase will be undertaken, if and only if, the user agency certifies the equipment required is of proprietary nature. Since the equipments procured are dealing with precious human life in government hospitals, depended by the poor and downtrodden of the society, it is our endeavor to ensure that most modern, but proven and durable equipments are procured and supplied. The tender documents are prepared after assessing the market to meet such objectives.

- 1.5. Every paisa spend by the corporation is public money and hence accountable. Therefore, after sales service and up-time guarantee on the performance of the equipment purchased by the Corporation have to be given paramount importance. Corporation will be dealing with defaulters in these fronts with a firm hand, which may lead to black listing and recovery of damages. We request our valuable suppliers to avoid such unpleasant situations.
- 1.6. It is also essential while dealing with public money that utmost transparency has to be maintained in the procurements of the corporation. All decisions will be published from time to time on our website www.msfdc.ap.nic.in. The corporation will not wait for the mandatory 30 days period to provide any information under Right to Information Act and will provide the information within the minimum possible time. The Corporation will uphold the fundamental 'right to be heard' enshrined under the Constitution of India and will take harsh decisions only after providing opportunity for hearing/submission of facts. Tenderers could prefer appeal to the government against all decisions of the corporation.

SECTION - I: INVITATION FOR BIDS (IFB)

GOVERNMENT OF ANDHRA PRADESH

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

Tender Notice No. **6.2A/APMSIDC/2023-24 Dt: 19.09.2023.**

1. Bids are invited on the e-procurement platform for certain medical equipment as described in the Section V- Schedule of Requirements from the eligible manufacturers/Authorized Distributors. The details of bidding conditions and other terms can be downloaded from the electronic procurement platform of Government of Andhra Pradesh i.e. <https://tender.apecprocurement.gov.in>.
2. Bidders would be required to register on the e-Procurement market place "www.eprocurement.gov.in" and submit their bids online. On registration with the e-Procurement market place they will be provided with a user id and password by the system through which they can submit their bids online.
3. The bidders need to scan and upload the required documents as per the Check list given in **Annexure XIV**. Such uploaded documents pertaining to technical bid need to be attached to the tender while submitting the bids on line. The attested copies of all these uploaded documents of technical bid, signed undertaking of tenderer should be submitted off line to Managing Director, APMSIDC, Mangalagiri, Guntur on or before the next day of the last date of submission of bids. The Corporation will consider only the bids submitted through on-line over the copies of the paper based bids.
4. a) The participating bidder/s will have to pay tender processing fee (non-refundable) for the amounts specified in the Schedule of Requirements (Section – V), in the form of Demand Draft drawn in favour of Managing Director, APMSIDC, Guntur.

b) Further the bidder/s shall furnish, as part of it bid, the Bid security for the amounts specified in the Schedule of Requirements (Section –V) to be paid in online along with bids. The bidders should note that the local MSME units are exempted from payment of E.M.D, subject to the production of necessary documentation to that extent by them.

c) Further all the participating bidders have to electronically pay a non-refundable transaction fee to M/s. APTS, the service provider through "Payment Gateway Service on E-Procurement platform", as per the Government Orders placed on the e-procurement website.

d) APMSIDC will not accept the tenders from blacklisted companies or undependable Suppliers whose past performance with APMSIDC was found poor due to delayed and/or erratic supplies and those with frequent product failures, and also against whom there have been adverse reports of **Sub-Standard**

Quality / Poor Service of Equipment supplies, as defined in the other parts of the Bidding document.

e) **“Complaint/s:** Any complaints/representation regarding tender will be entertained only after depositing of Rs. 25,000/- in form of Demand Draft in the name of Managing director, APMSIDC, Mangalagiri, Guntur. Subsequently necessary action will be taken by the Managing Director and decision of Managing Director will be binding upon the complainant. If the complaint turns out to be false or invalid the amount will be forfeited. The amount shall be refunded if after scrutiny the complaint is found to be true. No further complaint/representation from the same complainant for the same tender will be entertained. If the complaint or allegation made is found to be false or baseless and without any valid point, the tender inviting authority in its discretion, can prevent / blacklist / declare ineligible, such bidder from participating in its procurement process, either indefinitely or for a stated period of time.”

5. **Period of Delivery: 60** Days from the date of receipt of the Notification of Award (Purchase Order) of Contract. The delivery terms include the total time given for supply, installation, testing and training of staff.

Time Limits prescribed

Sl. No	Activity	Time Limit
5.1.1.	Installation & Delivery period	60 days from date of issuance of Supply Order
5.1.2.	Comprehensive warranty period	3 Year
5.1.3.	Frequency of visits to all User Institution concerned during Warranty	One visit every three months (4 visits in a year) for periodic/preventive maintenance and any time for attending repairs/break down calls.
5.1.4	Submission of Performance Security and entering into contract	15 days from the date of issuance of Supply Order
5.1.5	Payment Installments of Price of equipments and ratio	Three Installments and in the ratio 60:30:10/90:10 (As Applicable).
5.1.6	Time for making payments by Tender Inviting Authority	Within 60 days from the date of submission of proper documents
5.1.7.	Maximum time to attend any Repair call	Within 48 hours
5.1.8	Uptime in a year	95%

6. Bidders eligibility and qualifications: Defined at Clause 13 of Instructions to Bidders (Section II) and Qualification Criteria (Section-VI)

7. Details of Tender Process:

1.	Downloading of documents	From 23-09-2023 to 09-10-2023 up to 11.00 AM
2.	Queries up to	26-09-2023 @ 11.00 A.M
2.	Due date for Receipt of tenders	09-10-2023 up to 3.00 P.M
3.	Time and date of opening of technical Bids	09-10-2023 @ 3.01 PM
4.	Time and date of opening of financial bids	09-10-2023 @ 5.00 PM

Note: The dates stipulated above are firm and under no circumstances they will be relaxed unless otherwise extended by an official notification or happen to be Public Holidays. For the assistance in the online submission issues, the bidder may contact the help desk of M/s Vupadhi Techno Services Pvt. Ltd. (e-procurement) at their e-mail address: eprocsupport@vupadhi.com or on the mobile nos. **8645-246370 / 71 / 72 / 73 / 74**

8. Procedure for Bid Submission

- a. The Tenderers/Bidders who are desirous of participating in e-procurement shall submit their Technical bids, price bids etc., in the Standard formats prescribed in the Tender documents, displayed at e-procurement market place.
- b. The bidders shall sign on all the statements, documents, certificates, uploaded by them, owning responsibility for their correctness / authenticity.
- c. The hard copies of all the uploaded Technical / Price bid, to be attested by a Gazetted Officer or properly notarized.
- d. The Corporation shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the tenderer are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the EMD will be forfeited.
- e. The Corporation will not hold any risk and responsibility for the loss in transit during uploading of the scanned document, for the invisibility of the scanned document online, and any other problem(s) encountered by the Tenderers while submitting his bids online.

9. Important Instructions to the Bidders:

9.1 Quality of Supplied Equipment throughout its life cycle period, timely supplies and prompt maintenance support during the warranty and CMC period without default are being given paramount importance by the Corporation. The Corporation will be dealing with the defaulters with firm hand, which may lead to blacklisting for a specified period in addition to levying penalties.

9.2 In case of complaints on the quality and poor maintenance support of the products supplied, bills will be withheld till receipt of Satisfactory reports. Further:

- If one item of any Supplier is found of 'Sub-Standard Quality' during the Contract period, then that particular item will be blacklisted for a period of (3) three years immediately succeeding the Contract year
- If two items of any Supplier are found of 'Sub-standard Quality' during the Contract period, then Supplier will be blacklisted for a period of (3) three years immediately succeeding the Contract year

9.3 The Corporation will blacklist the Supplier, who is declared as 'Undependable for two (2) items or in two (2) instances during the Contract period, for a period of one year immediately succeeding the Contract year apart from taking other penal actions under the Contract.

9.4 The decision of the Managing Director, APMSIDC, or any officer authorized by him in respect of the quality of the supplied Equipment and other goods etc., shall be final and binding.

9.5 No claims shall be allowed against the APMSIDC in respect of interest on Earnest Money Deposit or on Security Deposit or late payments.

9.6 Savings Clause: No suit, prosecution or any legal proceedings shall lie against APMSIDC or any person for anything, which is done in good faith or intended to be done in pursuance of bid.

SECTION - II : INSTRUCTIONS TO BIDDERS

TABLE OF CLAUSES

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3	Eligible Goods & Services	20	Late Bids
4	Cost of Bidding	21	Modification & Withdrawal of Bids
	B. Bidding Documents		E. Bid Opening & Evaluation
5.	Content of Bidding Document	22.	Opening of Bids
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14	Documents establishing goods, eligibility & conformity to bid documents.	30	Award criteria
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16	Period of validity of Bids	32	Purchasers right to accept any bid or reject any or all bids.
17	Format & signing of Bid Bids.	33.	Notification of award
		34	Signing of contract
		35.	Performance security.
		36.	Fraud and Corruption

A. Introduction

1. Source of funds:

The funds are made available by the State Government of Andhra Pradesh, to the Managing Director, APMSIDC Scheme wise towards the procurement processed under this tender notification.

2. Eligible Bidder

2.1 This invitation for Bids is open to all Manufacturers or their authorized distributors, who fulfill the eligibility criteria mentioned in the Clause 13 and who meet qualification criteria mentioned in the Section VI.

3 Eligible Goods and services

3.1 All goods and ancillary services to be supplied under the contract shall have their origin in eligible source country. The goods shall meet the requirements as specified in the Technical Specifications. And meet the eligibility criteria as given at Clause 14 of ITB.

3.2. For purpose of this clause, "origin" means the place where the goods are mined, grown, or produced or from which the ancillary services are supplied. Goods are produced, through manufacturing processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

3.3 The origin of goods and services is distinct from the nationality of the Bidder.

4. Cost of bidding.

4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Managing Director, APMSIDC, Mangalagiri, Guntur here in after referred to as " the purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

B. The Bidding Documents

5. Content of Bidding Documents

5.1 In addition to the Invitation for Bids, the bidding documents include:

- (a) Instruction to Bidders;
- (b) General conditions of contract;
- (c) Special conditions of contract;
- (d) Schedule of requirements;
- (e) Technical specifications;
- (f) Bid form and price schedules;
- (g) Bid security form;
- (h) Performance security form.
- (i) Firm Registration/manufacturer license
- (j) Performance statement form.
- (k) Declaration Form
- (l) Check List of the documents uploaded on e-platform as part of the bid

5.2 The bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidders risk and may result in rejection of its bid.

6. Clarification of bidding documents

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the purchaser in writing at the purchasers mailing address indicated in the Invitation for bids. The purchaser will respond in writing to any request for clarification of the Bidding documents if the same is received in the first week of the tender notice prescribed by the purchaser. Written copies of the purchaser's response (including an explanation of the query but without identifying the source or inquiry) will be sent to all prospective bidders which have received the bidding documents.

7. Amendment of bidding documents

7.1 At any time prior to the deadline for submission of bids, the purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the bidding documents by amendment.

7.2 The amendment will be notified online.

7.3 In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bid, the purchaser may, at its discretion, extend the deadline for the submission of bids.

C. Preparation of Bids

8. Language of Bid.

8.1. The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the bidder and the purchaser, shall be written in the English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the bid, the English translation shall govern.

9. Documents comprising the bid

9.1 The bid prepared by the bidder shall comprise the following components:

1. Technical Bid:

- (a) A Bid form completed in accordance with clause 10
- (b) Documentary evidence established in accordance with clause 13 that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted.
- (c) Documentary evidence established in accordance with clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services confirm to the Bidding Documents; and
- (d) Bid security furnished in accordance with clause 15.

2. The Price Bid completed in accordance with clauses 11 and 12.

10. Bid Form

10.1 The Bidder shall complete the bid form provided in the Bidding documents, indicating for the goods to be supplied, brief description of the goods, their country of origin and quantity and other declaration statements.

11. Bid prices.

11.1 The Bidder shall indicate on the appropriate price schedule, made available in the e-procurement platform and a model format is also attached to these documents, the unit prices and total bid prices of the goods it proposes to supply under the contract, for each item separately. The unit prices shall be rounded off to nearest quoted currency. The bidder may quote one or more items for which copy of necessary documents, wherever necessary have to be produced along with the bid.

11.2. Prices indicated on the price schedule shall be entered separately in the following manner:

(i) The price of the goods, quoted ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, or delivered, as applicable, including all duties and sales and other taxes including transportation, installation, commissioning at site and all incidental charges associated with the contract.

(ii) Deleted

11.3 The Bidder's separation of the price components in accordance with para 11.2 above will be solely for the purpose of facilitating the comparison of bids by the purchaser and will not in any way limit the purchaser's right to contract on any of the terms offered.

11.4 Fixed Price. Price quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation except for any changes made by the Statute in respect of local taxes. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to clause 24.

12. Bid currencies.

12.1 Prices shall be quoted in Indian Rupees/ US dollar/ Euro/ Japanese YEN/ GBP any other currency. The purchaser reserves its rights to award the contract by any of the currencies depending upon competitiveness, requirements, at their sole discretion.

The contract will be awarded to L1 bidder in the currencies which is quoted in the tender by the respective bidder.

13. Documents Establishing Bidder's Eligibility and Qualifications.

13.1 Pursuant to clause 9, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted

13.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the purchaser's satisfaction that the bidder, at the time of submission of the bid, is an eligible bidder as defined under clause 2.

13.3 The documentary evidence of the Bidders qualifications to perform the contract if its bid is accepted, shall establish to the purchaser satisfaction;

- (a) that, in the case of bidder offering to supply goods under the contract which the bidder is manufacture produce, Firm Registration/manufacturer license that the bidder is manufacturer & also Memorandum of Articles. or otherwise produce, the bidder has been duly authorized (as per authorization form in section XII a).

- (b) that, in the case of bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized (as per authorization form in section XII b) by the goods manufacturer or producer to supply the goods in India.
- (i) the legal status, place of registration and principle place of business of the company or firm or partnership etc.
- (ii) Details of experience and past performance of the bidder on specified item offered in the bid within the past three years and details of current contracts in hand and other commitments (suggested proforma given in section XI);
- (iii) Copy of the GST Certificate and Details of IT Returns- PAN / TIN copies
- (iv) The details in compliance to the Qualification Criteria (Section VI).

13.4 The check list for the details of documents to be submitted is given at Annexure XIV

14. Documents Establishing Goods Eligibility and conformity to bidding documents.

14.1 Pursuant to clause 9 the bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding document of all goods and services which the bidder proposes to supply under the contract.

14.2 The documentary evidence of the goods and services eligibility shall consist and of statement in the price schedule on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.

14.3 The documentary evidence of the goods and services conformity to the bidding documents may be in the form of literature, drawings and data, and shall furnish:

- (a) a detailed description of the goods essential technical and performance characteristics of the goods.
- (b) A clause by clause commentary on the purchaser technical specifications demonstrating the goods and services substantial responsiveness to those specifications or statement of deviations and exceptions of the Technical specifications.

14.4 For purpose of the commentary to be furnished pursuant to clause 14.3 above, the bidder shall note that standards for workmanship, material and goods, and references to brand names or catalogue numbers designated by the purchaser in its technical specifications are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand name and / or catalogue numbers in its bid, provided that it demonstrates to the purchasers satisfaction that the substitutes are substantially equivalent or superior to those designated in the Technical specifications.

15. Bid security

- 15.1 Pursuant to Clause 9, the Bidder shall furnish, as part of it bid, the Bid security for the amounts specified in the Invitation for Bids (Section -1)
- 15.2 The bid security is required to protect the purchaser against risk of bidders conduct which would warrant the security forfeiture, pursuant to clause 15.7
- 15.3 The bid security shall be in Indian Rupees and shall be in the following form:
- A Demand Draft in favour of Managing Director, APMSIDC, Guntur payable at Guntur.
- 15.4 Any bid not secured in accordance with para 15.1 and 15.3 above will be rejected by the purchaser as non-responsive pursuant to clause 24.
- 15.5 Unsuccessful Bidder's bid security will be discharged/ returned as promptly as possible but not later than 30 days after the expiration of the period of bid validity prescribed by the purchaser pursuant to clause 16.
- 15.6 The successful Bidder's bid security will be discharged upon the Bidders executing the contract, pursuant to clause 34 and furnishing the performance security pursuant to clause 35.
- 15.7 The bid security may be forfeited;
- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid form ; or
 - (b) In case of successful Bidder, if the Bidder fails;
 - (i) to sign the contract in accordance with clause 34; or
 - (ii) to furnish performance security in accordance with clause 35.
 - (c) If the Bidder does not accept the corrected amount the Bid will be rejected, and the Bid security may be forfeited.

16. Period of validity of Bids.

- 16.1 Bids shall remain valid for 90 days after the date of bid opening prescribed by the purchaser pursuant to Clause 19.1. A bid valid for shorter period may be rejected by the purchaser as non-responsive.
- 16.2 In exceptional circumstances, the Purchaser may solicit the Bidders consent to an extension of the period of validity the request and the responses thereto shall be made in writing (or by mail). The bid security provided under clause 15

shall also be suitably extended. A bidder may refuse the request without forfeiting its bid security.

17. Format and signing of Bid.

17.1 The bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the bidder to the contract. The latter authorization shall be indicated by written power-of-attorney accompanying the bid. All pages of the bid, except for unammended printed literature, shall be initialed by the person or persons signing the bid.

17.2 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors and made by the bidder in which case such corrections shall be initialed by the person or persons signing the bid.

D. Submission of Bids

18. Sealing and Marking of bids.

18.1 The bids shall be uploaded (submitted) electronically, as described in the Invitation for Bids (Section –I). The hard copies of the bids in sealed covers must be received by the Purchaser at the address specified above on or before the due date of submission of bids (Section –I).

18.2 The Bids shall be addressed to the purchaser at the following address:

The Managing Director, APMSIDC, 2nd Floor, Plot No:09, survey number: 49, IT Park, Mangalagiri, Guntur District- 522503.

18.3 The Bids shall bear the name of the invitation for bids (IFB) and Number and also the words "Do not open before 15.00 Hrs **on 09-10-2023**". The envelopes shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it declared "late".

18.4 If the envelope is not sealed and marked as required by Para 18.2 and 18.3 above, the purchaser will assume no responsibility for the bids misplacement or premature opening.

19. Deadline, for submission of bids.

19.1 The Bids (both electronic and Hard copies) must be received by the purchaser, no later than the time and date specified in the Invitation for Bids (Section I). In the event of the specified date for the submission of Bids being declared a holiday for the purchaser, the Bids will be received up to the appointed time on the next working day.

19.2 The purchaser may, at its discretion, extend this deadline for submission of bids by amending the bid documents in accordance with clause 7, in which

case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids.

- 20.1 Any bid received by the purchaser after the deadline for submission of bids prescribed by the purchaser, pursuant to clause 19, will be rejected and/ or returned unopened to the Bidder.

21. Modification and Withdrawal of Bids.

- 21.1 No bid may be modified subsequent to the deadline for submission of bids.
- 21.2 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid form. Withdrawal of bid during this interval may result in the Bidders forfeiture of its bid security , pursuant to Clause 15.7

E. Bid Opening and Evaluation

22. Opening of Bids by Purchaser

- 22.1 The Purchaser/or his authorized representative will download the technical bids on **09-10-2023 at 3.01 PM.**
- 22.2 The Financial Bids of the Technically responsive bidder would be downloaded subsequently from the e-platform, once the technical evaluation is completed.

