GOVERNMENT OF ANDHRA PRADESH

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Web Site : https://tender.apeprocurement.gov.in

TENDER DOCUMENT

FOR

Procurement and Supply of Medical Equipment and Furniture to New Teaching Hospitals and Colleges in A.P (2 years rate contract) with reverse auction

Tender Notice No. : **2.8A/APMSIDC2024-25, Dt: 25.06.2024.**

Name of the Agency and Address : ……

……

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Implementing Agency :

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION
(Formerly APHMHIDC)
(AN ENTERPRISE OF GOVT. OF A.P.)
2nd Floor, Plot No:09, survey number: 49, IT Park, Mangalagiri, Guntur District- 522503.

e-mail: aphmhidc@gmail.com & ed.apmsidc16@gmail.com
Ph. No: 8978644900

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INTRODUCTION

1.1. The Andhra Pradesh Medical Services & Infrastructure Development Corporation – APMSIDC (formerly APHMHIDC) (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 - three 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.msidc.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)

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Tender Notice No. 2.8A/APMSIDC/2024-25, Dt: 25.06.2024.

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.apeprocurement.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 online only.

   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 the form of crossed Demand Draft drawn in favour of Managing Director, APMSIDC, Guntur 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 the 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	as specified at section V schedule of requirements against each equipment.
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
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 16.07.2024 to 31.07.2024 up to 02.59 PM**
2.	**Queries**	**19.07.2024 on or Before 1.00 PM**
2.	**Due date for Receipt of tenders**	**31.07.2024 up to 03. 00 PM**
3.	**Time and date of opening of technical Bids**	**31.07.2024 @ 03. 01 PM**
4.	**Time and date of opening of financial bids**	**Will be intimated later**

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 for a period of 3 years**, 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.

10. Reverse tendering process on e-procurement portal

a) APMSIDC will schedule reverse tendering process on the e-Procurement portal. Qualified technical bidders will also be communicated through e-mail the date and time for the conduct of reverse tendering process.

b) Online reverse tendering process

i) The online Reverse tendering process will be run on the total amount.

ii) Only the technically qualified bidders will be permitted to participate in the reverse tendering.

iii) The 'opening price' i.e. start price for Reverse tendering will be the lowest (L1) price quoted by the Bidders amongst all technically qualified bidders.

iv) Bidders can modify the total price, based on the minimum bid decrement or the multiples thereof, to displace a standing lowest bid and become "L1", and this will continue as an iterative process. The total price, will be used to determine the total cost of the bid.

v) For the purpose of Reverse tendering, the minimum bid decrement value on 0.5% of L1 value or as specified by TIA.

vi) Reverse tendering duration: The duration of the reverse tendering is 3 Hours. All bidders are required to submit their online bids during this period.

vii) In case, if any bidder decides to lower the price in the last fifteen (15) minutes of the reverse tendering duration, then the duration of the reverse tender will be extended for additional 15 minutes (Bid Received time + 15 minutes) to enable other bidders to participate further. Such extensions will continue as long as there is no bid received in the last 15 minutes.

viii) After the completion of reverse tendering, the system will calculate the total price of the bid.

SECTION - II : INSTRUCTIONS TO BIDDERS

TABLE OF CLAUSES

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 Indian rupee. 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) Cost of 4 years Comprehensive Maintenance Contract as defined in the Clause 18 of the Special Conditions of the Contract.

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; Bids quoted other than Indian currency will be rejected.

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 online only.

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 03.00 P.M Hrs **on 31-07-2024**. 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 **31-07-2024** at 03.01 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.

24.7 Purchaser and/or Authorized representative of purchaser can do inspection of manufacturing site/Assessment of manufacturing capacity.

24.8 In case of any discrepancy in documents submitted by the vendor purchase department can ask to produce the original copy of the same

24.9 The Preliminary Evaluations of the bidders are kept available at APMSIDC website http://msidc.ap.nic.in

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. The comprehensive annual maintenance charges (inclusive of four Preventive Maintenance visits and all distress calls in a year and costs of all spares required during the repairs) for a period mentioned against equipment at section V- (Schedule of requirements) subsequent to free guarantee maintenance period mentioned against equipment at section V- (Schedule of requirements).
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 7 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

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 Fifty percent (50%) of the performance security will be discharged by the Purchaser 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. The balance 50% of the performance security will be retained towards performance security for the maintenance services to be provided for 4 years after the 3 years warranty period and this 50% will be discharged after completion of performance obligations under maintenance services after 7 years.

7.5 The supplier shall accordingly; either furnishes a fresh bank guarantee for the 50% value or an extension of bank guarantee for 50% of the value covering the 4 years maintenance period after 3 years warranty period. Only after receipt of the above, the 50% of the performance security will be discharged after the warranty period.

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 7 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 as specified at section V schedule of requirements against each equipment 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 clause 5.1.3 (section-I of IFB) 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 shall be made in Indian Rupees.

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)

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 purchaser's representative.

6. 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

7. 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

8. 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.

9. Incidental Services (Clause 13)

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

10. 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.

11. Warranty (Clause 15)

11.1 In partial modification of the provisions, the warranty period shall be as specified at section V schedule of requirements against each equipment, 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 guarantees 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.

11.6 No conditional warranty like mishandling, manufacturing defects, etc. will be acceptable.

11.7 **Warranty as well as Comprehensive Maintenance contract** will be inclusive of all accessories and Turnkey work, and it will also cover the following wherever applicable:-

- Any kind of motor.
- Plastic & Glass Parts against any manufacturing defects.
- All kind of sensors.
- All kind of coils, probes and transducers.
- Printers and imagers including laser and thermal printers with all parts.
- UPS including the replacement of batteries.
- Air-conditioners, All kinds of painting, civil, HVAC and electrical work

12 Payment (Clause 16)

12.1 Payment for goods and services shall be made in Indian Rupees as follows:

a) 60% of the contract value of the supply part after necessary deduction will be paid to the supplier on submission of copy of invoice with original Delivery Challan as proof of supply to destinations duly certified by the Head of the Institution and RTGS details

b) 30% of payment will be paid on submission of original invoice with stock entries, delivery challan and 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.

c) The balance 10% will be paid after three months from the date of installation on submission of performance satisfactory report (Annexure-ll), obtained from the Head of the institute or concerned authorities.

d) 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.

12.2 If there is a delay in installation of the equipment due to reasons not attributable to the supplier such as non readiness of site, 60% of the supply part of the contract value will be released against supply and a confirmation letter from the consignee / end user, on submission of original delivery challan & Invoice copy.

12.3 Cost of Comprehensive Maintenance Contract for each year will be paid, at the end of each year by the Purchaser's representatives/hospital authorities, upon submission of the service reports to the extent of the service delivered as per the contract terms.

13. Prices (Clause 17)

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

14 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".

15 Liquidated Damages (Clause 23)

15.1 <u>For delays</u>

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.

16 **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 thereunder 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.

17 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)

18 Comprehensive Maintenance Contract (CMC)

a) The Comprehensive Maintenance Contract includes 4 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.

b) The supplier shall under take at least one half-yearly preventive maintenance visit and attend to all the break down calls during the year. The payment for the maintenance services will be made at the end of each half-year, upon submission of necessary service reports signed by the end-users.

c) The Comprehensive Maintenance Contract agreement will be done by APMSIDC/ Hospital authority/ Any Authorized service provider nominated by Govt AP, as per rates given by the vendor in the tender.

19 Actions Against the Misconduct of the Supplier

19.1 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.

19.2 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.

19.3 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.