23. Clarification of Bids.

- 23.1 To assist in the examination, evaluation and comparison of bids the purchaser may at his discretion, ask the Bidder for clarification of his bid. The request for clarification and the response shall be in writing and no change in price or substance of the bid shall be sought, offered or permitted.

24. Technical Evaluation (Preliminary Examination and Pre-Qualification)

- 24.1 The purchaser will examine the bids to determine whether they are complete, whether required securities have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 24.2 Prior to the financial evaluation, pursuant to clause 26, the purchaser will determine the responsiveness of each bid to the bidding documents. For purposes of these clauses, a responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. The purchaser's determination of bids responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 24.3 Further the purchaser will determine to his satisfaction whether the Bidder is qualified to satisfactorily perform the contract. The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder pursuant to clause 13 as well as such other information as the purchaser deems necessary and appropriate.
- 24.4 An affirmative determination will be prerequisite for the opening of the financial bids. A negative determination will result in rejection of the Bidder's bid.
- 24.5 A bid determined as not substantially responsive will be rejected by the purchaser.
- 24.6 The Purchaser may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any bidder.

25. Deleted.

26. Evaluation and comparison of Bids.

- 26.1 The Purchaser will evaluate and compare bids previously determined to be substantially responsive, pursuant to clause 24 for each schedule separately.
- 26.2 The purchasers evaluation of a bid will take into account; in addition to the bid price (ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, on the finished goods and cost of incidental services required. The following costs to the extent specified:
- a. cost of inland transportation, insurance and other costs within India incidental to the delivery of goods to their final destination;
 - b. Deleted
 - c. the availability in India (Preferably in Andhra Pradesh) of spare parts and after-sales services for the equipment offered in the bid. To this extent the bidders shall give:
 - An undertaking for the uninterrupted supply of adequate spares for at least a period of 10 years shall be furnished.
 - An Undertaking Availability/ establishment of after sales service facility at least in (1) region of Andhra Pradesh to ensure uninterrupted after sales service during warranty period shall be confirmed. The details of service facility available / proposed to be set up shall be furnished with their bid.

27. Deleted

28. Contacting the purchaser.

- 28.1 Subject to clause 23, no Bidder shall contact the purchaser on any matter relating to the bid, from the time of the bid opening to the time, the contract is awarded.
- 28.2 Any effort by a Bidder to influence the Purchaser in the purchaser's bid evaluation, bid comparison or contract award decisions may result in rejection of the Bidders bid.

F. Award of Contract

29. Post - Qualification

Not Applicable

30. Award Criteria

- 30.1 Subject to clause 32, the purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

31. Purchaser's right to vary quantities at Time of Award

- 31.1 The purchaser reserves the right, at the time of award of contract to increase or decrease to any extent of the quantity of goods and services specified in the schedule of requirements without any change in price or other terms and conditions.

32. Purchaser's right to accept any Bid and to reject any or all Bids.

- 32.1 The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without there by incurring any liabilities to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.

33. Notification of Award.

- 33.1 Prior to the expiry of the period of the bid validity, the purchaser will notify the successful Bidder in writing by registered letter or cable or telex, duly confirming that the bid has been accepted.
- 33.2 The notification of award will constitute the formation of the contract.
- 33.3 Upon the successful Bidder's furnishing of performance security, pursuant to clause 34, the purchaser will promptly notify each unsuccessful Bidder and will discharge their bid security, pursuant to clause 15.

34. Signing of contract

- 34.1. Within 15 days of receipt of the notification of award the successful Bidder shall sign the contract.

35. Performance security

- 35.1 Within 15 days of the receipt of notification of award from the purchaser, the successful Bidder shall furnish the performance security in accordance with the conditions of contract, in the performance security form provided in the Bidding documents or another form acceptable to the purchaser and signs the agreement.
- 35.2 Failure of the successful Bidder to comply with the requirement of clause 34 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the purchaser may make the award to the next lowest evaluated bidder or call for new bids.

36 Fraud and corruption

- 36.1 It is the **purchaser's** policy that requires that the bidders, suppliers and contractors and their subcontractor observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the **purchaser**;

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

(i) **“corrupt practice”** is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) **“fraudulent practice”** is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) **“collusive practice”** is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

(iv) **“coercive practice”** is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) **“obstructive practice”** is

(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

(bb) acts intended to materially impede the exercise of the purchaser's inspection and audit rights provided for under sub-clause 36.2 (d) below.

- 36.2 The purchaser may, without prejudice to other terms of the bidding:

- (a) will reject a proposal for award if it determines that the bidder considered for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question;
- (b) will cancel the contract if the purchaser determines at any time that the bidder, supplier and contractors and their sub contractors engaged in corrupt, fraudulent, collusive, or coercive practices.
- (c) will sanction a firm or individual, including declaring ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing, a contract; and
- (d) will have the right to inspect the accounts and records of the bidders, supplier, and contractors and their subcontractors and to have them audited by auditors appointed by the Purchaser.

SECTION - III : GENERAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

<u>Clause Number</u>	<u>Topic</u>
1.	Definitions
2.	Application
3.	Country of Origin
4.	Standards
5.	Use of contract Documents and Information
6.	Patent Rights
7.	Performance Security
8.	Inspection and Tests
9.	Packing.
10.	Delivery and Documents
11.	Insurance
12.	Transportation
13.	Incidental services
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19.	Contract Amendments
20.	Assignment
21.	Subcontracts
22.	Delays in suppliers Performance
23.	Liquidated Damages
24.	Termination for Default
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26.	Termination for Insolvency
27.	Termination for convenience
28.	Resolution of Disputes
29.	Governing Languages
30.	Applicable Law.
31.	Notices
32.	Taxes and Duties.

Section III: General Conditions Of Contract

1. Definitions

1.1 In this contract, the following terms shall be interpreted as indicated;

- (a) "The contract" means the agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by references therein.
- (b) "The Contract Price" means the price payable to the supplier under the contract for the full and proper performance of its contractual obligations.
- (c) "The Goods" means all the equipment and / or other materials which the supplier is required to supply to the purchaser under the contract.
- (d) "Services" means services ancillary to the supply of the goods, such as transportation, insurance and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the supplier covered under the contract.
- (e) "An undependable Supplier/s' under contract means any Supplier who do not accept the purchase order or who delays the supply of required quantities beyond the permitted delays with liquidated damages
- (f) "The Purchaser or Corporation" means the APMSIDC, the purchasing agency
- (g) "The Supplier" means the individual or firm supplying the goods under this contract.
- (h) "The Government" means the Government of Andhra Pradesh or its authorized representatives
- (i) "The Project Site", where applicable means the place or places named in Schedule of Requirements
- (j) "The End-User" means the authorized user of the equipment/the Medical Superintendent/Head of the Department of the concerned specialty.
- (k) "Day" means calendar day
- (l) "Delivery period" means the period applicable up to completion of supply,
Installation and testing of the equipment and the training of the staff on the equipment, by the supplier at the Project site and accepted by the Purchaser or its representative

2. Application

- 2.1. These General conditions shall apply to the extent that they are not superseded by provisions in other parts of the contract.

3. Country of Origin: Deleted.

4. Standards

- 4.1 The Goods supplied under this contract shall conform to the standards mentioned in the Technical specifications and when no applicable standard is mentioned the authoritative standard appropriate to the goods country of origin shall be followed and such standard shall be the latest issued by the concerned institution.

5. Use of contract documents and Information

- 5.1 The supplier shall not without the purchaser's prior written consent, disclose the contract or any provision thereof or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the purchaser in connection therewith to any person other than a person employed by the supplier in performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchasers prior written consent make use of any document or information enumerated in para 5.1 except for purposes of performing the contract.
- 5.3 Any document other than the contract itself enumerated in para 5.1 shall remain the property of the purchaser and shall be returned (in all copies) to the purchaser on completion of the suppliers performance under the contract if so required by the purchaser.

6. Patent Rights

- 6.1 The supplier shall indemnify the purchaser against all third party claims of infringement of patent, trademark for industrial design rights arising from use of the goods or any part thereof in India..

7. Performance Security

- 7.1 Within 15 days after the supplier's receipt of notification of award of the contract, the supplier shall furnish performance security to the purchaser for the amount specified in the special conditions of contract.

- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract
- 7.3 The performance security shall be denominated in Indian Rupees and shall be in one of the following forms:
- (a) A bank guarantee [in favour of Managing Director, APMSIDC, Guntur] issued by any scheduled commercial bank located in India acceptable to the purchaser and in the form provided in the Bidding documents or in any other form acceptable to the purchaser: or.
 - (b) A Banker's cheque or Demand Draft in favour of Managing Director, APMSIDC, Guntur.
- 7.4 The performance security will be discharged by the *Purchaser* on submission of reports as mentioned in (Clause 15.7 Pg.no 25) and returned to the supplier not later than 60 days following the date of completion of the supplier's performance obligations, including any warranty obligations.
- 7.5 Deleted

8. Inspections and Tests.

- 8.1 The purchaser or his representatives shall have the right to inspect and / or to test the Goods to confirm their conformity to the contract. The special conditions of contract and / or the Technical specifications shall specify what inspections and tests the purchaser requires and where they are to be conducted. The purchaser shall notify the supplier in writing of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted in the premises of the supplier or its subcontractor(s) at point of delivery and/or at the goods final destination. Where conducted on the premises of the supplier or its subcontractor(s) all reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspectors at no charge to the purchaser.
- 8.3 Should any inspected or tested goods fail to conform to the specifications the purchaser may reject them and the supplier shall either replace the rejected goods or make alternatives necessary to meet specifications, requirements free of cost to the purchaser.
- 8.4 The purchasers right to inspect test and where necessary reject the goods after the goods arrival at site and shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by the purchaser or its representative prior to the goods shipment from the country of origin.

- 8.5 Nothing in clause 8 shall in any way release the supplier from any warranty or other obligations under this contract.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration where appropriated the remoteness of the Goods final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements, as shall be provided for in the contract and subject to clause 18 and any subsequent instructions ordered by the purchaser.

10. Delivery and Documents

- 10.1 Delivery of the Goods shall be made by the supplier in accordance with the terms specified by the purchaser in the Notification of Award.

11. Insurance

The goods supplied under the contract shall be fully insured in Indian Rupees against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the special conditions of contract.

12. Transportation

- 12.1 The supplier is required to deliver the goods to the destinations specified in the contract and the cost thereof shall be included in the contract price.
- 12.2 The transportation of the Goods after the delivery at the final destination shall be the responsibility of the Purchaser.

13. Incidental services.

- 13.1 The supplier is required to provide the following services, including additional services, if any, specified in SCC:

(a) Performance of the on-site assembly and start-up of the supplied Goods;

(b) Furnishing of tools required for assembly and maintenance of the supplied Goods;

(c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

(d) Performance of maintenance and repair of the supplied Goods, for a period of 10 years, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the users and maintenance personnel, in operation, maintenance and repair of the supplied Goods.

13.2 Prices charged by the Supplier for incidental services, if not included in the contract price of the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

14. Spare Parts:

14.1 As specified in the special conditions of contract, the supplier may be required to provide the following materials and notifications pertaining to spare parts manufacturer:

(a) Such of spare parts as the purchaser may select to purchase from the supplier providing that this selection shall not relieve the supplier of any warranty obligations under the contract and

(b) In the event of termination of production of the spare parts;

(i) advance notification to the purchaser of the pending terminating in sufficient time to permit the purchaser to procure needed requirements : and

(ii) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawing and specifications of the spare parts, if and when requested.

15. Warranty

15.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract. The supplier further warrants that the goods supplied under this contract shall have no defect arising from design materials or workmanship (except insofar as the design or material is required by the purchasers specifications) or from any act or omission the supplied goods in conditions obtaining in the country of final destination.

15.2 This warranty shall remain valid for 60 months after the goods or any portion thereof as the case may be have been delivered at the final destination

indicated in the contract, unless specified otherwise in the special conditions of the contract. The warranty period starts from date of commissioning after installation by the firm.

- 15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof without cost to the purchaser other than, where applicable, the cost of inland delivery of the repaired or replaced goods or parts from the port of entry to the final destination.
- 15.5 If the supplier, having been notified, fails to remedy the defect (s) within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the suppliers risk and expenses and without prejudices to any other right which the purchaser may have against the supplier under the contract.
- 15.6 Site Visits: The successful tenderer shall visit each User Institution as part of preventive maintenance as per the frequency mentioned under cl.5.1.(Pg.No.6) during the warranty period. The tenderer shall attend any number of break down/repair calls as and when informed by the Tender Inviting Authority/User Institution.
- 15.7 During every visit, a copy of the service report/break down call report, duly signed by the custodian of the equipment/head of the health care institution and stamped shall be forwarded by email/fax/post to the APMSIDC office within 10 days from the due date.
- 15.8 A warranty certificate (as per format in Annexure III) duly signed and with proper stamp of the institution concerned and also signed by the authorized signatory with the stamp of the successful tenderer shall be submitted to the Tender Inviting Authority for keeping it under safe custody along with the Installation Certificate. A copy of the original warranty papers has to be given to the institution head concerned.
- 15.9 The tenderer shall submit the activities to be carried out during the preventive maintenance visit as per the format in Annexure IV.

16. Payment

- 16.1 The method and conditions of payment to be made to supplier under the contract shall be specified in the special conditions
- 16.2 The Suppliers request (s) for payment shall be made to the purchaser in writing accompanied by an invoice describing as appropriate the goods delivered and the services performed and by shipping document, submitted pursuant to clause 10, and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser within sixty (60) days of submission of the invoices / claims by the supplier duly furnishing the certificate specified in the bid document from the competent authority.
- 16.4 Payment may be made through Indian Currency/ US Dollar / Euro / GBP/ Japanese Yen, currency against amount as quoted in the tender by way of irrecoverable foreign Letter of Credit issued by any Scheduled and Nationalized Bank. Payments in case of bids received, in foreign currency may be made in US Dollar / Euro / GBP/ Japanese Yen, by way of foreign letter of credit amount as quoted in tender.

The source of exchange for arriving the L1 calculation the foreign currency can be converted into INR, considering the exchange rate as on the same day of Price bid opening day.

17. Prices

- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not with the exception of any price adjustments authorized by the special conditions of contract, vary from the prices quoted by the supplier in its bid.

18. Change Orders

- 18.1 The Purchaser may at any time by written orders given to the supplier pursuant to clause 31 , make changes within the general scope of the contract in any one or more of the following;
- (a) drawings, designs or specifications, where goods to be furnishing under the contract are to be specifically manufactured for the purchaser;
 - (b) the method of shipping or packing;
 - (c) the place of delivery; or
 - (d) the services to be provided by the supplier;
- 18.2 If any such changes causes an increase or decrease in the cost of or the time required for the suppliers performance of any part of the work under the contract, whether changed or not changed by the order, an equitable adjustment shall be made in the contract price or delivery schedule or both and the contract shall accordingly be amended. Any claims by the supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the suppliers receipt of the purchasers change order.

19. Contract Amendments

- 19.1 Subject to clause 18, no variation in an modification of the terms of the contract shall be made except by written amendment signed by the parties.

20. Assignment

- 19.2 The supplier shall not assign in whole or in part, its obligations to perform under the contract, except with the purchasers prior written consent.

21. Sub-contracts

- 21.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under the contract if not already specified in his bid. Such notification, in his original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

22. Delays in the suppliers performance

- 22.1 Delivery of the goods and performance of the services shall be made by the supplier in accordance with the time schedule specified by the purchaser in its schedule of requirements.
- 22.2 Any unexcused delay by the supplier in the performance of its delivery obligations shall render the supplier liable for any or all of the following; i.e. forfeiture of its performance security, imposition of liquidation damages and or termination of the contract for default.
- 22.3 If at any time during the performance of the contract, the supplier or its subcontractor (s) should encounter performance of the services the supplier shall promptly notify the purchaser in writing of the fact of the delay its likely duration and its causes. As soon as practicable after receipt of the suppliers notice, the purchaser shall evaluate the situation and may at its discretion extend the suppliers time for performance, in which case the extension shall be ratified by the parties by amendment of the contract.

23. Liquidated Damages

- 23.1 Subject to clause 25, if the supplier fails to deliver any or all of the goods within the time period specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damages, an amount as specified in the SCC for the period of delay, until actual delivery or performance, up to a maximum deduction of **10 percent of the total contract value**. Once the maximum is reached, the purchaser may consider termination of the contract.

24. Termination for Default

- 24.1 The purchaser may, without prejudice to any other remedy for breach of contract by written notice of default sent to the supplier, terminate the contract in whole or part:
- (a) if the supplier fails to deliver any or all of the goods within the time periods specified in the contract or any extension thereof granted by the purchaser pursuant to clause 22; or
 - (b) if the supplier fails to perform any other obligations under the contract.
- 24.2 In the event the purchaser terminates the contract in whole or in part, 24.1 the purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar Goods. However, the supplier shall continue the performance of the contract to the extent not terminated.

25. Force Majeure

- 25.1 Notwithstanding the provisions of clauses 22,23,24, the supplier shall not be liable for forfeiture of its performance security liquidated damages or termination or default, if and to the extent that, its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure.
- 25.2 For purposes of this clause "Force Majeure" means an event beyond the control of the supplier and not involving the suppliers fault or negligence and not foreseeable. Such events may include but are not limited to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, floods, epidemics, quarantine restrictions and freight embargoes.
- 25.3 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the purchaser in writing the supplier shall continue to perform its obligations under the contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for Insolvency.

- 26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier, if the supplier becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Termination for convenience.

- 27.1 The purchaser, may by written notice sent to the supplier terminate the contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the purchasers convenience the

extent to which performance of work under the contract is terminated and the date upon which such termination becomes effective.

- 27.2 The goods that are complete and ready for shipment within 30 days after the suppliers receipt for notice of termination shall be purchased by the purchaser and the contract terms and prices. For the remaining goods the purchaser may elect.
- (a) to have completed and delivered at the contract terms and prices; and / or
 - (b) to cancel the remainder and pay to the supplier and agreed amount for partially completed goods and for materials and parts previously procured by the supplier.

28. Resolution of Disputes

- 28.1 The purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- 28.2 If after thirty (30) days from the commencement of such informal negotiations the purchaser and the supplier have been unable to resolve amicably contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the special conditions of contract. These mechanisms may include but are not limited to conciliation, mediation by third party justification in an agreed national or international forum and / or international arbitration. The mechanism shall be specified in the special conditions of contract.

29. Governing Language

- 29.1 The contract shall be written in English language, as specified by the purchaser in the instructions to bidders. Subject to clause 30, English language version of the contract shall govern

30. Applicable law

- 30.1 The contract shall be interpreted in accordance with the laws of the union of India and the legal jurisdiction is Hyderabad

31. Notices

- 31.1 Any notices given by one party to the other pursuant to the contract shall be sent in writing and confirmed in writing to the address specified for that purpose in the special conditions of the contract. A notice shall be effective when delivered or on the notices effective date, whichever is later.

32. Taxes and duties

- 32.1 The rates quoted by the bidder shall be deemed to be inclusive of the sales and other taxes that the bidder will have to pay for the performance of this contract, at the prevailing rates notified by the Government. The purchaser will perform such duties in regard to the deduction of such taxes at source as per applicable law.