20 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

S. No	Item Name	Qty	Warranty (in Years)	CMC (in Years)	EMD (in Rs.)	Average Annual turnover of the Authorized Bidder in the last three years i.e. 2020-21, 2021-22 and 2022-23
	Group-1					
a	Bottles for blood culture	500	-	-	750	62500
b	Culture Plates/ Petri Dishes	1000	-	-	1500	125000
c	Desiccators	5	-	-	7500	625000
d	Dropping bottles	500	-	-	30000	2500000
e	Glass wares including Pasteur Pipettes Each	500	-	-	75000	6250000
f	Graduated cylinders for various capacities ranging from100 cc to1000 cc. (100, 250,500,750 and 1000 Each)	100	-	-	1500	125000
g	Reagent bottles	500	-	-	3000	250000
	Total				**119250**	**9937500**
	Group-2					
a	Digital Automatic camera > 5 megapixel	5	3	NA	4500	375000
b	Digital SLR at least 20 megapixels with micro, macro, wide angle zooms lenses, Flash and other accessories	5	3	NA	10500	875000
	Total				**15000**	**1250000**
	Group-3					
a	Mannequins for demonstration of enema	20	3	NA	60000	5000000
b	Mannequins for demonstration of Intracardiac injection	20	3	NA	90000	7500000

c	Mannequins for demonstration of vaginal pessary	20	3	NA	60000	5000000
d	Human tarso	5	3	NA	15000	1250000
e	Obstetrics mannequins including Obstetric examination, conduct and management of vaginal delivery.	5	3	NA	16950	1412500
	Total				**241950**	**20162500**
	Individual Items					
1	Cytospin including 4 years CMC price	5	3	4	37500	3125000
2	Computer Assisted Learning Lab including 4 years CMC price	5	5	4	75000	6250000
3	Deep freezer 80 degrees with UPS including 4 years CMC price	5	3	4	75000	6250000
4	Fluorescent Microscope including 4 years CMC price	5	3	4	24000	2000000
5	Flow cytometer including 4 years CMC price	5	3	4	75000	6250000
6	HPLC including 4 years CMC price	5	3	4	270000	22500000
7	Immuno fluorescence Microscope including 4 years CMC price	5	3	4	225000	18750000
8	Lyophilizer including 4 years CMC price	5	3	4	12000	1000000
9	Microfuge including 4 years CMC price	5	3	4	7500	625000
10	Real-time PCR machine (Calibrated for the fluoro phoredyes with UPS 2KVA) including 4 years CMC price	5	3	4	18000	1500000
11	Ultra-centrifuge including 4 years CMC price	5	3	4	9000	750000
12	UV Transilluminator with photography including 4 years CMC price	5	3	4	22500	1875000

13	Virology Service Laboratory shall be a BSL-2 level laboratory, it includes the following areas including 4 years CMC price	5	3	4	975000	81250000
14	Software for preparing and printing post-mortem report etc including 4 years CMC price	5	3	4	37500	3125000
15	Densitometer with computer including 4 years CMC price	5	3	4	12000	1000000
16	Spectrophotometer including 4 years CMC price	5	3	4	142500	11875000
17	OAE Impedance audiometer including 4 years CMC price	5	3	4	90000	7500000
18	Auto strainer including 4 years CMC price	5	3	4	150000	12500000
19	Biosafety Cabinet Type 2A including 4 years CMC price	5	3	4	90000	7500000

Processing fee: The participating bidders will have to pay tender processing fee (non-refundable) of **Rs.11,800/-** in the form of online only.

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

All tender unit price will be rounded off to next nearest whole number (if price is Rs. 100.40 it will be 100 Rs. and 100.75 then it will be Rs. 101)

1. **To allow the authorized distributors duly obtaining an agreement/ MOU from the Manufacturer for binding on Post Supply Services i.e. Warranty, CMC, AMC 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 shall be furnished in the form of Demand Draft/BG/Online drawn in favour of Managing Director, APMSIDC, Guntur.

3. **All the bidders are requested to quote the total value of the each group as a single unit (Total items X Total Quantity = Total Value)**

Note:

1. **All the bidders noted that each grouping items should be quoted individual prices in financial bid of attached document compulsory.**
2. **Without CMC quoted the firm will be rejected and treated as quoted price inclusive of CMC.**

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 (7) 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 30^0C 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 three-year warranty period, for four more years including an estimated cost an annual servicing contract. The maintenance capability of the bidders currently existing in Hyderabad and Andhra Pradesh 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 a) 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).