SECTION - IV: SPECIAL CONDITIONS OF CONTRACT

TABLE OF CLAUSES

(The corresponding clause number of the General condition is in parenthesis)

<u>Item. No.</u>	<u>Topic.</u>
2.	Definitions (Clause - 1)
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17.	Notices (Clauses 31)
18.	Comprehensive Maintenance Contract
19.	Actions against Misconduct of the Supplier
20.	Progress of Supplies

Section IV: Special Conditions of the Contract

1. The following special conditions of contract shall supplement the general Conditions of contract. Whenever there is conflict, the provisions herein shall prevail over those of the general conditions of contract the corresponding clause number of the general conditions in parentheses.

2. Definitions (Clause I)

(a) The Purchaser is : The Managing Director, APMSIDC, Mangalagiri, Guntur.

(b) The Supplier is : -----

3. Country of origin (Clause 3): All goods and related services to be supplied under the contract / agreement shall have their origin in India or any other country with which India has not banned trade relations.

4. Performance security (Clause 7)

4.1 Performance security is 5% of the contract value and shall be valid up to 60 days after the date of completion of performance obligations including warrant obligations, as applicable.

4.2 Add clause 7.5 to the GCC as the following:

In the event of any contract amendment, the supplier shall within 7 days of receipt of such amendment furnish the amendment to the performance security rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter

5. Inspection and Tests (clause 8)

The following inspection procedures and tests are required by the Purchaser:

5.1 The Supplier shall get each equipment inspected by a competent authority in manufacturer's works and also provide a guarantee/warranty certificate that the instrument conforms to all specifications contained in the contract.

5.2 The *Purchaser* or its representative may inspect and/or test any or all the equipment to confirm their conformity to the Contract specifications, prior to dispatch from the manufacturer's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the equipment on receipt at destination.

5.3 However, on arrival of the equipments at destinations, the purchaser or its representative shall have the right to inspect and/or test any or all the equipments to confirm their conformity to the contract.

5.4 If the equipment or its performance is not as per specified conditions, deficiency or replace the equipment (s) to the satisfaction of the purchasers representative.

1. Packing (Clause 9)

The Supplier will be required to mark separate packages for each consignee on three sides with proper paint/indelible ink, the following: i. Name of the contract, ii. Contract No., iii. Country of origin of Goods, iv. Supplier's Name and v. Packing of list reference number

2. Delivery and Documents (Clause 10)

- (i) Three copies of the Supplier invoice showing Goods description, quantity, unit price, total amount;
- (ii) Railway receipt/acknowledgement of receipt of goods from the Consignee
- (iii) Manufacture's/Supplier's Warranty and Factory Test certificate;
- (iv) Acceptance Certificate issued by the End-User
- (v) Inspection Certificate issued by the nominated inspection agency, as applicable

3. Insurance (Clause 11)

i) **For delivery of goods at site, the insurance shall be obtained by the Supplier at his cost for an amount equal to 110% of the value of the goods from "warehouse to warehouse" on "All Risks" basis including war Risks and Strike clauses period in the name of consignee authorized by the purchaser i.e. M.D. APMSIDC. The supplier shall also provide insurance coverage against fire and theft in the name of consignee upto end of the warranty period.**

ii) **To submit a copy of insurance document duly attested by the consignee to APMSIDC along with bills for making payment. Otherwise the bills may not be processed.**

4. Incidental Services (Clause 13)

No additional services are required to be provided over the services already covered under clause 13 of GCC.

5. Spare parts: (Clause 14)

Add as clause 14.2 to the GCC the following:

Supplier shall carry sufficient inventories to assure ex stock supply of consumables spares such as gaskets, plugs, washers, belts etc., other spare parts and components shall be promptly as possible but in any case within (3) days of placement of order.

6. Warranty (Clause 15)

- 11.1 In partial modification of the provisions, the warranty period shall be 05 Years after the Goods, or any portion thereof, as the case may be, have been delivered at site, installed, commissioned, successfully tested and accepted by the Purchaser or its authorized representative
- 11.2 Substitute Clause 15.4 of the GCC with the following:
- Upon receipt of such notice, the Supplier shall within 3 days, 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 at the time of their replacement.
- 11.3 If the supplier has not done repair/replacement within the time specified above the purchaser will assess the cost of having the repairs/replacements done and the supplier will pay this amount.
- 11.4 Overall an uptime guarantee of 95% shall be maintained out of total usage period of the equipment by the end users during the warranty period
- 11.5 All software updates, if any required, should be provided free of cost during Warranty period.

7. Payment (Clause 16)

- 12.1 Payment may be made through Indian Rupees/US Dollar/ Euro/ Japanese Yen/ GBP, against irrecoverable Letter of Credit issued by any Scheduled and Nationalized Bank. Payments in case of bids received in foreign currency may be made in US dollars/any other foreign currency, by way of foreign letter of credit as quoted in the tender as follows:
- Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

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

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

a) On delivery:

70 % payment of the invoice amount shall be released on receipt of goods in good condition

and upon the submission of the following documents:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Two copies of packing list identifying contents of each package;
- (iii) Inspection certificate issued by the nominated Inspection agency, if any.
- (iv) Insurance Certificate;
- (v) Certificate of origin.
- (vi) Manufacturer's/Supplier's warranty certificate

b) On Acceptance:

Balance 30 % payment shall be released subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise and satisfactory completion and commissioning to the satisfaction of Hospital Authority.

B) Payment for Imported Goods:

Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner, excluding Customs Duty.

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

a) On Shipment:

Seventy (70) % of the net CIF price of the goods shipped shall be released upon submission of documents specified hereunder:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the negotiable clean, on-board Air-way Bill / Bill of Lading, marked freight pre paid and four copies of non-negotiable Air-way Bill / Bill of Lading;
- (iii) Four Copies of packing list identifying contents of each package;
- (iv) Insurance Certificate.
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
- (vii) Manufacturer's own factory inspection report and
- (viii) Certificate of origin issued by the chamber of commerce of the concerned country;
- (ix) Certificate that the equipment is not refurbished

b) On Acceptance:

Balance payment of Twenty (30) % of net CIF price of goods shall be released after successful installation subject to recoveries, if any. The Installation report is to be signed by both HOD and BME.

All the above certificates, shipping documents, equipment brochures, manuals, product, data catalogue etc., as enumerated should be sent to us by courier service so as to arrive in advance of the equipment consignment.

Installation Certificates (Annexure 1), warranty certificate (Annexure III), copy of insurance document duly attested by the consignee to APMSIDC, calibration, quality assurance certificate test certificate if required as per technical specification after completion of all the performance obligations. and performance satisfactory report (Annexure-II), obtained from the Head of the institute or concerned authorities.

In case any difficulty is experienced by the successful tenderer in obtaining three month performance certificate from any of the User Institution after the installation of the equipment, the same shall be brought to the notice of the Tender Inviting

Authority immediately in writing. In such event(s), if the Tender Inviting Authority is convinced, the reasons are beyond the control of the successful tenderer, the Tender Inviting Authority, in case of supply orders placed by it, shall release payments at its discretion. In such case the letter sent to the Tender Inviting Authority shall be submitted along with the invoices while claiming payment

12.3 Deleted

8. Prices (Clause 17)

Prices payable to the Supplier as stated in the Contract shall not be subject to adjustment during performance of the Contract.

9. Sub-contracts (Clause 21)

Add at the end of sub-clause 21.1 of the GCC the following. "Sub-contract shall be only for bought-out items and sub-assemblies".

10. Liquidated Damages (Clause 23)

15.1 For delays

Substitute Clause 23.1 of the GCC by the following:

Subject to clause 25 of GCC, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5 percent of the delivered price of the delayed Goods or unperformed Services for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of **10% of the total Contract value**. Once the maximum deduction is reached, the Purchaser may consider termination of the Contract.

15.2 For Short fall in Equipment Maintenance services

Any major repair intimated by the *Purchaser or the end-user* shall be rectified by the Supplier from the date of intimation within a period of 3 calendar days and repair the equipment to the satisfaction of the Purchaser or the End User. Failing which the Purchaser has a right to levy a penalty on the Supplier a sum of Rs.10,000/- per day of delay, until the equipment is repaired and brought to the normal working condition to the satisfaction of the Purchaser.

11. Resolution of Disputes (Clause 28)

Add as Clauses 28.3 and 28.4 of the GCC the following:

28.3 The dispute resolution mechanism to be applied pursuant to clause 28 of the General Conditions shall be as follows:

- (a) In the case of dispute or difference arising between the Purchaser and a Domestic Supplier relating to any matter arising out of or connected with this agreement, such dispute or difference shall be referred to the award of two Arbitrators, one Arbitrator to be nominated by the Purchaser and the other to be nominated by the Supplier or in the case of the said Arbitrators not agreeing, then at the award of an Umpire to be appointed by the Arbitrators in writing before proceeding with the reference, and in case the Arbitrators cannot agree to the Umpire, he may be nominated by the Arbitration committee of the Indian Council of Arbitration, India. The award of the Arbitrators, and in the event of their not agreeing, of the Umpire appointed by them or by the Arbitration Council of India, India, shall be final and binding on the parties.
- (b) The Indian Arbitration Act 1996, the rules there under and any statutory modification or re-enactments thereof, shall apply to the arbitration proceedings.

28.4 The venue of arbitration shall be the place from where the Contract is issued.

12. Notices (Clause 31)

For the purpose of all notices, the following shall be the address of the purchaser and supplier.

Purchaser: The Managing Director, APMSIDC, 2nd Floor, Plot No:09, survey number: 49, IT Park, Mangalagiri, Guntur District- 522503

Supplier: (To be filled in at the time of Contract Signature)

13. Comprehensive Maintenance Contract (CMC)

- a. The Comprehensive Maintenance Contract includes 2 visits in a year preventive maintenance visits and all the distress calls during the year and also include the probable cost of spares required towards the repairs carried out to bring a not working equipment to its normal working condition, during the year.

14. Actions Against the Misconduct of the Supplier

- .1 A Supplier found being supplied similar items with similar tender conditions to any other agency in the country during the validity of the contract with the APMSIDC, at a rate lower than the rate at which they supplied under this tender, the difference amount is liable to be recovered apart from blacklisting the firm for a minimum period of 3 years. The Supplier should furnish undertaking (Annexure-

XIII) that they will remit the differential cost, if they quote lower rate than the rate quoted to the APMSIDC to any other agency or department or state, during the period of contract

- .2 Any substandard supplies without meeting the quality specifications made under the contract shall also entail blacklisting of the firm for a minimum period of three years for that particular product.
- .3 If the bidder fails to demonstrate on asked to do so, of the products quoted with their bid, without any valid or convincing reason to the satisfaction of the Purchaser, the bids for other items offered against the bid notice will not be considered and he may be debarred for a certain period as decided by the Purchaser.

15. Progress of Supply

Supplier shall intimate progress of supply, in writing, to the Purchaser as under :

- Qty offered for inspection and date;
- Qty. accepted/rejected by inspecting agency and date;
- Qty. dispatched/delivered to consignees and date;
- Qty. where incidental services have been satisfactorily completed with date;
- Quantity where rectification/repair/replacement effected/completed, on receipt of any communication from consignee/Purchaser with date;
- Date of completion of entire Contract including incidental services, if any; and
- Date of receipt of entire payments under the Contract.

SECTION V

SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

Sl. No.	Name of the Equipment	Qty	Warranty (in Years)	CMC (in Years)	EMD (in Rs.)	Average Annual turnover of the Authorized Bidder in the last three years i.e. 2019-20, 2020-21, 2021-22
1.	Equipment Required for Pediatrics	1	As mentioned, specifications		48,000	40,59,000
2.	Equipment's Required for Dental – Materials & Consumables	1			1,00,000	1,62,00,000
3.	Dental Consumables	1			1,00,000	86,37,000
4.	Equipment's required for Physiotherapy / Occupational therapy	1			1,00,000	86,37,000
5.	Equipment's Required for Play Area & Physiotherapy/occupational therapy	1			1,00,000	86,37,000
6.	Equipment's Required for Laboratory	1			1,14,000	95,24,000
7.	Equipment required for Office	1			1,08,000	90,16,000
8.	Equipment Required for Sensory Integration	1			1,11,000	93,23,000

Note: Bidders who are having any pending court cases / legal disputes against the APMSIDC before any court of law / authority, are not eligible to participate in the tender. In this regard If any ambiguity arise, the decision of tender inviting authority (APMSIDC) is final

Processing fee: The participating bidders will have to pay tender processing fee (non-refundable) of **Rs. 11,800/-** in the form of Demand Draft drawn in favour of Managing Director, APMSIDC, Guntur.

Note: If the bidder quotes more than one Group of item, then the bidder must have an average annual turnover equal to the sum of the average annual turnovers mentioned against each equipment. However, a bidder having an average turnover of 2 Crores in the last three financial years and EMD 3 lakhs shall be eligible to bid for any number of groups for the above list.

1. To allow the authorized distributors duly obtaining an agreement/ MOU from the Manufacturer for binding on Post Supply Services i.e. Warranty, etc., and on agreement executed by the authorized distributor with the Corporation. Further an undertaking from Manufacturer to take responsibility in case of authorized distributor's failure in performing the Contractual Obligations also may be obtained. Proforma will be provided.
2. EMD of As per Tender document in **online/DD/BG** only.

Technical Specifications

General Information

1. Bidders are requested to offer the equipment as per the specifications attached.
2. For each item of equipment, the bidder should include all the cost associated with fixing, cables, connectors, accessories and ancillary items necessary for the satisfactory operation of that item of equipment. Bidders should make the provisions of starter packs for consumables for demonstration and three months of operation period for the supplied equipment.
3. Spare parts list, listing spare likely to be required for (10) years operations shall be attached with the Bid
4. (i) Bidders are requested to provide, referenced by given equipment code and item name, with their tender offer, the following information for all the items of equipment offered.
 - Name of the Manufacturer
 - Brand Name & Model Number
 - Country of Origin(ii) Catalogue, Pamphlet, descriptive literature, spare parts list and technical specifications for each unit of item must be forwarded with the offer.
5. Operating Environment:

Electrical Supply: The Equipment supplied shall be suitable in all respect for use on the local electricity supply of 200- 270 Volts, 50 Cycles. A suitable stabilizer/CVT to be offered as an optional accessory in case of specific Voltage requirement for the supplied Equipment. Resettable over current breaker shall be fitted for protection wherever applicable.

Humidity: The unit shall be capable of operating continuously in ambient temperature of 30⁰ C and relative humidity of around 80%.
7. After Sales Service:

Bidders are requested to confirm in writing in their bid offer the after sales service they would provide, after the expiry of one year warranty period. The maintenance capability of the bidders currently existing in Hyderabad and A.P. should also be clearly stated.
8. All items should be of high quality, durable, and suitable for use in a Hospital. The technical specification and standards of each item delivered shall be that currently in use at the time of delivery.
 - a) Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450.

- b) Radiation safety: Safety aspects of Radiation dosage leakage should be spelt out and all the X-ray related products should comply with AERB Guidelines for radiation leakage.

10 The Manufacturer, must have necessary quality certifications for processes such as ISO 9001 Quality Management System for Organization and ISO 13485 Quality Management System for Medical Device.

- b) Full Quality Assurance System Approval certificate Management System Certification for Medical Devices and their equivalent International Standards certificates as BIS/CE/USFDA etc.

11. If the bidder fails to demonstrate any of the products quoted, the bid for that product would be considered as withdrawn and suitable action will be taken as per the Clause 15 of ITB. i.e., forfeiture of the Bid security and also the bidder may be debarred for a certain period as decided by the Managing Director.

Note:

- 1. The bidder should submit the details of spares which are covered or not covered under warranty.**
- 2. The bidder should also submit the detailed price list for all spares.**
- 3. The above items have supply to 34 DEIC centers in Andhra Pradesh.**

DEIC/TEIC – REQUIRED EQUIPMENT					
Sl. No.	Item Sl. No.	Item Name	Qty	Warranty	CMC
(I) Equipment Required for Paediatrics					
	Sl. No.	Equipment's			
1	a	Paediatrics stethoscope (2 per DEIC)	32	1	-
2	b	Sphygmomanometer with paediatric cuff	16	1	-
3	c	Direct ophthalmoscope	5	3	4
4	d	Paediatric Auroscope	22	3	4
5	e	Ear speculum	23	1	-
6	f	Magnifying Glass - Medium	23	1	-
7	g	Weighing Machine (both baby and adult)	15	1	-
8	h	Knee Hammer	26		
(II) (a) Equipment's Required for Dental – Materials & Consumables					
9	a	Forceps set for extraction (Pedodontic)	17	1	-
10	b	Wall Mounted Dental x ray with RVG	16	3	4
11	c	Table top Front-Loading autoclave (electrical)	6	3	4
12	d	Forceps set for extraction (Adults)	4	1	-
13	e	Restorative Filling and Carving Instrument: Set	7	1	-

14	f	Elevators set of 10 (Ten)	2	1	-
15	g	Contra angle handpiece	3	1	-
16	h	Dental Ultrasonic Scaler (complete set)	3	1	-
17	i	Composite Filling Instruments	7	1	-
18	j	Dental Electric Brushless Micromotor	11	3	4
19	k	LED Curing Light source	7	1	-
20	l	Automatic Water Distiller	17	1	-
21	m	Mallet	31	1	-
22	n	Needle Holder	29	1	-
23	o	Bone Chisel	13	1	-
24	p	X-ray viewer	32	1	-
25	q	Stainless steel Bin (Surgical)	18	1	-
26	r	Hand Scaler (complete set)	6	1	-
27	s	Portable dental darkroom	16	1	-
28	t	Mortar and Pestle	23	1	-
29	u	Lead apron	34	1	-
30	v	Mouth Mirrors (Pack of 10)	34	1	-
31	w	Probes (Pack of 10)	26	1	-
32	x	Explorers (Pack of 10)	20	1	-
33	y	Tweezers (Pack of 10)	22	1	-
34	z	Cheatle forceps	26	1	-
35	a1	Plastic Cheek Retractors	30	1	-
36	b1	Mouth Props (Adult + Pediatric) set of 2	25	1	-
37	c1	Cement Spatula	18	1	-

38	d1	Matrix Band and Retainer (both no. 1 & 8)	10	1	-
39	e1	Dental Impression Trays (upper and lower)	2	1	-
40	f1	Rubber Bowls	24	1	-
41	g1	Plaster Spatula - Straight and Curved	23	1	-
42	i1	Glass slab	20	1	-
43	j1	Scalpel handle	28	1	-
44	k1	Glass dappen dish	26	1	-
Sl. No. (b) Dental Consumables					
45	a2	Developer and Fixer	34	1	-
46	b2	ZNO + Eugenol (110 gm)	26	1	
47	c2	GIC filling (15gm powder / 8g liquid)	13	1	
48	d2	GIC luting (15gm powder / 8g liquid)	16	1	
49	e2	Impression material alginate dust free (450g)	34	1	
50	f2	Plugger 15-4 assorted set	16	1	
51	g2	Polishing paste (100g)	34	1	
52	h2	Burs assorted for contra angle handpiece (round, taper fissure, inverted cone)- 1 set	17	1	
53	i2	Composite kit with etchant and bonding agent	17	1	
54	j2	Composite syringes individual	16	1	

55	k2	Composite finishing and polishing kit	16	1
56	l2	Dental IOPA X ray film Pedo - 1 Box	16	1
57	m2	Dental IOPA x ray film adult (size 2) (E speed)	16	1
58	n2	Diamond burs - Airotar handpiece-assorted	13	1
59	o2	Disposable dental suction tips (100 tips)	18	1
60	p2	G.P points 15-80 assorted set	34	1
61	q2	H file set assorted 15-40, 45-80 (21 mm)	34	1
62	r2	Kfile set assorted 15-40, 45-80 (21mm)	34	1
63	s2	Mylar strip (8mm, 100 strips pack)	27	1
64	t2	Polishing brush and cup set of 5	31	1
65	u2	Plaster of Paris (5 KG)	34	1
66	v2	Zinc oxide powder (110g)	29	1
67	w2	Applicator tips for bonding agent	16	1
68	x2	Pit and fissure sealant	16	1
69	y2	Zinc phosphate cement	16	1
70	z2	Etchant gel 37% phosphoric acid gel (9 ml)	34	1
71	a3	Dentin bonding agent (6g)	29	1
72	b3	Form cresol (30 ml bottle)	34	1