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 above items supply to various Govt. Hospitals in Andhra Pradesh**
3. **Purchase order will be issue minimum qty 1 no or more and to be supplied to all Govt. Hospitals in Andhra Pradesh for a period of 2 years.**

Technical Specifications:

S. No	Technical specifications
	Group-1
a	Bottles for blood culture
b	Culture Plates/ Petri Dishes Petridish plates 90mm (autoclavable) – PW008- 1 x 100 Nos Petridish plates size 100mm – PW060- 1 x 10 Nos Mc cartney bottles (autoclavable)– GW162- 1 x 100 Nos
c	Desiccators
d	Dropping bottles 250ml leak proof polypropylene bottles with dropper, must comply with BIS/CE/FDA standards
e	Glass wares including Pasteur Pipettes Each
f	Graduated cylinders for various capacities ranging from100 cc to1000 cc. (100, 250,500,750 and 1000 Each) As per Indian standard Laboratory glassware- Graduated. Measuring cylinders as per BIS standards (Second revision) Res 71.040.20 https://law.resource.org/pub/in/bis/S02/is.878.2008.pdf
g	Reagent bottles As per current BIS
	Group-2
a	Digital Automatic camera > 5 megapixel
b	Digital SLR at least 20 megapixels with micro, macro, wide angle zooms lenses, Flash and other accessories Camera Type: DSLR Cameras Lens Kit: 18-55 mm Sensor Size: 23.5*15.6 Effective Pixels: 20 MP Model Name/Number: EF S18-55 Sensor Type: CCD Screen size: 3.5 inch & above Aperture: f/1.8 Connectivity Features DSLR: WIFI
	Group-3
a	**Mannequins for demonstration of enema** 1. plastic can 1 ltr capacity 2. Connecting tube at least 2 mts lengths

	3. Anal inserting nozzle with length of 7.5 cm 4. Xylocaine jelly 5. Proper sized gloves 6. Availability of soap
b	**Mannequins for demonstration of Intracardiac injection IM Injection Trainer Set** 1. Buttock Injection Trainer Manikin should be lower torso a with right side of the model should be see-through internal structure including bones, muscles, nerves, and veins. with realistic skin is perfect for teaching proper injection techniques and how to avoid nerves and veins. The gluteus medius, nerves, veins, ilium crista, and greater trochanter can be palpated to confirm the correct injection points. Fluid injected n the proper place should be discharged through a drain tube into drain bag. A green light indicates correct injection technique and positioning - a buzzer and flashing red light warn students if they have gone too deep or if needle position is incorrect. 2. Deltoid Injection Trainer The Manikin -Injection Trainer should be realistic in nature to train Intramuscular injection Training and should have option for aspiration of blood from vessels deep within the simulated tissue, to see simulated blood in the hub of the needle on aspiration. Students should be able to use critical thinking skills they have learned through didactic training. The device should be fit on the area of the deltoid muscle as well as the vastus lateralis, rectus femoris, ventrogluteal, and dorsogluteal areas for realism. Pad measures 6-3/4 in. x 3-1/4 in. x 1-1/2 in. Five-year warranty. 3. Intramuscular Injection Trainer The manikin should be Useful to simulate intradermal, intramuscular, and subcutaneous injections Removable epidermis layer on pad surface allows for the simulation of a "wheal" during intradermal injections Skin puncture resistance and the resistance throughout the injection closely mimic the feel of a real injection Drainage holes on pad bottom for use with fluid-filled syringes
c	Mannequins for demonstration of vaginal pessary
d	**Human Tarso**

	Detachable Human Torso Anatomy Model Skeleton Visceral for Medical Students Study 1. Parts:15parts. torso, brain(2Parts), heart, esophagus trachea and aorta, lung (4 parts), skull cap, stomach, diaphragm, liver, pancreas and spleen, intestine. 2.Made of high-quality PVC, environment-friendly and safe. 3.Portable 3D mannequin: you can take the model apart, like a puzzle. 4.Applicable to schools, hospital, in physical health teaching, can be used as a teaching of physical health knowledge of the visual aids, so as to deepen the understanding of the structure of the human organ. 5.Suitable for anyone who interested in anatomy, nursing, physiology. Understanding the organs of the human body. **Material Type: Silicon**
e	**Obstetrics mannequins including Obstetric examination, conduct and management of vaginal delivery.** 1. Delivery manikin should be capable to provide training for normal delivery. It should have realistically modelled pelvis bone structure to make it possible to identify the important land marks in breech and shoulder presentations and able to teach management of malpresentations including breech and shoulder dystocia. 2. Should have manual mechanical birthing system to enable the user to control the rotation and speed of fetus delivery etc. 3. The abdominal palpation mannequin should have an articulating fullterm fetus with palpable fontanelles, spine, shoulders, elbows, and knees with adaptors to fit with manual birthing system. 4. Should be versatile to change the position of the fetus during the process of birth including descend, flexion, extension, internal and external rotation, restitution. 5. It should have the newborn baby with realistic and articulated joints with fontanels and anatomical landmarks and soft head allowing for realistic attachment of vacuum for vaginal assisted delivery and creating a chignon effect. 6. Shall have adaptive birth canal to demonstrate dystocia and deal with its relief 7. Should have features to demonstrate cord prolapsed 8. Shall allow demonstration and practice of placenta previa 9. It should be supplied with cervix openings of 4, 6, and 8cm dilatation and effacement for skill training on vaginal examination. 10. Should have features simulating/represent conditions of the cervix and vagina prior to labor, during labor and at birth in a prim gravida woman 11. The abdominal mannequin should be able accommodate the fetus in vertex, breech, or transverse positions. 12. The abdominal mannequin should have the facility to accommodate the fetus of different gestationalage, demonstrate vertex / Breech / transverse position delivery, and attach the perineum to demonstrate the episiotomy repair.

	13. List of training scenarios which should be there: The bidder should be able to faciltate the 1 day faculty training and arrange the script of training scenarios • Normal delivery • Abnormal labour and other complicated deliveries • IUCD Insertion • Bleeding • Urine bladder catheterization • Uterine massage • Uterine compression • PPH and communication training Training with EUSIM Certified trainer will facilitate a decent understanding on the enhancing the skill set to the students and also to the trainer. 14. Material of the manikin should be latex-free 15. Digital examination and use of speculum should be possible in mannequin 16. Water based lubricant should be supplied for examination 17. Perineum and labia should be soft for realistic anatomical examination 18. List of accessories which should be there: It should consist of uterus training models with accompanying essential instruments for IUD insertion. a) Instrument bag 1: PPIUCD Forceps, Sponge holding forceps, Sim's Speculum b) Instrument bag 2: Sponge holding forceps, Vulsellum Forceps, Cusco's Speculum, Uterine sound, MVA Cannula, Artery Forceps 19. ISO certification should be there
	Individual Items
1	**Cytospin** 1. The equipment should meet the following specifications: 2. The equipment should be a Bench-top centrifuge for cytology specimens 3. The equipment should be capable of thin-layer cell preparation for retrieving cells from various body fluids especially paucicellular fluids and preserving their morphology 4. Should be capable of processing up to 12 specimens at one time 5. Should be equipped with Biological safety cabinet for safety of the operator 6. Auto-lid lock during rotation with a special lid-release mechanism should be available 7. Should be designed for easy disinfection and also have a wipe- clean control panel 8. Should be resistant to fluid spillage on the electronic components with capped disposable sample compartments/ chambers for elimination of aerosol 9. May have different sizes of disposable chambers 10. Safety alarms during all stages of operation should be available 11. Microprocessor based controls and programming for time and speed with pull-out program card for fast retrieval 12. Should be compliant with international standards for electrical equipment requirements for laboratory use 220 V, 50Hz, Speed 100 to 4,000 pm and Noise levels < 50 Db. 13. The equipment should be a automated slide preparation system that produces uniform thinlayer slides for both gynaecologic and non-Bynaecological sample processing which should remove obscuring blood, mucus, debris and also thoroughly mix the sample 14. Processes about 80 samples per cycle with automatic chain-of-custody verification of patient sample
2	**Computer Assisted Learning Lab** OS Name: MICROSOFT WINDOWS 11 PRO Desktop type system with wired mouse, keyboard and USB connection LED 19.5 Inches monitor RAM: 48 GB following are the requirements of CAL lab:-