73	c3	Calcium hydroxide powder	34	1
74	d3	Topical fluoride varnish	34	1
75	e3	Matrix band no 1	34	1
76	f3	Matrix bond no 8	34	1
77	g3	Wedges wooden	34	1
78	h3	Green loth bags for autoclaving instruments	34	1
79	i3	Black silk suture 3 "o"	34	1
80	j3	BP blade no. 15 (set of 20)	34	1
(III – A) Equipment's required for Physiotherapy / Occupational therapy				
81	1	Therapy ball	24	1
		(a) 65 cm (b) 45 cm		
82	2	Therapy mats- 6ft x 3ft	30	1
83	3	Bolster (a) 2ft long, diameter 8' inch (b) 2ft long, diameter 10' inch	23	1
84	4	Small roll - 13-inch-long, Diameter -3 inch	26	1
85		Prone Wedge (a) Big height -	12	1
		(b) Small- height		
86	6	Balance Board	13	1
87	7	Kaye - Walker (Height - 48 - 64 cm)	16	1
88	8	Trampoline	15	1
89	9	Bolster Swing	14	1
90	10	Wooden Benches with cushion and Rexine Cover	16	1
91	11	Splints (Ankle Foot Orthosis)	17	1

92	12	Special Chairs with cut - out Tray (Tailor made according to need of the child)	16	1
93	13	Theraputty (Big)	34	1
94	14	Peg board	27	1
95	15	Ball pool	17	1
96	16	Ball of different size	15	1
97	17	Gaiters (set of 16 for each 16 DEIC)	256	1

(III-B) Equipment's Required for Play Area & Physiotherapy/occupational therapy

	Sl. No.	Equipment's		
98	a	Swing	15	1
99	b	Slides	14	1
100	c	See Saw	16	1
101	d	Tunnel length 6 ft	16	1
102	e	Tricycle	15	1
103	f	Locally suitable toys (Set of 3)	17	1
104	g	Toys (For play and stimulation)	19	1
105	h	Small rattles	28	1
106	i	Squeaky	29	1
107	j	Puja bell (Clapper bell)	23	1
108	k	Soft toy	24	1
109	l	Brush for tactile stimulation	28	1
110	m	Thick handle spoon	22	1
111	n	Thick handle bent spoon	27	1
112	o	Plastic spoon with long handle (for babies)	30	1
113	p	Plastic glass with rim cut on one side	30	1
114	q	Stainless steel plates with high time	31	1

115	r	Spouted cups	29	1	
(IV) Equipment's Required for Laboratory					
	Sl. No.	Equipment's			
116	a	Automated Blood Cell Counter (3 Part)	16	3	4
117	b	Microscope	16	3	4
118	c	Semi-automated Analyzer	16	3	4
119	d	Digital Hemoglobinometer	16	3	4
120	e	Test tubes (Pack of 100)	34	-	-
121	f	Empty Vials (Pack of 100) - 10ml	34	-	-
(V) Equipment required for Office					
	Sl. No.	Equipment's			
122	1	Desktop and UPS	16	3	4
123	2	All in One (Printer + Scanner + Photocopier)	16	3	4
124	3	Android Television (40 - 50 Inc) 50	34	3	4
125	4	Computer Table	16	3	-
(VI) Equipment Required for Sensory Integration					
126	1	Pin spot and Mirror Ball Bundle	16	1	-
127	2	Mirror ball motor	16	1	
128	3	LED Mirror Ball	16	1	
129	4	Fire ball - mounted on the roof	16	1	
130	5	Sound Activated Light	16	1	
131	6	LED Bubble Tube	16	1	

132	7	OPTIC Fibres (per 1000 mts) Rs. 12/- per meter	16	1	-
133	8	Blue LED Lights	16	1	
134	9	150 Bulb Blue LED Light Chain	16	1	
135	10	Bubble Tube	16	1	
136	11	Rotating Drum	16	1	
137	12	Chime Frame and Beater	16	1	
138	13	Mirror Chime bout	16	1	
	14	Swings:		1	
139	a	Bolster Swing	14	1	
140	b	Platform Swing	15	1	
141	c	Tyre Tube Swing	16	1	
142	d	Rope Ladder Swing	15	1	
143	15	Rhythmic Rocker	17	1	
144	16	Balance boards	15	1	
145	19	Bean bags including white toys	18	1	
146	20	Real size animal toys (set of 2)	18	1	

NOTE :

The following conditions are not applicable for the following category

Sl. No	Document Description	Item Category
1	Memorandum of Articles	General & Chemical Items
2	Past Performance Details Format B1	
3	End-User Certificates or CA Certificate as per Format B2	
4	Manufacturers Authorization, wherever required	
5	The Manufacturer, must have necessary quality certifications ISO 13485 (Quality Management System for Medical Devices)	
6	Full Quality Assurance System Approval certificate Management System Certification for required items and their equivalent International Standards certificates, Relevant certificates ISI/BIS/CE/USFDA.	

SECTION – VI

PRE - QUALIFICATION CRITERIA

(Referred to in clause 13.3 of ITB)

I. Terms of Qualification for Equipment:

The Authorized Distributor or manufacturer should have supplied equipment as specified in the schedule of requirements to any Indian Institutions, up to the following quantity in any one of the last three calendar/financial years and completed the supplies within the stipulated delivery period. The Supplied units should be in working condition without any adverse remarks for the last two years as on the date of bid notification.

- (a). at least equal of the quantity offered or 25, whichever is lowest, if the tender quantity is ≤ 49 (or)
- (b). at least 50% of the quantity offered or 70, whichever is lowest, if the tender quantity is between 50 and 199
- (c). at least 35% of the quantity offered or 125, whichever is lowest, if the tender quantity is between 200 and 499
- (d). at least 25% of the quantity offered, if the tender quantity is > 500

- The bidder should furnish the information on past supplies and satisfactory performance in the proforma given under Section XI- Format B1, duly attested by the Bid signatory
- Bidders shall invariably furnish documentary evidence (End-user Certificate) in support of the satisfactory operation of the equipment as specified or a CA/Statutory auditor Certificate to that extent as per the format provided in the Section XI- Format B2
- The Bidder shall have an Avg. annual turnover in the last three financial years of not less than the amount specified against each item in the Schedule of the Requirements and also to have a positive net worth as per the latest Annual Accounts.
- Towards the above, the bidder should furnish data as per the Format (B3) given in Section- XI, to support that he has the financial capacity to perform the contract. Further the bidder as to submit the corresponding Balance Sheets and Profit and Loss Accounts for verification
 - a) The Manufacturer, must have necessary quality certifications for processes such as ISO 9001 Quality Management System for Organization and ISO 13485 Quality Management System for Medical Device.
 - b) Full Quality Assurance System Approval certificate Management System Certification for Medical Devices and their equivalent International Standards certificates as BIS/CE/USFDA etc.

II. Terms of Disqualification:

1. The Bidders who has withdrawn their bids in any of the previous tenders of APMSIDC
2. A bidder who is placed on the black-list by either APMSIDC or by any other State /Central government's department or organization for the product offered with his bid in the last 3 years
3. A bidder who is placed on the black-list by either APMSIDC or by any other State / Central government's department or organization in the last 3 years
4. A bidder who is currently blacklisted / debarred either by APMSIDC or by any State Government or Central Government Department or Organization
5. The bidder who has been declared as 'undependable supplier' for two (2) items or in two (2) instances in the last one year by the APMSIDC and
6. The bidders against whom there have been reports of substandard Equipment and/or service are liable for disqualification.

Note: In all the above cases, the disqualification cut-off date will be till the contract is signed

III. Not with standing anything stated above, the purchaser reserves the right to assess the Bidders capabilities and capacity to perform the contract should circumstances warrant such an assessment in the overall interest of the purchaser deciding on award.

SECTION – VII (A): BID FORM

(Name and Address of Purchaser)

Date _____

To
The Managing Director,
APMSIDC, Mangalagiri, Guntur.

Contract No. _____

Gentlemen:

Having examined the Bidding Documents including Addenda No. _____ the receipt of which is hereby duly acknowledged, we, the under-signed, offer to supply and deliver _____ (Description of Goods and Services) in conformity with the said Bidding Documents for the sum as given in the Price Bid (electronically) or such other sums as may be ascertained in accordance with the schedule of prices furnished and made part of this bid.

We undertake, if our bid is accepted, to commence delivery within 60 (Number) days and to complete delivery of all the items and perform incidental services as specified in the contract within 60 (Number days calculated from the date of receipt of your Notification of Award/Letter of credit.

If our bid is accepted we will obtain the guarantee of a bank in a sum not exceeding 5% of the Contract price for the due performance of the Contract

We agree to abide by this bid for a period of 90 (Number) days from the date fixed for bid opening under Clause 22 of the Instruction to Bidders and shall remain binding upon us and may be accepted at any time before the expiration of that period.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in India like "The Prevention of Corruption Act 1988"

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____

Signature: _____

(in the Capacity of) : _____

Duly Authorized to sign bid for and on behalf of

<https://tender.apcprocurement.gov.in/ViewItemFormatX.html#>

Item Code HELA		Item Name High Energy Linear Accelerator	
Item Description As per tender document		Item Specification As per tender document	

Add / Edit Cost Component Details

ID	Component Name	Type	Percentage / Amount
E001	CST	--SELECT--	
E002	Customs Duty	--SELECT--	
E003	Discount	--SELECT--	
E004	Entry Tax	--SELECT--	
E005	Excise Duty Including Cess	--SELECT--	
E006	Freight Charges	--SELECT--	
E007	Insurance Charges	--SELECT--	
E008	Other Charges, If any	--SELECT--	
E009	Packaging & Forwarding Charges	--SELECT--	
E010	VAT	--SELECT--	
E011	GST	--SELECT--	

Remarks

Total NIT Quantity	Offered Quantity (A)	Brand/Make/Model	Basic price Unit (INR) (B)	Basic price Unit(in Words)	Total Cost Component Unit (INR) (C)	Landed Price Per Unit (B+C)

Close

SECTION – VIII

To

The Managing Director
APMSIDC, Mangalagiri, Guntur.

Whereas _____
(hereinafter called "the Bidder" has submitted its bid dated _____ for
the supply of _____ (hereinafter called "the
Bid")

KNOW ALL MEN by these presents that WE _____
of _____ having our registered office
at _____ (hereinafter called the Bank") 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 _____.

THE CONDITIONS of this obligation are:

If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder
on the Bid form; or

If the Bidder, having been notified of the acceptance of its bid by the Purchaser
during the
period of bid validity:

- Fails or refuses to execute the contract form if required
- Fails or refuses to furnish the performance security, in accordance with the
Instruction to Bidders
- Does not accept the correction of the bid price pursuant to Clause 15.7(c).

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
owing to the occurrence of one or both of the two conditions, specifying the occurred
condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of the
bid validity, and any demand in respect thereof should reach the Bank not later than
the above date i.e., upto _____.

.....(Signature of the Bank)

SECTION – IX : CONTRACT FORM

THIS AGREEMENT made the _____ day of _____
between _____ (Name of Purchaser) of
_____ (Country of Purchaser) (hereinafter "the Purchaser")
of one part and _____ (Name of the
Supplier) of _____ (City and Country of Supplier)
(hereinafter "the Supplier") of the other part.

WHEREAS the Purchaser is desirous that certain Goods and ancillary services should be provided by the supplier, viz, _____ (Brief description of Goods and Services) and has accepted a bid by the supply of Goods and services in the sum of _____
(Contract price in Words and Figures) (hereinafter "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the conditions of Contract referred to;
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) The Technical and Price bid of the Supplier
 - (b) The approved Technical Specifications,
 - (c) The General Conditions of Contract,
 - (d) The Special Conditions of Contract, and
 - (e) The Purchaser's Notification of Award.
3. In consideration of the payments to be made by the purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provision of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. Brief particulars of goods and services which shall be supplied/provided by the Supplier are as under.

SL NO.	BRIEF DESCRIPTION TO GOODS & SERVICES	QUANTITY TO BE SUPPLIED	UNIT PRICE	DELIVERY TERMS

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS whereof the parties here to have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

in the presence of _____

Signed, sealed and Delivered by the

Said _____ (For the supplier)

In the presence of _____

SECTION- X: PERFORMANCE SECURITY FORM

To

The Managing Director
APMSIDC,
Mangalagiri, Guntur.

WHEREAS _____ (Name of the Supplier)
hereinafter called "the Supplier" has undertaken, in pursuance of Contract No.
_____ dated _____ to supply _____
(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

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 under take 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 limit 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.

This guarantee is valid until the _____ day of _____.

Signature and seal of Guarantors

Date _____

Address _____

SECTION XI

FORMAT B1: PROFORMA FOR PERFORMANCE (for a period of last three years)

(Please see Section VI: Qualification Criteria)

Bid No. _____ Date of Opening _____ Time _____ Hours

Name of the Firm _____

Order placed by _____ (Full address of Purchaser)	Order No	Date	Description of Item	Quantity of ordered Items.	Value of order	Date of completion of delivery		Remarks indicating reasons for late delivery, if any	Has the Supplier received full payment towards the supplies made
						Purchase terms	Actual		
1	2	3	4	5	6	7	8	9	10

Signature and seal of the Bid Signatory

SECTION XI

FORMAT B2

CA (STATUTORY AUDITOR) CERTIFICATE

(Please see Section VI: Qualification Criteria)

Certificate from the Statutory Auditor

This is to certify that (name of the Bidder) is a “Manufacturer/Authorized Distributor” of the required items offered under the Bid. The Bidder had supplied the quantities shown in the past performance statement and also completed the respective supplies within the stipulated delivery period/s.

Further it is certified that the previously supplied equipment are reported to be in working condition without any adverse remarks from the respective users and some are working for more than two year as per the records as on the date of this Tender notification.

The bidder has previous experience in maintenance and repairs of equipment for _____ years and has qualified service staff working with him”.

Name of Authorized Signatory:

Designation:

Name of firm:

(Signature of the Authorized Signatory)

Seal of the Firm

SECTION XI

B3- FINANCIAL CAPACITY OF THE MANUFACTURER

A. Details of Annual Turnover for Preceding 3 Years.

	Year 1 (2019-20)	Year 2 (2020-21)	Year 3 (2021-22)	Average Annual Turnover
Turn Over (In Rs. Crores)				

B. Details of Net Worth

	Year1 (Last Financial Year i.e. as on 31 st March 2012)
Paid up Capital (Rs. Cr)	
(Add) Free Reserves (Rs. Cr)	
Total Net Worth (Rs. Cr)	

(Signature of Bid Signatory)
Seal of the Firm

Certificate from the Statutory Auditor

This is to certify that(name of the Bidder) has an average annual turnover (in the last three financial years) and Net Worth (in the last financial year) as shown above

Name of Authorized Signatory:
Designation:
Name of firm:

(Signature of the Authorized Signatory)
Seal of the Firm

SECTION XI

B3-A FINANCIAL CAPACITY OF THE DISTRIBUTOR

A. Details of Annual Turnover for Preceding 3 Years.

	Year 1 (2019-20)	Year 2 (2020-21)	Year 3 (2021-22)	Average Annual Turnover
Turn Over (In Rs. Crores)				

B. Details of Net Worth

	Year1 (Last Financial Year i.e. as on 31 st March 2022)
Paid up Capital (Rs. Cr)	
(Add) Free Reserves (Rs. Cr)	
Total Net Worth (Rs. Cr)	

(Signature of Bid Signatory)
Seal of the Firm

Certificate from the Statutory Auditor

This is to certify that(name of the Bidder) has an average annual turnover (in the last three financial years) and Net Worth (in the last financial year) as shown above

Name of Authorized Signatory:
Designation:
Name of firm:

(Signature of the Authorized Signatory)
Seal of the Firm

SECTION – XII -A

(Please see Clause 13.3(a) of Instructions to Bidders)
(to be submitted by manufacturers)

MANUFACTURER'S AUTHORIZATION FORM

No. _____ dated _____

To
The Managing Director
APMSIDC, Mangalagiri, Guntur.
Dear Sir,

Tender Notice No. _____

We _____ who are established and reputable manufacturers of _____ having factories at _____ and _____ do hereby authorize M/s. _____ (Name and address of Agents) to bid, negotiate and conclude the contract with you against Tender Notice No. _____ for the above goods manufactured by us.

No company or firm or individual other than M/s. _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Tender Notice.

We hereby declare that we are willing to provide guarantee/warranty and after sales service during the period of warranty/CMC as per the above tender.

We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments tendered within the stipulated time.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract and read with the Clause 10 of Special Conditions of Contract, for the Goods offered for supply against this invitation for bid by the above firm.

Yours faithfully,

(Name) For and on behalf of M/s.

(Name of manufacturers)

Note: This letter of authority is on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

SECTION – XII -B

(Please see Clause 13.3(a) of Instructions to Bidders)
(to be submitted by Authorized Distributors)

MANUFACTURER'S AUTHORIZATION FORM

No. _____ dated _____

To
The Managing Director
APMSIDC, Mangalagiri, Guntur.
Dear Sir,

Tender Notice No. _____

We _____ who are established and reputable manufacturers of _____ having factories at _____ and _____ do hereby authorize M/s. _____ (Name and address of Agents) to bid, negotiate and conclude the contract with you against Tender Notice No. _____ for the above goods manufactured by us.

No company or firm or individual other than M/s. _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Tender Notice.

We hereby declare that we are willing to provide guarantee/warranty and after sales service during the period of warranty/CMC as per the above tender.

We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments tendered within the stipulated time.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract and read with the Clause 10 of Special Conditions of Contract, for the Goods offered for supply against this invitation for bid by the above firm.

Yours faithfully,

(Name) For and on behalf of M/s.

(Name of manufacturers)

Note: This letter of authority is on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

SECTION - XIII

DECLARATION FORM

I / We having Our office at read and understood the terms and conditions contained in the bidding documents under this notification for bid and offer our bids unconditional, to the extent not stated at any other part of our bid.

We will not quote or supply the equipment/furniture similar to the ones offered under this bid notification to any agency or organization in the country, at the rate lower than the rate quoted in this present tender.

If we found quoting lower rate than the rate quoted to the APMSIDC, to any other agency in the country during the validity of the present contract, we will remit the differential cost to the APMSIDC, unconditionally.