	• Minimum 1 computer per 10 students (Maybe shared with a similar facility in the institution) • Must have computers with standard configuration and connected to the internet, (Preferably broadband) along with an AV aids (Multimedia Projector and Screen). The PC should be installed with CAL programmes and other software for teaching experimental pharmacology.
3	**Deep freezer - 80°C with UPS** **Technical Specifications:** 1. Galvanized Polished steel sheet body with epoxy paint and polyurethane foam panels and vacuum insulation panel 2. Outer body must be Powder coated steel, scratch and rust resistant and double door with locking facility and 304L SS Interiors 3. Heavy duty Castor wheels & levelling adjustor should be provided for adjustment and installation 4. Capacity: Approximately 350 - 400 L S. Cooling system should have Cascade cooling system 6. Doors: Triple silicon section seal, fitted with decompression valve facility to lower air pressure inside the freezer 7. System should have heated air vent with ice-cleaning plunger to prevent vacuum formation & allowing the door to be quickly & effortlessly opened anytime in the 8. Two Pass-through Access Ports 9. Equipment should have 3-5 compartments each with individual lockable door 10. Temperature: Range "-55°C" to "-86°C", Stability +/-1°C, uniformity+/-3°C 11. Should have Microprocessor Touch Screen controller with USB store functions 12. Display should be bright, digital LED high mounted at the eye level 13. Should have Password protection for temp. & alarm set-points. 14. Battery Backup for the display activates, alarms and must displays temperature during power outages. 15. Alarm for audible & visual fault acknowledgement, low & high temperature audio visual alarms, condenser fault alarm, remote contact alarm, open door alarm, clean filter Indicator and power failure alarm, low battery alarm. 16. Automatic Restart with non - volatile memory, should return set points to user programmed levels after power interrupt. 17. Freezer must have on board diagnostic software to trace system errors 18. User friendly operation 19. System must be fully functional in operating temperature range (ambient Temperature) from 10°C up to 32°C 20. System should have a pull-down time from ambient temperature to -85°C ≤ 6 hrs 21. Additional Accessories: SS Racks and cardboard cryogenic boxes must be provided 22. The system should have facility for C02 and LN2 backup systems 23. Freezer must use CFC-FREE, HCPC-FREE non-flammable refrigerants, and refrigeration system must be energy efficient 24. Power Supply: 210-240V/50-60 Hz 25. System should be supplied with suitable servo voltage stabilizer for smooth functioning. 26. It should be an energy efficient system with low power consumption per day under standard test conditions & noise level <60HZ 27. Safe & secured placement and installation in the designated premises of Guntur medical