Signature :

Date :

Name of the
Firm and address :

SECTION XIV

Check List of Documents to be Uploaded as part of the Bid and Notes to Bidders

I. Documents with the Technical Bid

Sl. No	Document Description	Documents to be submitted
1	Process Fee 11,800/-	Offline
2	EMD	Online & Offline
3	Bid Form Section VII-A	Online & Offline
4	List of items offered with Make and Model details without prices	Online & Offline
5	Manufacturers Authorization (Wherever required)	Online & Offline
6	Past Performance Details Format B1 along with supporting documents (Wherever required)	Online & Offline
7	End-User Certificates or CA Certificate as per Format B2	Online & Offline
8	Financial Capability Details Format B3 for Manufacturer	Online & Offline
9	Financial Capability Details Format B3-A Distributor	Online & Offline
10	Details and proof of After-Sales Service facilities	Online & Offline
11	Letter of authorization to sign the bids	Online & Offline
12	Clause-by-clause commentary on technical specifications	Online & Offline
13	Technical and Commercial deviations statements	Online & Offline
14	Copy of the GST Certificate and Details of IT Returns- PAN / TIN copies.	Online & Offline
15	The Manufacturer, must have necessary quality certifications for both processes and products such as ISO 9001 (Quality Management System for Organization) and ISO 13485 (Quality Management System for Medical Devices) (Wherever required)	Online & Offline
16	Full Quality Assurance System Approval Certificate Management System Certification for Medical Devices and their equivalent International Standards certificates (BIS/CE/USFDA etc) (Wherever required)	Online & Offline
17	Memorandum of Articles	Online & Offline
18	All the uploaded Technical bid, to be attested by a Gazette Officer or properly notarized or self attested	Online & Offline
19	General information about the bidder	Online & Offline
20	Declaration Form	Online & Offline

Sl. No	Document Description	Documents to be submitted
21	DPIIT approval (If required)	Online & Offline

II. Financial (Price) Bid in the format available with the e-procurement platform

- Please note that the Bidder runs the risk of his bid being rejected if the price schedule contains any conditions.

Notes to Bidders

1. Upload the documents in ZIP format with suitable description as defined above.
2. The scanned documents shall be legible failing which they will not be considered.
3. Sign on all statements, documents, certificates uploaded owning responsibility for their correctness / authenticity.
4. All the statements copies of the certificates, documents etc., enclosed to the Technical bid shall be given page numbers on the right corner of each certificate
5. The tenderer is subjected to be blacklisted and the EMD forfeited if he is found to have mislead or furnished false information in the forms / statements / certificates submitted in proof of qualification requirements or record of performance (Please see Corrupt and Fraudulent Practices Clause)
6. All the Bidders are requested to quote with single option only, for the each item offered and please note that bids with multiple options, for any one or all of the items offered, will be rejected by the purchaser as Non-responsive.

ANDHRA PRADESH MEDICAL SERVICES CORPORATION LTD

INSTALLATION CERTIFICATE

(to be filled jointly by the Tenderer, head of user institution & Representative of the Tender Inviting Authority individually for every equipment)

HOSP CODE/ Hospital Name:				
Equipment Details				
EQPT CODE/ Name of the equipment:		Purchase Order No:		
Make / Manufacturer		Purchase Order Date:		
Model		Purchase Amount		
Serial no.		Project Name		
Location / Department				
Installation Start Date		Completed Date.		
Comprehensive Warranty Start Date		Comprehensive Warranty End Date:		
Preventive Maintenance Schedule (Specify Year & Month)				
YEAR	Visit 1	Visit 2	Visit 3	Visit 4
Contact Details				
SUP.CODE / Name of the Supplier				
Name of Service Engineer		Mobile No.		
Service Centre Manager's name		Mobile No.		
Service center address				
Accessories supplied				
Sl. No.	Item	Qty.	Serial No.	Remarks
To be filled by Institution				
Whether the sticker affixed on all the key components of the equipment or on a conspicuous place in the installed room/storage area?				YES / NO (tick one)
Whether a digital Photograph of the installed equipment taken after affixing the sticker in the presence of the hospital personnel?				YES / NO
Whether the Demonstration of the equipment with accessories on the technical specification/key features was conducted to the satisfaction at				YES / NO

the time of installation?			
Whether training was conducted to the satisfaction at the time of installation?			YES / NO
Short supply items, if any			
Remarks of hospital authorities			
Recommend to release payment YES <input type="checkbox"/> NO <input type="checkbox"/>		The equipment is working satisfactorily YES <input type="checkbox"/> NO <input type="checkbox"/>	
The equipment was installed and handed over on (Installation date to be filled in by the Head of the institution or by the end user)			
Name of Service Engr.		Sign.	
Name of End User & Department Mobile No.		Sign.	
Name of Bio Medical Engr. & Organization		Sign.	
Signature of the Superintendent. Mobile No.		Sign. & Seal	
Date: Seal of supplier:		Date: Hospital Seal :	

Note: The installation report shall be submitted in a single sheet printed back to back and shall be submitted individually for each equipment installed.

On Consignee letter Head

Annexure - II

Dt: _____

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC) THREE MONTHS PERFORMANCE CERTIFICATE (to be filed by the head of user institution individually for every equipment)

HOSP CODE / Hospital Name:				
SUP.CODE / Name of the Supplier				
Equipment Details				
EQPT CODE /Name of the equipment:		Purchase Order No:		
Make / Manufacturer		Purchase Order Date:		
Model		Purchase Amount		
Serial no.		Project Name		
Date of Installation		Location / Department		
Whether Equipment working satisfactorily without any problem for one month?			YES <input type="checkbox"/> NO <input type="checkbox"/>	
If No, provide details of equipment failure in the first month (attach additional details if any in a separate sheet)				
BREAK DOWN DETAILS				
Break down Reported Date	Attended date	Rectified date	Attended by	Details of beak down / service
Present status of the equipment		Working satisfactorily <input type="checkbox"/> Not working satisfactorily <input type="checkbox"/>		
Recommended to settle the final payment		YES <input type="checkbox"/> NO <input type="checkbox"/>		
Recommend for trial run for one more month		YES <input type="checkbox"/> NO <input type="checkbox"/>		
Performance of accessories supplied				
Further Training		Required <input type="checkbox"/> Not required <input type="checkbox"/>		
Remarks of hospital authorities				
Three month performance certificate was issued on (date to be filed in by the Head of the institution or by the end user)				
Name of End User & Department			Sign.	
Signature of the Superintendent.			Sign. & Seal	
Date:		Date:		

Seal of supplier:	Hospital Seal :
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Annexure - III

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

WARRANTY CERTIFICATE

(to be filled jointly by the Tenderer, head of user institution & Representative of the Tender Inviting Authority individually for every equipment)

Date:

APMSIDC Supply order No:dated.....

The equipment *(Equipment Name)*

Model No..... bearing serial no was

installed successfully at *(Institution*

Name) is offered with a comprehensive warranty for a period of Years

starting from to including all the

following accessories;

Sl. No	Name of the accessory	Manufacturer's name	Equipment Serial No.	Qty

Name of the Supplier:	Name of the Supdt. / End User:
Signature:	Signature:
Seal:	Seal:

**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE
DEVELOPMENT CORPORATION (APMSIDC)**

PREVENTIVE MAINTENANCE CHECK LIST

Equipment Name.

Sl. No.	Activities carried out during Preventive Maintenance visit	Visit 1	Visit 2	Visit 3	Visit 4
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

Annexure-V

**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE
DEVELOPMENT CORPORATION (APMSIDC)**

CALIBRATION CHECK LIST

Equipment Name

Model.

Sl. No.	Parameters to be calibrated	Frequency of calibration required
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		

Annexure-VI

**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE
DEVELOPMENT CORPORATION (APMSIDC)**

List Of Spare Part

Equipment Name

Model

Sl. No.	Spare name	Cost (inclusive of all charges)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		

Annexure-VII

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

GENERAL INFORMATION ABOUT THE TENDERER

Name of the Tenderer

Registered
address of the firm

State:

District

Telephone. No.

Fax. No.

Email.

3	Address			
	State		District	
	Telephone No.		Fax	
	Email		Website	

Type of Firm (Please ☐ relevant box)

4	Private Ltd.		Public Ltd.		Proprietorship	
	Partnership		Society		Others, specify	
	Registration No. & Date of Registration.					
Nature of Bussiness (-lease <input type="checkbox"/> relevant box)			
5	Original Equipment Manufacturer			Authorized Dealer /Representative		
	Direct Importer			Others, specify.		

SERVICE CENTRE DETAILS

TOLL FREE NUMBER, IF ANY			
Sl. No	Name and address of the service center (s)	Contact Details	
1		Telephone No:	
		Fax No:	
		Email ID.	
		Name of the Service Engr.	
		Mobile No.	
2		Telephone No:	
		Fax No:	
		Email ID.	
		Name of the Service Engr.	
		Mobile No.	
3		Telephone No:	
		Fax No:	
		Email ID.	
		Name of the Service Engr.	
		Mobile No.	

Technical Specifications

DEIC/TEIC – REQUIRED EQUIPMENT			
(I) Equipment Required for Paediatrics			
	Sl. No.	Name of the Equipment	Technical Specifications
1	a	Paediatrics stethoscope (2 per DEIC)	<ul style="list-style-type: none"> • Dual-sided chest piece with small 3.3cm diaphragm is ideal for infant patients • Stethoscope of pediatric size, chromium plated metal binaural • Versatile chest piece design provides high acoustic sensitivity with both a floating diaphragm and open • bell • Soft-sealing ear tips provide an excellent acoustic seal and comfortable fit • Headset is easily adjusted for individual fit and comfort. Angled ear tubes align with ear canals • Binaural Construction: Single lumen • Chest piece Finish: Machined Stainless Steel • Chest piece Size :1.31 Inch/3.3cm, 1 Inch/2.5cm • Chest piece Weight (Metric): 40 g • Chest piece Technology: Double-sided • Diaphragm Diameter (Metric): 3.3 cm • Diaphragm Material: Epoxy/Fiberglass • Net Weight (Metric): 105 g • Small Diaphragm Diameter (Metric): 2.5 cm • Overall Length (Metric): 71 cm • Accessories needed (Extra): 1 spare set of earpieces, 1 spare diaphragm' • Certifications: US -FDA / CE / BIS • Warranty Period: 3yr

2	b	Sphygmomanometer with Paediatric cuff	<ul style="list-style-type: none"> • Technical characteristics (specific to this type of device): • Scale 0-300 mm hg. Air release at closed lap with maximum 4mmHg/Minute. Manual setting of deflation possible upto 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 every 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. • Settings: 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 $3 + 0.5\text{mm}$ and the external diameter should not be, less than 8mm; The dial manometer with minimum. diameter of 160 mm • Mobility, portability: YES • Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system): • adult arm cuffs of size Adult Child(size - 9/10). Child(size- 8), Infant (size -7)and Neonate(size - 6),inflation bulb, tubing. • Atmosphere / Ambiance (air conditioning, humidity, dust ...): • Capable of being stored continuously in ambient temperature of 0 to 50 degree C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 degree • C and relative humidity of 15 to 90%.. • Certificates (pre.market, sanitary,,,)1 Performance and safety standards (specific to the device type); • Local and/or international: US-FDA/CE/ISO 13485 • Pre'installation requirements: nature, values, quality, tolerance: Supplier to perform safety and operation checks before handover. • Requirements for sign-off: Certificate of inspection from the factory. • Training of staff (medical, paramedical, technicians): Training of users in operation and basic • maintenance shall be provided • Recommendations or warnings Any recommendations for best use and supplementary: Warning for safety should be declared • Warranty: 3 years
---	---	---------------------------------------	--

3	c	Direct ophthalmoscope	<ul style="list-style-type: none"> • TECHNICAL CHARACTERISTICS • Available with LED/Halogen light source. • Magnification up to x15 from direct vision to maximum magnification • Red-free, blue and polarization filters and Anti-reflection lens. • Should have small and large spot sizes, fixation targets, slit aperture, hemi-spot and cobalt blue filter. • Should be rechargeable battery with Charger / battery/ mains operated. • At least 3 apertures and fixation star. • Range of lenses not smaller than -30D to +20D with steps not greater than LD. • Dust free sealed optics and a spherical optical system. • Weight (lbs, kg) NA 3.3 Noise (in dBA) NA • Heat dissipation NA • Mobility, portability supplied in protective case for clean storage and safe transport. • ENERGY SOURCE (electricity, UPS, solar, Bas, water, CO2) • Power requirements 220 to 240V, 50 Hz • Battery operated Internal batteries, rechargeable preferred compatible with both 2.5 V and 3.5 V batteries or handles provided; Led display indicating the charging status. • Protection Yes • Power consumption To be specified by Vendor • ACCESSORIES, SPARE PARTS, CONSUMABLES • Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) a. Bulb - 2 nos • BIDDING/PROCUREMENT TERMS/DONATION • REQUIREMENTS • STANDARDS AND SAFETY • Certificates (pre-market, sanitary,...) i Performance and safety standards (specific to the device type); Local and/or international • Should be US FDA/CEIBIS/CDSCO/ approved (USFDA/CE requirements will be applicable only if Indian standards like BIS/CDSCO are not available.) • Manufacturer should have ISO 13485 certification for quality standards • ISO L0942:2006 Ophthalmic instruments -- Direct ophthalmoscopes.
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4	d	Paediatric Auroscope	<ul style="list-style-type: none"> • Focus range: 8-70 mm • Object distance: l- 160 mm • Light source: 4 adjustable white LED Lens or Halogen bulbs with 5 extra bulbs • High definition microscopy lens • Should provide no reflections and obstructions • Should have one camera with camera probe and RCA video cable • Paediatric reusable speculum of various sizes • PreGrably SD card for image storing • Should have in built rechargeable battery. Recharge should be possible with Direct mains supply. • A clear and sharp image can be acquired and displayed instantly on a built-in screen by pressing a single button and maximum waiting for 3-5 seconds • Real Time Interaction: The medical image should be captured and shared simultaneously with patients and storing an electronic medical record where the image can be retrieved • Software • Compatible software for storing and displaying in PC • Certifications: US-FDA / CE / BIS • Warranty: 3 years
5	e	Ear speculum	Stainless steel small
6	f	Magnifying Glass - Medium	Medium

7	g	Weighing Machine (both baby and adult)	<p>Electronic Baby Weighing Scale</p> <p>Technical characteristics (specific to this type of device):</p> <ol style="list-style-type: none"> 1. Table top, light and portable, 2. Built in rechargeable battery, 3. Easy to clean baby tray (acrylic), 4. Zero weight adjustment facility, 5. Quick, clear digital read outs, 6. Measurement does not change with position of baby on the pan; 7. Provision to measure the height of the baby in its laying position. 8. Accuracy: 59, resolution: 1g, limit: 10 gm - 15kg <p>Settings:- Auto setting to 0.00 once a the machine is switched on or when no external weight has been put on</p> <p>User's interface: LCD Display</p> <p>Dimensions (metric):- Base: 300mm x 265mm x 85mm, Pan: 510mm x 300mm x 85mm</p> <p>Battery operated: 6V, one hour backup</p> <p>Certifications: US-FDA/CE/BIS</p> <p>Warranty: 3 Years</p> <p>Electronic Adult Weighing Scale (Platform Type):</p> <ol style="list-style-type: none"> 1.Capacity: 160 kg 2. Accuracy: 100 g 3. Platter Size: 350 mm x 300 mm (Tolerance +/- 10o%) 4. The scale should be made up of heavy duty. Cast iron structure Platform with powder coated Frames. 5.The Electronic Adult Weighing Scale should incorporate following features for user-friendly Convenience. 6. Display: LED / LCD : 5 digits with min. height 14 mm. 7. TARE facility with zero function. 8. HOLD function to lock the weight. 9. MEMORY function, to keep the last weight in memory. 10. The Scale should have inbuilt rechargeable battery backup for minimum of 8 hrs. 11. Should operate on mains 220-240Vac, 50 Hz single phase. 12. The Scale should be as per BIS specifications. The scale should have ISI mark. 13. Certifications: US-FDA/CE/BIS 14- Warranty: 3 Years
8	h	Knee Hammer	Stainless steel Handle with Triangular Rubber Hammer
(II) (a) Equipment's Required for Dental – Materials & Consumables			
9	a	Forceps set for extraction (Pedodontic)	Set of Seven (7) Forceps

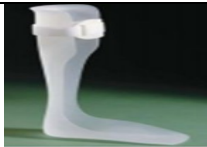
10	b	Wall Mounted Dental x ray with RVG	<p>SPECIFICATION FOR DENTAL X-RAY: Operation should be conventional as well as automatic. Completely micro controller based digital timer assuring the accuracy of the exposure time selected. Ease of operation as all the functions can be selected from the remote control as well as timer. Feather touch keypad and length of exposure cable should be 5 to 6 meters. Digital timer with the accuracy of 0.01 Sec (0.01 Sec to 4.00 Sec). Patient selection Switches (Thin, Normal and Obese) Film Speed selection switches (3 Speeds) RVG mode for RVG sensor. An excellent output of 65 kV to 70 kV, TmAs to 10 mAs. Audible and Visual indication of "X-Ray On" (Radiation indications). Should provide compatible voltage stabilizer (Built in/External). Collimating device should be 20 cm in length and parallel/square in a lead shield should also be provided Excellent, Mechanical maneuverability, long reach scissor arm.</p> <p>SPECIFICATION FOR RVG: 1 SUPER CMOS/CCD Technology 2. Sensor Size No.1 (universal)/ Size No.0 (pediatrics/Size No.0 (optional). 3. No. of Pixels 16 tP/mm - 24lp/mm (true solution). 4. Pixel size is 18.5 x 18.5 micron. 5. Should provide compatible software with Image capture, enhancement and manipulation tools. 6. Sensor cable length should be 3 meters and reinforced for durability and reliability (Fiber optic and scintillator tech). Power requirements 230V, AC, 50 Hz, 15 Amps, Protection Suitable stabilizer to be provided. High voltage protection for X-ray tube Noise (in dBA) Noise-free system</p> <p>CERTIFICATIONS: Should have safety certificate from a competent authority BIS/CE/USFDA and ISO 13485 certificate The Unit should be approved by AERB WARRANTY:3 years</p>
11		Table top Front-loading autoclave (electrical)	Specifications attached
12	d	Forceps set for extraction (Adults)	Set of seven (12/14) forceps

13	e	Restorative Filling and Carving Instrument: Set	Set of 5 (Plastic filling instrument wards carver, round condenser, Spoon excavator, Ball Burnisher)
14	f	Elevators set of 10 (Ten)	Set of 10
15	g	Contra angle handpiece	Stainless steel body, push button chuck type, speed of 30,000 RPM, gear ratio of 1:1
16	h	Dental Ultrasonic Scaler (complete set)	1 Ultrasonic scaler with frequency of 28Khz, power output of 10-50W, 05 scaling tips G1, G2,G3,G4,P1 and 01 scaler tip torque wrench
17	i	Composite Filling Instruments	Set of 6 stainless steel
18	j	Dental Electric Brushless Micromotor	Stainless steel, mini electric motor system with 3 modes (16:1, 1:1,1:5)
19	k	LED Curing Light source	With light output of 1000mW/cm2- 1200mw/cm2, LED curing light, Guide rod tip, light slide
20	l	Automatic Water Distiller	Voltage of 220V, Power of 750W, Capacity of 4-6L
21	m	Mallet	Regular
22	n	Needle Holder	Regular
23	o	Bone Chisel	Regular
24	p	X-ray viewer	42 x 50 cm, powder coated ms cabinet with frame, Acrylic sheet, light weight, portable with 2 X ray film holding clips power of 12V, 50-60Hz
25	q	Stainless steel Bin (Surgical)	Medium size Bin (Autoclave), round, 11" x 9"
26	r	Hand Scaler (complete set)	Set of three
27	s	Portable dental darkroom	Manual, 40x33x22.5cms, power:50-300ma, Voltage:220V
28	t	Mortar and Pestle	
29	u	Lead apron	0.35 or 0.5 mm lead equivalent
30	v	Mouth Mirrors (Pack of 10)	Stainless steel
31	w	Probes (Pack of 10)	Stainless steel
32	x	Explorers (Pack of 10)	Stainless steel
33	y	Tweezers (Pack of 10)	Stainless steel
34	z	Cheatle forceps	Large
35	a1	Plastic Cheek Retractors	Medium size Bin (Autoclave), round, 11" x 9"

36	b1	Mouth Props (Adult + Pediatric) set of 2	Small and Large	
37	c1	Cement Spatula	Regular	
38	d1	Matrix Band and Retainer (both no. 1 & 8)	Regular	
39	e1	Dental Impression Trays (upper and lower)	Perforated stainless steel trays with sizes 1,2,3,4	
40	f1	Rubber Bowls	Medium size Bin (auto Clave), round, 11" x 9"	
41	g1	Plaster Spatula - Straight and Curved	Regular	
42	i1	Glass slab	7.5cms x 15cms x 10mm	
43	j1	Scalpel handle	Regular	
44	k1	Glass dapen dish	Regular	
	Sl. No.	(b) Dental Consumables		
45	a2	Developer and Fixer		Developer and Fixer liquid -226ml
46	b2	ZNO + Eugenol (110 gm)		110 gm
47	c2	GIC filling (15gm powder / 8g liquid)		15gm powder/ 8g liquid
48	d2	GIC luting (15gm powder / 8g liquid)		15gm powder/8g liquid
49	e2	Impression material alginate dust free (450g)		450g
50	f2	Plugger 15-4 assorted set		21mm
51	g2	Polishing paste (100g)		Sodium fluouride, glycerine and silica containing prophylactic paste in an aqueous flavored based
52	h2	Burs assorted for contra angle handpiece (round, taper fissure, inverted cone)- 1 set		Round, taper fissure, inverted cone
53	i2	Composite kit with etchant and bonding agent		With minimum of 4 hydrid composite shades (A1, A2, A3,B2), 5gms of bonding agent and 2g of 37% phosphoric acid etchant

54	j2	Composite syringes individual		Hybrid composites of various shades
55	k2	Composite finishing and polishing kit		Set of 12 contra angle friction grips, silicon carbides (set of 6) and aluminum carbide stones (set of 6)
56	l2	Dental IOPA X ray film Pedo - 1 Box		22 x 35 mm size
57	m2	Dental IOPA x ray film adult (size 2) (E speed)		31 x 41 mm size
58	n2	Diamond burs - Airotar handpiece-assorted		Set of 5 bars (small Round, Large round, inverted cone, straight fissure, tapered fissure)
59	o2	Disposable dental suction tips (100 tips)		Flexible
60	p2	G.P points 15-80 assorted set		Set
61	q2	H file set assorted 15-40, 45-80 (21 mm)		21mm
62	r2	Kfile set assorted 15-40, 45-80 (21mm)		25mm
63	s2	Mylar strip (8mm, 100 strips pack)		8mm, 100 strips pack
64	t2	Polishing brush and cup set of 5		Set of 5
65	u2	Plaster of Paris (5 KG)		5 Kg
66	v2	Zinc oxide powder (110g)		110g
67	w2	Applicator tips for bonding agent		Disposable
68	x2	Pit and fissure sealant		2gm syringes
69	y2	Zinc phosphate cement		Medium size Bin (Autoclave), round, 11" x 9"
70	z2	Etchant gel 37% phosphoric acid gel (9 ml)		Pack of 2 syringes

71	a3	Dentin bonding agent (6g)		6g
72	b3	Form cresol (30 ml bottle)		30 ml bottle
73	c3	Calcium hydroxide powder		Bottle of 15 gms
74	d3	Topical fluoride varnish		Bottle of 15 ml
75	e3	Matrix band no 1		Stainless steel no 1
76	f3	Matrix bond no 8		Stainless steel no 8
77	g3	Wedges wooden		Pack of 50 pcs
78	h3	Green loth bags for autoclaving instruments		Medium size Bin (Autoclave), Round, 11" x 9"
79	i3	Black silk suture 3 "o"		3 "0"
80	j3	BP blade no. 15 (set of 20)		1 pack
(III – A) Equipment's required for Physiotherapy / Occupational therapy				
81	1	Therapy ball		Small -45cm, Large- 65cm
		(a) 65 cm (b) 45 cm		
	2	Therapy mats- 6ft x 3ft		6ft x 3ft
82	3	Bolster (a) 2ft long, diameter 8' inch (b) 2ft long, diameter 10' inch		With nylon rope or straps with hooks to fit in the swing frame. Size 25 cm diameter X 90 cm long (1 big- 300mm diameter & 1.5-meter-long and 1 small- 300mm diameter and 1.2 meter long)
83	4	Small roll - 13-inch-long, Diameter -3 inch		13 inch long, Diameter – 3 inch
84		Prone Wedge (a) Big height -		Big Height-14 inch, Length -31 inch, Breadth 17 inches, small- height-10 inch, length -26 inch, Breadth 17 inches Specifications: Foam filled wedge covered with nylon, fitted with Rexene straps to position the child
85		(b) Small- height		
86	6	Balance Board		Should have unbreakable board with ½ dia sphere at the tip of its pedestal that support free floats: Should have height adjustment feature Should have Non-slip footsteps: Should have main, Load capacity 60Kg
87	7	Kaye - Walker (Height - 48 - 64 cm)		Height 48-65cm, distance between hand grips 34 cm, Frame width 58-60cm, Frame length 69-83 cm, user height 1074-137cm, Maximum user weight 39Kg, frame weight 3.85 kg

88	8	Trampoline		Compact round trampoline, shape round, light jumpers. Dimensions, diameter of the mat 2.5m. surface area of the mat(4.9 meter square), Minimum lateral installation clearance (5.5m), Jumper weight rating 80 kg., structural load capacity 380kg., height of the mat above ground 0.8m, height of the flexi-net above mat 1.5m., total height 2.3m
89	9	Bolster Swing		With Nylon rope or straps with hooks to fit in the swing frame. Size 25 cm diameter X 90 cm long (1 big -300mm diameter & 1.5 meter long and 1 small-300mm diameter and 1.2 meter long. Should have vinyl-covered base on either side by simply flipping the bolster 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 180Kg; Should have heavy duty hanger with ball bearing technology upto 60 min continuous moving,
90	10	Wooden Benches with cushion and Rexine Cover		Small (3 ft long, height 8 inches, breath 6 inches), Big (3ft long height 12 inches, breath 8 inches)
91	11	Splints (Ankle Foot Orthosis)		
92	12	Special Chairs with cut - out Tray (Tailor made according to need of the child)		Quantity- 1 Child sits in a modified chair with a cut-out tray in front. The chair has castor for easy transportation
93	13	Theraputty (Big)		Gluten free, Non-toxic, red, yellow and blue colors
94	14	Peg board		Laminated square board having 10 holes to hold smoothly finished solid plastic pegs in five different bright colors
95	15	Ball pool		The dense foam padded mini Ball pool is soft, safe and perfect for small children. It provides an excellent sensory stimulating activity. The round pool is 120cm in diameter x 50cm high, & has 10cm thick padded sides. The pool contains 500 multi color balls of 7cm or 8cm diameter. Pool side and bottom is covered with durable Rexene that easily wipes clean.
96	16	Ball of different size		Local

97	17	Gaiters (set of 16 for each 16 DEIC)		Aluminum/bamboo stick of 8", 10", 12", 14" long inserted in the pockets of thick canvas, 3 velcro straps to be wound around Total 8 no.(1 pair of each size mentioned)
(III-B) Equipment's Required for Play Area & Physiotherapy/occupational therapy				
	Sl. No.	Equipment's		
98	a	Swing		Swing: 1 each 1. Bolster swing 2. Platform swing 3. Tyre tube swing 4. Rope ladder swing
99	b	Slides		Play Material idea for less than 10 year children
100	c	See Saw		Play Material idea for less than 10-year children
101	d	Tunnel length 6 ft		Should have durable polyester fabric in bright color; 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 play hut play structures creating additional play pattern options; Should have light weight and portable Should have 4 in. thick foam walls in circular pattern
102	e	Tricycle		For children less than 5 years
103	f	Locally suitable toys (Set of 3)		Set of 3
104	g	Toys (For play and stimulation)		Set of 6
105	h	Small rattles		10 Numbers
106	i	Squeaky		Any 5 toys
107	j	Puja bell (Clapper bell)		3 bells
108	k	Soft toy		10 toys
109	l	Bruch for tactile stimulation		2
110	m	Thick handle spoon	22	Stainless steel spoon, padded handle 3
111	n	Thick handle bent spoon	27	Stainless steel bent spoon, padded handle 3
112	o	Plastic spoon with long handle (for babies)	30	Long handle bright color spoon

113	p	Plastic glass with rim cut on one side	30	Plastic glass with one side of the rim is cut to accommodate nose : 3
114	q	Stainless steel plates with high rim	31	With high rim: High rim to prevent spilling over of food: 3
115	r	Spouted cups	29	3

(IV) Equipment required for Laboratory				
Sl. No.	Equipment's			
116	a	Automated Blood cell counter (3 part)		Specifications attached
117	b	Microscope		Specifications attached
118	c	Semi automated analyzer		Specifications attached
119	d	Digital Hemoglobinometer		<ul style="list-style-type: none"> Should have testing time of not more than 5 seconds Sample volume should not be more than 20uL 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 <p>User's interface:- Manual Software and/or standard of communication (where ever required):- Microprocessor based proprietary software Weight (lbs., kg): Max: 250 g (excluding battery) Protection: Should have inbuilt protective mechanism Power consumption: Internal batteries (should be easily available in market) Certifications: US-FDA/CE/BIS warranty : 3 Years</p>
120	e	Test tubes (Pack of 100)		Glass test tubes pack of 100
121	f	Empty Vials (Pack of 100) - 10ml		Glass Empty vials pack of 100

		(IV) Equipment required for Office						
	Sl. No.	Equipment's						
122	1	Desktop and UPS		Specifications attached				
123	2	All in One (Printer + Scanner + Photocopier)		Specifications attached				
124	3	Android Television (40 - 50 Inc) 50		Specifications attached				
125	4	Computer Table		Medium (28" Height * 24" Width * 18" (Depth))				

Sensory Integration			(V)	Equipment Required for				
126	1	Pinspot and Mirror Ball Bundle		Mirror Ball 30cm, LED Red & Blue spot light				
127	2	Mirror ball motor		1-3 rpm, remote control system mount on wall board				
128	3	LED Mirror Ball		8-inch mirror ball, multi-color LED				
129	4	Fire ball - mounted on the roof		3-4 rpm rotatory light				
130	5	Sound Activated Light		LED multi-Colour				
131	6	LED Bubble Tube		4 feet, remote, secure wall mount				
132	7	OPTIC Fibres (per 1000 mts) Rs. 12/- per meter		Good quality				
133	8	Blue LED Lights		4 watts				
134	9	150 Bulb Blue LED Light Chain		With remote				
135	10	Bubble Tube		4 feet LED				
136	11	Rotating Drum		Spin/twist drum with attached beads				
137	12	Chime Frame and Beater		6 colorful metal/wood chimes suspended in strong frame				
138	13	Mirror Chime bout		Wooden stand with 6 arms, mounted on ball bearing with shiny leaves				
	14	Swings:						
139	a	Bolster Swing		Heavy loader with peadel and sharpless edges				
140	b	Platform Swing		Wooden board with 18*18*1.5cm with ropes 2*20 feet				
141	c	Tyre Tube Swing		Rubber tyre with heavy ropes				

142	d	Rope Ladder Swing		6 feet with wooden sticks heavy nylon rope with hook for hanging
143	15	Rhythmic Rocker		Rectangular, 2-seater
144	16	Balance boards		Multi colour, wooden preferably 60*18*12 cm
145	19	Bean bags including white toys		100*60*60cm, good quality
146	20	Real size animal toys (set of 2)		3-4 feet, with soft finishing

116. Cell Counter (3 Part Differential hematology Analyzer)

1. The instrument should be fully automated 3-part differential with 20 parameters offering automatic start up, shutdown and sample analysis.
2. The instrument should be fully automated 3-part differential with at least 20 parameters offering automatic start up, shutdown and sample analysis • Either PDW SD or PDW CV or both PDW SD and CV to be there.
3. The instrument should have a throughput of 60 samples/hour
4. The instrument should have at least 4000 sample either inbuilt storage data or through an external SD memory facility. • SD card memory facility/Pen drive/Equivalent is needed.
5. The instrument should have colored LCD touch screen with intuitive menu icons for easy Operation.
6. Instrument should have inbuilt printer to print the patient result.
7. The instrument should have in-built thermal printer and 4 USB or more interfaces for connecting external printer, keyboard, mouse, barcode scanner. (OR) The instrument should have in-built thermal printer, ports for connecting external printer, barcode scanner and touchscreen to enter patient name and patient ID.
8. The instrument should have following analysis modes Manual - Open, Pre-dilute.
9. The sample volume maximum of 50 µl in manual mode, 20 µl in pre-dilute mode.
10. Minimum reagent consumption when instrument turned from sleep mode to ready mode.
11. Calibration option for RBC, WBC and Platelet in automatic mode only.
12. Instrument should have in-built Real time Inventory Management system to track usage of reagents
13. Instrument should have facility to auto-dispense pre-defined volume of diluents in pre-dilute mode.
Cost of per reportable test. Cost of per reportable test should include information regarding Reagents consumption ,Controls ,Calibrators and cleaners for better price transparency

and control.

Note: If any Reagents/Calibrator/Control or any thing else required for testing not included in price same will be considered free of cost.

Warranty : 3 years warranty + 4 years CMC

Reagent for the 3 years to be quoted @ approx. 15 sample per day and same will be considered for price ranking. (15*30*12*3= 16200 Tests)

100 Test for all types of test should be supplied along with the machine free of cost.

3 Part Differential Hematology Analyzer

Sl. No.	Tests to be performed	Name of the reagents required	PACK Size	Each Reagent Price Rs.
1	Tests to be performed : a. Hematology: Complete blood count, Hemoglobin, TLC, DLC, Platelet count, Total RBC count, MCB, MCH,MCHC,RDW,HCT b. PLCC (Platelet cell Count)/ PLCR (Approx. 16200 Tests)	1) Diluent 2) Sulphalizer or Lyse 3) Detergent 4) Self-cleaner or Probe Cleaner		

Note:-

1. The Lowest bidder will be considered based on Equipment + CMC and cost of reagents/consumables. The lowest bidder should match the lowest price quoted by other bidder for reagents/consumables. (L1 bidder after reverse auction incl. machine & CMC cost given first change to match reagent cost)

2. If L1 bidder not willing to match the lowest reagent cost, then preference will be given to L2 bidder, and so on.

3. Reagent prices should be quoted in proforma enclosed in as mentioned in above and to be attached in financial bid column.

4. The Quoted reagent prices will be freezed for next 7 years till warranty and CMC period.

Specifications for Pediatric Stethoscope

- Dual-sided chest piece with small 3.3cm diaphragm is ideal for infant patients
- Stethoscope of pediatric size, chromium plated metal binaural
- Versatile chest piece design provides high acoustic sensitivity with both a floating diaphragm and open bell
- Soft-sealing ear tips provide an excellent acoustic seal and comfortable fit
- Headset is easily adjusted for individual fit and comfort. Angled ear tubes align with ear canals

Binaural Construction: Single lumen

Chest piece Finish : Machined Stainless Steel

Chest piece Size : 1.31 Inch / 3.3 cm, 1 Inch / 2.5 cm

Chest piece Weight (Metric): 40 g

Chest piece Technology: Double-sided

Diaphragm Diameter (Metric): 3.3 cm

Diaphragm Material: Epoxy/Fiberglass

Net Weight (Metric): 105 g

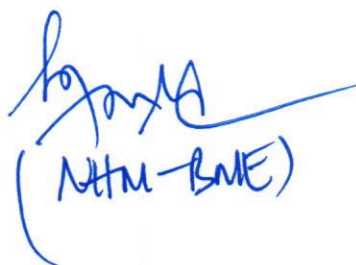
Small Diaphragm Diameter (Metric): 2.5 cm

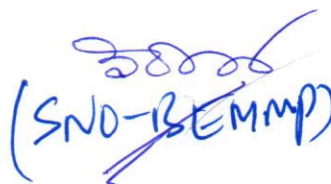
Overall Length (Metric): 71 cm

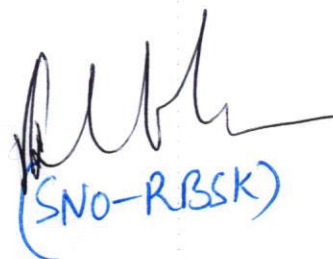
Accessories needed (Extra): 1 spare set of earpiece, 1 spare diaphragm.

Certifications: US -FDA / CE / BIS

Warranty Period : 3 yr


(NTHM-BME)


(SNO-BEMMP)


(SNO-RBSK)

SPECIFICATIONS FOR SPHYGMOMANOMETER with Paediatric cuff

Technical characteristics (specific to this type of device):

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.

Settings: 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 ± 0.5 mm and the external diameter should not be, less than 8mm; The dial manometer with minimum, diameter of 160 mm

Mobility, portability: YES

Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system):

adult arm cuffs of size Adult Child(size - 9/10), Child(size- 8), Infant (size -7)and Neonate(size -6), inflation bulb, tubing.

Atmosphere / Ambiance (air conditioning, humidity, dust ...):

Capable of being stored continuously in ambient temperature of 0 to 50 degree C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 degree C and relative humidity of 15 to 90%..

Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);

Local and/or international: US-FDA/CE/ISO 13485

Pre-installation requirements: nature, values, quality, tolerance: Supplier to perform safety and operation checks before handover.


Requirements for sign-off: Certificate of inspection from the factory.


Training of staff (medical, paramedical, technicians): Training of users in operation and basic maintenance shall be provided

Recommendations or warnings Any recommendations for best use and supplementary: Warning for safety should be declared

Warranty: 3 years


(MAM-BME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for Direct Ophthalmoscope

OPHTHALMOSCOPE – DIRECT

TECHNICAL CHARACTERISTICS

Available with LED/Halogen light source.

Magnification up to x15 from direct vision to maximum magnification.

Red-free, blue and polarization filters and Anti-reflection lens.

Should have small and large spot sizes, fixation targets, slit aperture, hemi-spot and cobalt blue filter.

Should be rechargeable battery with Charger / battery/ mains operated.

At least 3 apertures and fixation star.

Range of lenses not smaller than -30D to +20D with steps not greater than 1D.

Dust free sealed optics and a spherical optical system.

Weight (lbs, kg) NA 3.3 Noise (in dBA) NA

Heat dissipation NA

Mobility, portability Supplied in protective case for clean storage and safe transport.

ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

Power requirements 220 to 240V, 50 Hz

Battery operated Internal batteries, rechargeable preferred compatible

with both 2.5 V and 3.5 V batteries or handles provided; Led display indicating the charging status.

Protection Yes

Power consumption To be specified by Vendor

ACCESSORIES, SPARE PARTS, CONSUMABLES

Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) a. Bulb – 2 nos BIDDING/PROCUREMENT TERMS/DONATION

REQUIREMENTS

STANDARDS AND SAFETY

Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international

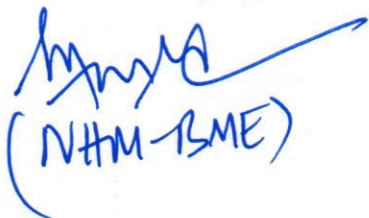
Should be US FDA/CE/BIS/CDSCO/ approved (USFDA/CE requirements will be applicable only when the Indian standards like BIS/CDSCO are not available.)

Manufacturer should have ISO 13485 certification for quality standards.