	College 28. Installation should include required electrical accessories 29. Equipment handing over to The HOD, Dept of Microbiology, GMC Guntur after obtaining 1Q,OQ,PQ 30. Warranty for 3 years and AMC for 5 years valid from day 1Q, Q, PQ are signed by both parties 31. Demonstration and Induction training to the staff in functioning of equipment. 32. calibration certificate of atleast 6 months must be provided 33. For Validation and induction training, materials must be bear by the company itself 34. Continuous ambient temperature maintenance provision for equipment smooth operation 35. Should be IVD or FDA or CE Conformity 36. Technical service support to provide within 24 hours
4	**Fluorescent Microscope** **Technical Specifications:** 1. Objectives: With a par-focal distance of 60 millimetres and an objective thread size of 25 millimetres 2. Phase Contrast objectives- 4x, 10x, 20x & 40x and 100x with NA value of minimum 1.45 (without phase) oil immersion 3. Condenser: ELWD (extra long working distance). 4. Nose piece: Extra Large Working Distance, adjustable. 5. Eyepiece: 10X (F.O.V. 20-22mm) with rubber eye guard. The eyepiece tube interpupillary distance should be 50-75mm, with inclination of 45 degree from horizon. 6. Illuminator: High luminescent white LED illuminator. Lamp house for 50 W mercury lamps, UV Light shielding plate, UV-cut filter (detachable). 7. Mechanical stage with holders: attachable with different holders like, Terasaki holder (accepts 65mm petri dish); Slide glass holder (accepts 54mm petri dish); Hemacytometer holder etc. 8. Filters: Epifluorescence Attachment, with field diaphragm, Fluorescence filter block holder, (2 filter blocks mountable, 1 empty position), Barrier filter, Heat absorbing filter, Fluorescence Filters for DAPI, FITC & TRITC. Universal turret type swing-out condenser for bright field, dark field, phase contrast studies with N.A. 0.9 - 1.25 10. The optical system should be of color correction for infinity with antifungal coating. 11. Sturdy stand of anti rust material with long life built-in power supply DiD illumination minimum 50000 hrs. life provides cool light good for live specimen 12. Photograhic attachment: Trinocular model (with light distribution, bino/photo: 100/0, 0/100) to accommodate image documentation, a photo port that accepts various photo micrographic systems, image can be viewed and stored in computer system 13. Digital Camera with not less than 7 Megapixel and with high Resolution 14. Computer requirement with PC workstation with Core is processor CPU, 19" & above LCD/TFT Monitor, 500 GB HDD, DVD Read/Write, 2GB RAM. Key board, Mouse. 15. Power Supply: should include 210-240 V / 50-60 Hz 16. Spares: Lamps 2 No. should be provided 17. Suitable UPS with minimum 1 hrs back up should be provided for constant and continuous voltage maintenance for smooth functioning 18. Sale & secured placement and installation in the designated premises of Guntur medical College 19. & secured placement and installation in the designated VRDL lab, at 2nd floor of regional

	laboratory, within the premises of Guntur medical College 20. Installation should include required electrical accessonies 21. Equipment handing over to The HOD, Dept of Microbiology, GMC Guntur after obtaining 1Q,0Q,PQ 22. Warranty for 3 years and AMC for 5 years valid from day 1Q,0Q,PQ are signed by both parties 23. Shock proof, friction proof, chemical proof, water proof, heat resistant flat firm weight bearing modular work surface for the equipment to avoid wear and tear along with sufficient work space to hold samples and other accessories 24. Calibration certificate with a validity period of atleast 6 months must be provided 25. Demonstration and Induction training to the staff in functioning of equipment. 26. For Validation and induction training, materials must be bear by the company itself 27. Should be IVD or FDA or CE Conformity 28. Technical service support to provide within 24 hours
5	**Flow cytometer** The flow cytometer should be equipped with lasers of following wavelengths and power outputs: a) 488m Solid State blue laser b) 633-642m Solid State red laser c) 405mm Solid state violet laser. 2. The flow cytometer should have capability of 10 fluorescent colors and 12 parameters. For each parameter the flow cytometer should be capable of measuring area, height and width. 3. The excitation and collection optics of all lasers should be fixed requiring no alignment to be done by operator 4. The flow cytometer should have high quality quartz flow cell. 5. The flow cytometer should be automated to start daily routine procedures, such as startup, shutdown, and routine cleaning cycles with the help of clinical software or better software which is evaluated with clinical samples. 6. The flow cytometer should be able to acquire at least 25,000 events per second or higher. The sample carryover must be 70.1%. 7. The system should have compensation capability between all fluorescence channels with online as well as post-acquisition manual and auto-compensation features. 8. The equipment should have digital signal processing with dynamic range of at least 18 bit acquisition or more. 9. The equipment should be operable at 220-230V and 50Hz 10. The Cytometer should have blo-hazard contalment system and proper waste collection and management system. 11. The flow cytometer should have automatic loader carousel with the capability of 28 or more 12 x 75 mm tubes and should automatically loads them in the machine system without operator intervention. 12. The company should provide appropriate starter kits. 13. Minimum two licensed/open software coples for data analysis should be supplied 14. The equipment quoted should be IVD approved. 15. State of art, compatible computer system with latest configuration along with DVD-RW devices, USB ports, 24" or higher Monitor and network ports. 16. The instrument should be able to analyse samples with a minimum volume of ?50 ul. 17. Should supply a high quality printer to take print out of results, reports etc 18. Should supply online UPS with maintenance free batteries, spike protection for minimum one hour backup with full load. 19. A suitable anti-vibration table (with lockable shelves and leg space) should be supplied