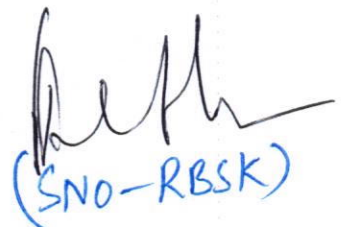
ISO 10942:2006 Ophthalmic instruments -- Direct ophthalmoscopes.

WARRANTY AND MAINTENANCE

Warranty 3 years, including for all spares and calibration work.


(NTHM-BSME)


(SNO-BSMMP)


(SNO-RBSK)

SPECIFICATIONS FOR PAEDIATRIC AUROSCOPE

Focus range: 8-70 mm

Object distance: 1-160 mm

Light source: 4 adjustable white LED Lens or Halogen bulbs with 5 extra bulbs

High definition microscopy lens

Should provide no reflections and obstructions

Should have one camera with camera probe and RCA video cable

Paediatric reusable speculum of various sizes

Preferably SD card for image storing

Should have in built rechargeable battery. Recharge should be possible with Direct mains supply.

A clear and sharp image can be acquired and displayed instantly on a built-in screen by pressing a single button and maximum waiting for 3-5 seconds


Real Time Interaction: The medical image should be captured and shared simultaneously with patients and storing an electronic medical record where the image can be retrieved.


Software

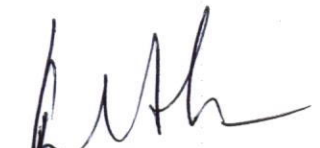
Compatible software for storing and displaying in PC

Certifications: US-FDA / CE / BIS

Warranty: 3 years


(NATH-BME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for Weighing Scale (Baby & Adult)

Electronic Baby Weighing Scale

Technical characteristics (specific to this type of device):

1. Table top, light and portable,
2. Built in rechargeable battery,
3. Easy to clean baby tray (acrylic),
4. Zero weight adjustment facility,
5. Quick, clear digital read outs,
6. Measurement does not change with position of baby on the pan;
7. Provision to measure the height of the baby in its laying position.
8. Accuracy: 5g, resolution: 1g, limit: 10gm ~ 15kg

Settings:- Auto setting to 0.00 once a the machine is switched on or when no external weight has been put on

User's interface: LCD Display

Dimensions (metric):- Base: 300mm x 265mm x 85mm, Pan: 510mm x 300mm x 85mm


Battery operated: 6V, one hour backup


Certifications: US-FDA/CE/BIS

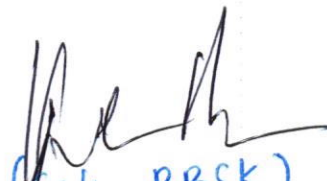
Warranty: 3 Years

Electronic Adult Weighing Scale (Platform Type):

1. Capacity: 160 kg
2. Accuracy: 100 g
3. Platter Size: 350 mm x 300 mm (Tolerance +/- 10%)
4. The scale should be made up of heavy duty. Cast iron structure Platform with powder coated Frames.
5. The Electronic Adult Weighing Scale should incorporate following features for user-friendly Convenience.
6. Display: LED / LCD : 5 digits with min. height 14 mm.
7. TARE facility with zero function.
8. HOLD function to lock the weight.
9. MEMORY function, to keep the last weight in memory.
10. The Scale should have inbuilt rechargeable battery backup for minimum of 8 hrs.
11. Should operate on mains 220-240Vac, 50 Hz single phase.
12. The Scale should be as per BIS specifications. The scale should have ISI mark.
13. Certifications: US-FDA/CE/BIS
14. Warranty: 3 Years


(NMM-BME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for DENTAL X-RAY with RVG

SPECIFICATION FOR DENTAL X-RAY:

Operation should be conventional as well as automatic.
Completely micro controller based digital timer assuring the accuracy of the exposure time selected.
Ease of operation as all the functions can be selected from the remote control as well as timer.
Feather touch keypad and length of exposure cable should be 5 to 6 meters.
Digital timer with the accuracy of 0.01 Sec (0.01 Sec to 4.00 Sec).
Patient selection Switches (Thin, Normal and Obese)
Film Speed selection switches (3 Speeds) RVG mode for RVG sensor.
An excellent output of 65 kV to 70 kV, 7mAs to 10 mAs.
Audible and Visual indication of "X-Ray On" (Radiation indications).
Should provide compatible voltage stabilizer (Built in/External).
Collimating device should be 20 cm in length and parallel/square in a lead shield should also be provided.
Excellent, Mechanical maneuverability, long reach scissor arm.

SPECIFICATION FOR RVG:


1. SUPER CMOS/CCD Technology
 2. Sensor Size No.1 (universal)/ Size No.0 (pediatrics)/Size No.0 (optional).
 3. No. of Pixels 16 lp/mm – 24lp/mm (true solution).
 4. Pixel size is 18.5 x 18.5 micron.
 5. Should provide compatible software with Image capture, enhancement and manipulation tools.
 6. Sensor cable length should be 3 meters and reinforced for durability and reliability (Fiber optic and scintillator tech).
- Power requirements 230V, AC, 50 Hz, 15 Amps,
Protection Suitable stabilizer to be provided.
High voltage protection for X-ray tube Noise (in dBA) Noise-free system


CERTIFICATIONS:


Should have safety certificate from a competent authority BIS/CE/USFDA and ISO 13485 certificate

The Unit should be approved by AERB

WARRANTY: 3 years


(N4M-RME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for AUTOCLAVE

Autoclave
Technical Specifications Compliance on each parameter with detailed substantiation how the offered product meets the requirement. (Simply writing as YES/ Complied/ As per BIS/CE/ISO terms is not allowed)
1. Horizontal Cylindrical High Pressure Steam manufactured as per BIS specification No. IS: 3829 (Part-1) – 1978, with the latest amendments and bearing BIS Mark IS: 3829 (Part-1).
2. SHAPE & DIMENSION: CYLINDRICAL 400MM X 600MM approx
3. MODE OF HEATING: Electrically heated by immersion heaters of 6kW electric load wired for operation on 1phase 3-wire, 230 volts 50Hz A.C. Supply.
4. Working Pressure: 20Lbs/Sq. Inch. 1.26kgf/cm ² .
5. Operating Pressure: 1.05+0.15Kgfc ² . Approx. (20psi).
6. Operating Temperature : About 121°C.
7. Hydrostatic Test:- The shell should be subject to hydrostatic test to twice the working pressure.
8. Material of Construction: a) Chamber & Back Plate: SS Sheet of grade (04Cr18Ni10) 304 non-magnetic 10SWG. b) Jacket & Boiler: SS Sheet of grade (04Cr18Ni10) 304 non-magnetic 12SWG. c) End Ring: SS 304L non-magnetic. d) Piping & Connections: Made of Stainless Steel having mirror finish. e) Dished Door: Stainless Steel 304 quality 14mm thick
9. DISHED DOOR: Fitted with one Dished Door SS-304 and brass Hinges, with SS-304 radial arms to manipulate smoothly by well-insulated handles, and shall have gunmetal Door Locking assembly & automatic pressure locking device to provide complete safety to the operating personnel against any explosive opening of the door under high pressure. Provision is made to tighten the dished door while in locked position. A moulded steam and heat resisting silicone joint less gasket shall be fitted to the door.
10. OPERATING VALVE: To control the cycle of sterilization as per BIS standards.
11. SAFETY VALVE: As a pressure switch for controlling pressure is provided on the jacket, spring- loaded safety valve should be provided to the jacket as a safe guard against excess pressure in the jacket.
12. EJECTOR:- A powerful ejector system to create partial vacuum (help in quick drying).
13. DRYING SYSTEM:- Allows filtered air into the chamber during drying cycles.
14. VACCUM BREAKER: Prevents formation of accidental vacuum in jacket due to steam condensation.
15. PLUG SCREEN : Fitted in Chamber, prevents Chamber from clogging with lint and sediment.

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16. DIAL THERMOMETER : Indicates the working temperature in the Chamber accurately.
17. PRESSURE GUAGE: Indicates the actual pressure of steam in the jacket
18. COMPOUND GUAGE: Indicates the vacuum and pressure in the chamber
19. A POCKET(FOR THERMOGRAPH): Provision to fit the bulb of temperature recorder
20. STEAM (Float) TRAP AND CHECK VALVE: Fitted into the discharge line for automatic removal of residual air and condensate to give optimum sterilization temperature.
21. BOILER (STEAM GENERATOR): Cylindrical type and fitted to underside of jacket. It should be fitted with:
22. Immersion type heating elements (Total 6kw Load).
23. A Low Water protection Float Level Switch for heaters to cut off electricity supply to heaters through a float switch and Contactor if the water level runs below heater level.
24. Water Level gauge glass tube top indicate the level of water in boiler which is capable of self- locking in case of it breakage.
25. Water inlet valve with Non return Valve and drain valve etc.
26. Pressure control switche to control and keep pressure constant in the Jacket.
27. Heater mounting plate (10mm thick) and nut bolts are made of Stainless Steel 304.
28. Pressure gauge provided to the boiler for indicating pressure in the boiler.
29. In addition, equipped with magnetic air break contactor, Toggle switch & RED & GREEN indicators.
30. It should be CE or US FDA Approved.
31. TRAY (STAINLESS STEEL): Provided in the Chamber of suitable size.
32. Whole unit should be mounted on a tubular pipe stand with leveling flanges and duly painted with best heat resisting epoxy paint.
33. Warranty: 3 years

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(SNO-RBSK)

Specifications for Streak Retinoscope

Technical characteristics:

1. Working distance of 50cm and a+2.0D sphere
2. Lamp: 3.5/4V Xenon or 2.5V Halogen; 0.9A
3. Should allow one-hand operation for streak focus and 360° streak rotation.
4. Should have crossed-linear polarizing filter
5. Should have an external focusing sleeve which is easy to grip and manipulate
6. Should be interchangeable to plane mirror and concave mirror mode by sleeve movement
7. Should use halogen/Xenon streak lamp
8. Should have 100% dust proof housing and multi-coated optics.
9. Should have detachable brow rest for spectacle wearer

Dimensions (metric): 230 mm length approx. (but not limited to)

Weight (lbs., kg): 150 gm approx. (but not limited to)

Power Requirements: Rechargeable Battery only

Battery operated: Rechargeable battery which can be directly plugged in AC

Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system): Bulb – 5 in number., Bulb holder, Bulb cover and carrying case

2. Certificates (pre-market, sanitary, ..);

Performance and safety standards (specific to the device type); Local and/or international:

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 - Retinoscope, ISO 15004 - Ophthalmic instruments - General requirements and test, methods IEC 6060-1-2 US FDA approved or CE certified product

Service Support Contact details (Hierarchy Wise; including a toll free/landline number):

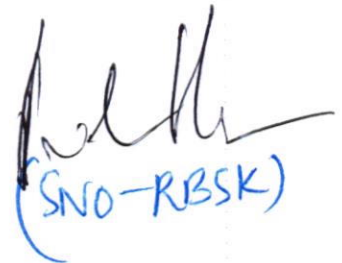
Contact details of manufacturer, supplier and local service agent to be provided

Recommendations or warnings: List to be provided of important spares and accessories, with their part numbers and cost. Certificate of calibration and inspection to be provided.

Warranty: 3 years


(NAM-BME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for Direct Ophthalmoscope (Chargble)

OPHTHALMOSCOPE – DIRECT

TECHNICAL CHARACTERISTICS

Available with LED/Halogen light source.

Magnification up to x15 from direct vision to maximum magnification.

Red-free, blue and polarization filters and Anti-reflection lens.

Should have small and large spot sizes, fixation targets, slit aperture, hemi-spot and cobalt blue filter.

Should be rechargeable battery with Charger / battery/ mains operated.

At least 3 apertures and fixation star.

Range of lenses not smaller than -30D to +20D with steps not greater than 1D.

Dust free sealed optics and a spherical optical system.

Weight (lbs, kg) NA 3.3 Noise (in dBA) NA

Heat dissipation NA

Mobility, portability Supplied in protective case for clean storage and safe transport.

ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

Power requirements 220 to 240V, 50 Hz

Battery operated Internal batteries, rechargeable preferred compatible

with both 2.5 V and 3.5 V batteries or handles provided; Led display indicating the charging status.

Protection Yes

Power consumption To be specified by Vendor

ACCESSORIES, SPARE PARTS, CONSUMABLES

Accessories, (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system) a. Bulb – 2 nos BIDDING/PROCUREMENT TERMS/DONATION

REQUIREMENTS

STANDARDS AND SAFETY

Certificates (pre-market, sanitary,...); Performance and safety standards (specific to the device type); Local and/or international

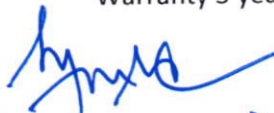
Should be US FDA/CE/BIS/CDSCO/ approved (USFDA/CE requirements will be applicable only when the Indian standards like BIS/CDSCO are not available.)


Manufacturer should have ISO 13485 certification for quality standards.

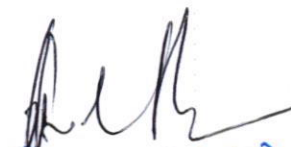
ISO 10942:2006 Ophthalmic instruments -- Direct ophthalmoscopes.

WARRANTY AND MAINTENANCE

Warranty 3 years, including for all spares and calibration work.



(NTHM-BME)


(SNO-BENMP)



(SNO-RBSK)

Specifications of Arterial Blood Gas (ABG) Analyser

1. The analyzer should have measured parameters pH, pCO₂, pO₂, Hct, Na⁺, K⁺, Ca⁺⁺, Cl⁻ & Lactate.
2. Should have minimum 18 derived/calculated parameters including HCO₃⁻, St HCO₃⁻, ABE, SBE, AaDO₂, Anion Gap, TCO₂, SO₂, THB, Hct etc.
3. Instrument should not use gas tanks, conventional electrodes, reagent bottles.
4. Instrument should not use single cartridge for sample testing.
5. Instrument should not use more than 3 consumables including paper roll.
6. Instrument should use only multi test cartridges and should have variable pack sizes.
7. Multi test cartridge should have minimum shelf life of 4 months.
8. Multi test cartridge onboard stability should be minimum 45 days.
9. Should be able to measure all the parameters with one single aspiration of sample
10. The system should not use more than two consumables including all reagents for easy and smooth operation of the instrument.
11. Instrument should have self inlet cleaning mechanism.
12. Sample volume should be less than 100 UI.
13. Instrument should provide results in less than 90 Sec.
14. Instrument should have separate QC mode to run QC vials.
15. Should have sample port that accepts syringe and capillary sample
16. Instrument weight should be ≤ 10 kgs.
17. Instrument should have in- built thermal printer.
18. Instrument should have minimum 500 samples memory.
19. All consumable prices should be quoted along with analyser for cost/test comparison.
20. Power requirements: 220 V, 50 Hz.
21. Product safety: Must comply with IEC norms.
22. Analyzer should have touch screen facility and optional for key board operation
23. Analyzer should have data back-up facility option with USB ports
24. The analyzer should perform samples like: whole blood and other fluids.
25. Analyzer should have remote monitoring facility for service support.
26. It must have US-FDA/European CE certificate enclosed with the bid.
27. Warranty 3 Years


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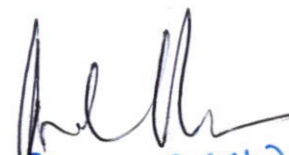
Specifications for Semi-Auto Analyzer

Technical characteristics:-

1. System Type: Semi-Automatic,
 2. Type of Tests: Routine & Un common Biochemistry Enzymes, Substrates, Drug Assays, Serum Proteins
 3. Analysis Mode: End Point, Fixed Time, Kinetic, Linear/Non-Linear Multipoint Calibration with graph display
 4. Should have at least 100 programmable channels
 5. Should have 6 Interference Filters in the range of 340 -700
 6. Analyzer resolution should be 0.0001 absorbance unit and range 0.000 to 3.000 Abs. Unit
 7. Should have quartz flow cell with flow cell volume less than 20 ul
 8. Should be capable of using wet chemistry reagents
 9. Should have previous blank and standard memory storage
 10. Capable of three reaction temperature controls-25, 30 and 37 degree Celsius
 11. Keyboard should be touch mechanical
 12. 3 level control by Levey Jennings chart stored and displayed
2. **Accessories (mandatory, standard, optional); Spare parts(main ones); Consumables /reagents (open, closed system):**
UPS-0.5KVA online, Light source /lamp-1 no. Micro-pipettes- 4 nos. 2 variable (5-50) 2 (100-1000) Tips for pipettes 500 small (100ul) and 500 big (1000 ul) Required reagents
3. **Certifications** : US-FDA/CE/BIS
4. **Warranty** : 3 Years


(NAM-BME)


(SNO-REMMP)


(SNO-RBSK)

Specifications for Digital Hemoglobin meter

Technical characteristics:

- Should have testing time of not more than 5 seconds
- Sample volume should not be more than 20 μ L
- 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

User's interface:- Manual

Software and/or standard of communication(where ever required):-

Microprocessor based proprietary software


Weight (lbs., kg): Max: 250 g (excluding battery)

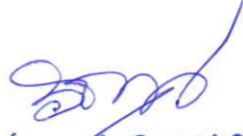
Protection: Should have inbuilt protective mechanism

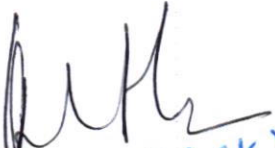
Power consumption: Internal batteries (should be easily available in market)

Certifications: US-FDA/CE/BIS

Warranty : 3 Years



(NBM-BME)



(SNO-BEMMP)



(SNO-RBSK)

Specifications for Android Television (40 – 50 inch)

Type *	Direct Backlight Unit (LED OR LCD)
Size	40 – 50 inch
Resolution (Pixels) *	[3840 X 2160] 4K
Category *	Smart
Typical Brightness *	370 NITS or Better
Wattage of Speakers *	10W x 2
Operating System	Latest
Dynamic Contrast Ratio	1,000,000:1
Screen Mirroring	Yes
Mount Type *	Both table and wall mount
Inbuilt Speakers *	Yes
Power Consumption (Watts) Typical*	less than 170 W
Number of HDMI Ports *	3 or More
Number of USB Ports *	1 or More
Built-in Wi-fi *	Yes
Certifications:	CE/BIS/RoHS
Warranty Information:	3 years

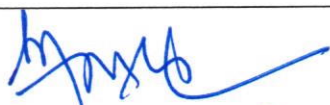

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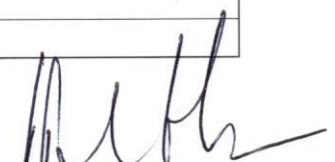

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Specifications for Desktop & UPS

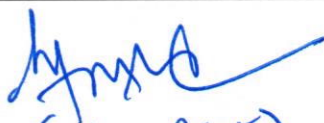
DESK TOP :Processor: 10th Generation - Intel Core i3 processor or Higher
chipset: Compatible Chipset
Motherboard: OEM Motherboard
RAM: Min. 8GB RAM
Hard drive: Min. 1TB SATA HDD
Audio: Integrated audio
Webcam: 720p Integrated Integrated Web Cam
NIC: Integrated 10/100/1000 Mbps NIC or Higher
Display Monitor: 21.5" or above TFT LED Monitor without touch
Form factor: All-In-One
Keyboard: USB Minimum 104 Keys Keyboard <<Same make as PC >>
Mouse: USB 2 button Optical Scroll mouse << Same make as PC>> with Mouse pad
Ports: Min 6 USB ports (min USB 3.0 - 2 nos), Video port and HDMI / DVI Port / DP
In case AIO is offered with wireless mouse, 4 USB Ports are acceptable.
Power supply: As per manufacturer Standard
For PC : MS Windows & Linux Certified << Certifications to be enclosed>><<EPEAT Registered>><<FCC>><<ROHS>>
Operating System: Pre-Loaded MS Windows 10 Professional 64 bit with product key License
Accessories: With required connecting cables and driver media should be supplied
Certifications: CE/ For OEM : ISO 9001 : 2015, ISO 14001:2015
Warranty: 3 Years Onsite comprehensive warranty on hardware & OS.
AMC Percentage: AMC Percentage for 1st year & 2nd year beyond warranty period to be mentioned in the technical compliance sheet
UPS
Capacity: 1KVA
Technology: MOSFET PWM Technology
Input Voltage Range: wide range from 160V to 270VAC
Frequency Range: 45 to 55 Hz
Phase: Single Phase with Ground
Power Factor: Active Power factor correction >0.99
Output
Voltage: 230VAC
Voltage Regulation: +/- 1%
Capacity: 1KVA
Frequency: 50Hz +/- 1%
Output Wave Form: Stimulated Sine wave
Crest Factor: 03:01
Efficiency AC- AC: High efficiency >85%
Power factor: 0.8
Overload capacity: 125% 30 seconds


(NAM-BME)

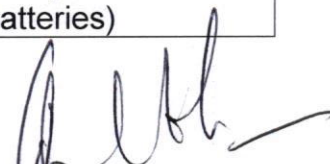

(SNO-BEMMP)


(SNO-RBSK)

Battery Capacity: 216VAH batteries Batteries or Heigher
Battery Type: Battery type : SMF(Sealed Maintenance Free -Exide/Amar Raja-Quanta/Panasonic Make) Proposed Supply of Batteries should be of latest batch not older by 3 months as on date of supply
Rack: Suitable powder coated Battery rack should be provided
charger: Built in Solid float - cum - boost charger with Automatic boost trickle charge modes with current limiting features
Line to battery mode Transfer Time: 0 ms
Cold start: should be available
Display & User Friendly front Panel: LED Display of informative Indicators along with mimic display of all important parameters
Indications: Mains ON, Inverter ON/OFF/Faulty, Battery level, Static Bypass ON, Load Level
Audible Alarm: Mains Failure Alarm, Low Battery Alarm and Overload
Protection: Advanced Electronic Protection for device safety backed with MCBS/MCCBs/fast Acting fuses, High speed pulse blanking, Electronic over voltage, Under Voltage
Cold Restart: Yes
standard Interface: RS 232 interface for Software, WITH UPSilon 2000/view power/Monitoring software
Cabling And Connectors: Vendor should supply with cable to complete installation of ups system and provide atleast 2 spike suppressor with 3 or 4 nos of 5 AMPS to connect the sockets from Output
Certifications: BIS, ISO 9001-2015, ISO 14001-2015, for OEM
Certifications: Proposed model of UPS should be ETDC/SAMEER/NTH certified
Certifications: CE/ Relavent and valid certifications to be submitted
Warranty: 2 years comprehensive warranty on both Ups & batteries
AMC Percentage: AMC percentage for 1st year & 2nd year beyond warranty Period to be mentioned in the technical compliance sheet(AMC including batteries)



(NTHM-BME)



(SNO-BEMMP)

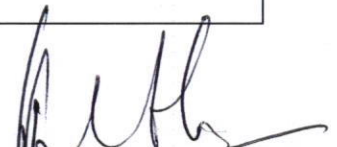

(SNO-RBSK)

Specifications for All in one (Printer, scanner, Xerox)

Features: Print, Copy, Scan, Duplex & Network Facility
Print Speed: Up to 25 PPM speed or Higher
Resolution: Up to 600 X 600 dpi
RAM: Min 64 MB or higher
Media Size: A4, LTR, Legal
Duty cycle(A4) monthly: 8000 pages or above
Cost per page (Genuine Cartridge Yield / MEP): <<Specify & Attach Evidence>>
Interfaces: USB 2.0 or higher and Ethernet Port
Duplex Printing: Auto Duplex
ADF(Automatic Document Feeder): 30 Sheets or More
OS Support: Windows and Mac
Cartridge: Should be supplied with integrated or separate toner & drum along with initial drum and toner for the offered model as per OEM standard
Certifications: CE/SSL
Warranty: 3 Years


(NAM-BME)


(SNO-BEMMP)


(SNO-RBSK)

Specifications for Computer Table

Overall Size(W x D x H):(+/-1)mm


One Cub Board CPU Tray with Pull Key Board With L Pad

Length: 1200, Width 600,Height:750

One Draw One Cub Board CPU Tray with Pull Key Board With L Pad.


(NITHABME)


(SNO-REMP)


(SNO-RBSK)

Technical Specification of MICROSCOPE

Optical System :High Contrast Finite Plan Color Corrected Optical System.

Stand: Ergonomically designed sturdy stand with antirust material. Extended base with hand rest for enhanced comfort and stability.

Magnification: 40x to 1000x visual magnification

Viewing Head: 360 rotatable 30 Sliding Binocular Head

Eyepieces :Wide field 10x/18mm eye-pieces with anti-reflection & anti-fungal coatings. Optional 10X/20mm.

Nosepiece: Inward revolving quadruple nosepiece (Ball bearing type) with click stops. Optional Quintuple.

Mechanical stage: Double plate Rack less stage size 190 x 140mm, X/Y travel range 75mm x 50mm. Low driveright hand movement controls. Ceramic coated surface for scratch resistance. Doublespecimen stainless steel clip.

Objectives: Semi Plan Achromatic objectives 4x, 10x, 40x (spring loaded), 100x (spring Loaded, oil). Antifungal, antireflection and hard coated.

Optical Curves mandatory to be provided for objectives and prisms used in observation head

Condenser: Sub stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with frosted white/Bluefilter. Antifungal and antireflection coated. Rack and pinion movements on stainless steel guides.

Focusing: Coaxial coarse and fine focusing on gear system for smooth operation. Fine adjustment scalevalue 0.002mm.

Illumination :Koehler Q-LED 3.5W 3V LED illumination with variable illumination control. Up to 100,000 hours of LED life. High brightness Koehler illumination.

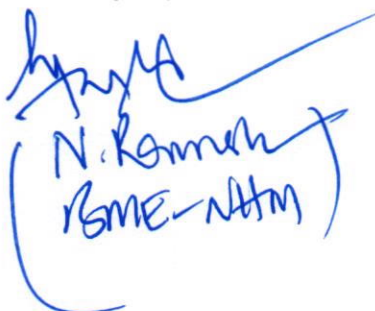
Electronics: Universal input 110V-240V,50/60 Hz with removable power cord. SMPS circuit for flicker freeillumination.

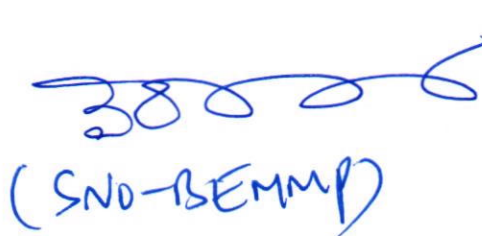
Package Contents: Power Cable (5ft), Dust Cover, Cleaning Cloth, Operation Manual and Styrofoam Casing.

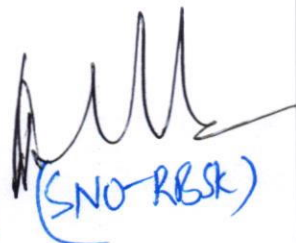
Optional Accessories:Mono/Trinohead,IOX series DIN Plan objectives 20X,60X(SL),WF 15X,WF 20X,Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Digital USB cameras (1.3MP, 3MP,5MP and 14MP) with inbuilt adaptors,DSLR cameras with adaptor, Illumination system Halogen 6V,20W.

Certifications ISO 9001:2015, ISO 13485:2016, European CE , IEC 61010-1, IEC 60601-1:2005,Us FDA, GEM

Warranty : 3 years (Standard)


(N. Ramiah)
(BME-ATM)


(SNO-BEMMP)


(SNO-RBSK)

Pure 2 Channel Audiometer	
Technical Specification Data	
Frequency	Standard range: 125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz High frequency range: 9000, 10000, 11200, 12500, 14000, 16000 Hz
Intensity	AC: -10 dB HL to 120 dB HL / BC: -10 dB HL to 85 dB HL / FF: -10 dB HL to 115 dB HL
Step Size	5, 2 or 1 dB
Masking	Narrow band, White Noise, Pediatric noise
Tone Type	Pure tone, warble and pediatric noise (pulsed and continuous)
Test Type	HL, MCL, UCL, Binaural and Aided
Tests	AC, BC, Speech and Masking
Special Tests	Pure Tone Stenger High Frequency Audiometry (optional), Extended Special Tests (optional): ISI, Tone Decay, ABLB, MLB, Langenbeck Test
Speech Special Tests	Speech Stenger, Master Hearing Aid Optional: QuickSIN™, Freiburger Speech Test
PC Interface	USB
STANDARD Accessories	AC headphone DD45, BC headphone B71, patient response switch, power supply
Optimal Transducers	AC headphone DD65 v2, AC HF headphone DD450, AC insert earphone IP30, BC headphone B81, BC headphone BKH10 with masking headphone Holmco 9501, speaker SP85A, speaker SP90A, other speakers and amplifiers on request
Optimal Accessories	Talk back microphone, monitor phone & microphone headset, monitor phone (for examiner), patch cords, HM-E300 printer kit (3" thermal printer), carrying case
Optional Licenses	Extended Special Tests, High Frequency Audiometry
Optional Software	Sessions PC Software, OtoAccess® Database, OtoAccess® Worklist HL7 (OtoAccess® Database add-on), Noah Database
Dimensions / Weight	W x D x H: 34.5 cm x 20 cm x 8 cm / 1.5 kg
Power Supply	100-240 VAC ± 10 %, 50/60 Hz, 0.5 A
Display	5.7" TFT display, 640 x 480, Colored
Standards	Audiometer IEC 60645-1, Type 2, EHF class A-E,
Warranty	3 years

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BERA with ASSR	
Technical Specification Data	
Stimulus	Clicks, Tones, iChirps, and user-defined Stimulus duration in μ sec or cycles
Stimulus Envelopes	Rectangular, Blackman, Cosine, Hamming, Hann, Bartlett, Trapezoidal (Rise/fall time), Extended Cosine (Rise/fall time), Triangular, Gaussian
Stimulus Presentation	Stimulus presented continuously or only while acquiring
Masking	Contralateral noise masking with specified level or tracking the stimulus level
ABR	
Stimulus	Clicks
Testing	Simultaneous testing of both ears
Option to display or hide	<ul style="list-style-type: none"> > ABR waveforms > Spectral graphs > Test status indicators
Impedance	Impedance is automatically measured periodically to monitor electrode integrity during the screening procedure
ASSR	
Stimulus	Clicks, Tones, iChirps, and user-defined
Frequencies	250, 500, 1000, 2000, 4000, and 8000 Hz
Testing	Simultaneous testing of both ears or individually
Multifrequency	Yes, Test up to four frequencies per ear
EP Amplifier	
Channel	One channel
A/D Converter	16-bit
Gain	100k
High Pass	30 Hz (-12 dB/Oct)
Low Pass	1500 Hz (-12 dB/Oct)
Artifact Rejection Level	Adjustable artifact rejection level and time region
Line Frequency Notch Filter	(-12 dB/Oct) 50 or 60 Hz
Common Mode Rejection	≥ 105 dB at 1 kHz ≥ 115 dB at 60/50Hz
Noise Level	≤ 200 nV RMS
Input Impedance	>10 Mohms
Sampling rate	200 to 40000 Hz
Transducers	
Transducers	ER-3C Insert Earphones and DD45 Headphones
Intensity	0 - 130 dB SPL
Frequency Range	125 - 8000 Hz
Power Mode	USB Powered / +5V DC, 0.65 A 3.25W
Operating Environment	Portable Equipment for Indoor use Operating temperature: 15 °C - 35 °C Relative humidity: 15% to 90% at 40 °C non-condensing Altitude: 0 - 3000 m
Storage	Temperature: 0 °C - 50 °C
Optional Computer Requirements	Windows 10 operating system - Minimum 4 GB RAM Minimum 5 GB hard drive space / FHD display recommended (Minimum vertical resolution of 900 px) Grounded, 3-prong power supply - Compliant with IEC 60950 Mouse or other pointing device / One available USB Port / Removable media, network drive, or secure Internet storage site for data backup (recommended) and Printer (optional)
Standards Compliance	Safety: IEC 60601-1 / Class II, Type BF
WARRANTY	3 YEARS


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Portable Tympanometry	
Technical Specification Data	
TYMPANOMETRY	
Probe Frequency	226 Hz, 85 dB SPL
Optional High Frequency	1 kHz, 69 dB SPL
Pressure Range	-400 daPa to +200 daPa
Volume Range	0.0 ml to 6.0 ml (compensated)
Compliance Range	0.1 ml to 8.0 ml at 226 Hz 0.1 ml to 15.0 mmho at 1 kHz (optional)
Test Time	< 6 seconds
ACOUSTIC REFLEXES	
Test Frequencies	0,5; 1; 2; 4 kHz
Test Noise	Broad-band noise (optional)
Test Method	Ipsilateral
Level	70 dB HL to 100 dB HL
Level Settings	Automatic, fixed
DEVICE GENERAL	
Memory	1 curve per ear and test
Storage	> 1000 measurements
Display	Full color graphic LCD-Display
Dimensions	W x D x H: 8 cm x 30 cm x 7 cm
Weight	427 g
Language	English, Chinese, French, German, Italian, Japanese, Polish, Russian, Spanish, Swedish
Battery	NP120 Li-Ion 3.7 V-1700 mAh
OPTIONAL CRADLE	
Dimensions	W x D x H: 15 cm x 29.5 cm x 11 cm
Power	100 - 240 VAC, 50/60 Hz
OPTIONAL PRINTER	
Type	HM-E200, 2" portable thermal printer
Printing Time	<5 seconds per test result
Power Supply	100 - 240 VAC, 50/60 Hz
Dimensions	W x D x H: 8.5 cm x 13 cm x 5 cm
Weight	234 g
Data Transfer	Wireless
STANDARD COMPONENTS	Eartip box, probe cleaning kit, test cavity, rechargeable Li-Ion battery, power supply, carrying case
OPTIONAL ACCESSORIES	Short extension cable for probe with status lights (35 cm), wireless printer kit HM-E200, cradle kit, wall mount kit for cradle
OPTIONAL LICENSES	1 kHz high frequency probe tone incl. broad-band noise
OPTIONAL SOFTWARE	Sessions PC Software, OtoAccess® Database, OtoAccess® Worklist HL7 (OtoAccess® Database add-on), Noah Database
STANDARDS	Tympanometer IEC 60645-5, Type 2, ANSI S3.39, Type 2, Safety IEC 60601-1, ANSI/AAMI ES60601-1, Class II, Type B Applied Parts, EMC IEC 60601-1-2, CE 0123 according to Medical Device Regulation (EU) 2017/745, Class IIA
WARRANTY	3 YEARS



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Oto Acoustic Emissions Screener (OAE)	
Technical Specification Data	
Measurement Type	DPOAE (Distortion Product Otoacoustic Emissions) TEOAE (Transient Evoked Otoacoustic Emissions)
Frequency Range	Screening Version
	DPOAE: 2.0 kHz to 5.0 kHz
	TEOAE: 1.5 kHz to 4.0 kHz
	Diagnostic Version
	DPOAE: 1.5 kHz to 12.0 kHz
	TEOAE: 0.7 kHz to 4.0 kHz
Stimulus Intensity Range	DPOAE: 40 dB SPL to 70 dB SPL TEOAE: 80 dB SPL peak equivalent (± 3 dB)
Micro-Probe Specifications	Microphone System Noise -20 dB SPL at 2 kHz (1 Hz bandwidth)/ -13 dB SPL at 1 kHz (1 Hz bandwidth)
Probe Cable Length	1.1 m
Power Supply Specifications	Output - 5.0 V DC, 1.6 A Input - 100 V-240 V AC, 50/60 Hz, 400mA
PC Interface	Yes via USB micro
Printer	Wireless Printer (Thermal)
Power Supply	Lithium-Ion rechargeable
Battery life	1000 Tests per charge / minimum 15 hours on-time
User Interface	OLED Display - 4 button Keypad
Dimensions	66 mm x 31 mm x 145 mm
Weight	Under 210 gm
CE Certification	Yes
Standards	IEC 60645-6 2009 Type 2, IEC 60601-1 Type B, IEC 60601-1-2, according to the class IIa of the EU medical directive 93/42/EEC, medical directive 93/42/EEC, FDA 510 (k) #980533 23.31998
WARRANTY	3 YEARS



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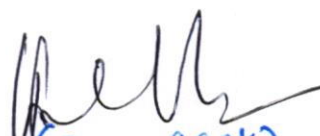

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ABR Screener	
Technical Specification Data	
Measurement Type	DPOAE (Distortion Product Otoacoustic Emissions)
	TEOAE (Transient Evoked Otoacoustic Emissions)
	Screening ABR with Inserts
Frequency Range	TEOAE: 1.4, 2, 2.8 and 4 kHz (center frequencies)
	DPOAE: 1.5 kHz to 6 kHz
Stimulus Type	TEOAE: non-linear Click
	DPAOE: Pair of Pure Tones
	ABR: CE-Chirp®, Click
Stimulus Intensity Range	TEOAE: 60 dB peSPL to 83 dB peSPL
	DPOAE: 50 dB SPL to 65 dB SPL
	ABR: 25 nHL to 45 nHL
Test Duration	4 to 60 Sec for OAE 10 to 180 Sec for ABR
Pass Criteria for OAE	Depends on Protocol TEOAE - min 4 dB SNR and DPAOE - min 6 dB SNR
Protocol Updating	via Device Software
F2/F1 Ratio DPOAE	1.22
Test Mode in ABR	monaural / binaural
Impedance Test in ABR	Automatic pre-test
Artifact rejection level in ABR	100 µV
Pre - Amp of ABR	One Channel - 3 electrode cables (black, yellow and white) Gain - 72 dB CMR Ratio >110 dB at 100 Hz
Dimensions / Weight of Pre Amp	85 x 50 x 25 mm / 85 g
Dimensions / Weight of Device	163 x 85 x 21 mm / 265 g
Display	4.3" color touch screen
Storage	max. 250 patients with 50 tests each
PC interface	micro USB
Battery	Rechargeable Li-ion
Cradle Charging	Wireless (inductive charging)
Power supply of Cradle	5 V DC (micro USB)
Dimensions / Weight of Cradle	142 x 140 x 62 mm / 270 g
OAE Probe Length	120 cm
Standards Components	easyScreen, charging cradle, power supply, USB cable, preamplifier, insert phones IP30 for EarCups™ or eartips, electrode lead wires, carrying case, starter kit, stylus touchpen, neckstrap
Optional Accessories	HearSIM™ with OtoAccess® Database, easyScreen BERAphone®, standard OAE probe, SnapPROBE™, wireless label printer, easyCart
Languages	English, Chinese, Dutch, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Turkish
Standards	ABR: IEC 60645-7, Type 2 Safety: IEC 60601-1, Type B and BF EMC: IEC 60601-1-2 CE 0123: According to Medical Device Regulation (EU) 2017/745, Class IIa
WARRANTY	3 YEARS


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