	along with the machine 20. Should supply reagents including necessary consumables, Quality control for common assays (if required), lysing solutions (red blood cells), sheath fluids/solutions, tubes and other necessary consumables for a minimum of 2000 assays. 21. Should have safety certificate from a competent authority CE issued by a notified body registered in European commission / FDA (US) / STQC CB certificate / STQC certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
6	**HPLC** **Technical specifications** 1. The HPLC system should be automatedand must be dedicated to Thalassaemia and Haemoglobinopathy testing and screening. 2. The system should be able to screen and quantitate haemoglobins Hb A2, Hb A and Hb Fand detect the most commonly occurring abnormal hemoglobins like Hb S, Hb D, Hb E, HbC, Hb Q- India, Hb D-Iran, Hb Lepore, Hb Saurashtra and other rare abnormal hemoglobinsin both homozygous and in single and double heterozygous conditions. Supporting documentshould be supplied. 3. The system should have the provision of presumptive identification of HbBarts and Hb H and various alpha chain variants like Hb J Meerut, Constant Spring etc. 4. 4 Customer satisfaction certificates from Government laboratories should be offered. 5. 5 The HPLC system should have a dual piston pump so that each elution buffer has a different pump and the bitters vote 6. 6 The method shouldn't take longer than 6.5 minutes to screen for hemoglobinopathies and thalassemia. 7. 7 The kit size should not be of more than 500 tests so that it can be consumed well within the expiry date. 8. 8 The system should have spinning of vacutainer before aspiration to avoid improper sampling 9. 9 The system should have automatic barcode positioning and reading facility. The barcode should be able to anto agn to the 10. 10 The system should have continuous or batch wise sample analysis with random access andsample bas sone seress, 11. 11 The system should have the facility of primary tube sampling and direct dilution of the samples without mars) 12. 12 Complete ready to use reagent kit must be provided with buffers in transparent tanks to renthe levels of buffers orke the run. Columns, primers, calibrators with diluent, CD to upload reagent information (swon as let numbes, engiry sase so that user don't do individual entry and avoid errors) and sample vials must be within the kit as a single ka 13. 13 For the purpose of cost computation per test and result reliability, all necessary regents should be from the same iot 14. 14 The system should have an inbuilt system check facility which checks that all the system parameters les, cartridee, butter. 15. 15 There should be a system which monitors liquid volume by weight and an alarm is generated by softirare it the buffer 16. 16 An automatic sampler module with space for ten sample racks should be included in the system. There are 10 sample spots on each barcoded sample rack. Throughout the run, the system should be capable of losing continuousty.

	17. 17 The system should have devoted computer and software, which enables the system for bidirectional interianing Moreover, the software should have customized reporting format, giving info on the subtype and quantity of hemoglon 18. 18 The system must have a software for real time viewing of the analysis of the sample. 19. 19 It should have an offline CD-ROM and an online chromatogram library which should be a searchable database with more than 400 chromatograms of fully classified abnormal hemoglobins and thalassemias along with their dimical and molecular classification. Also, a hard copy of most commonly occurring hemoglobin variants and thalassemia seen in india as a quick 20. 20 The system should have an on-board QC Menu capable of storing the quality control date and printing the standard 21. 21 The company should provide normal and abnormal third party controls for Hb A2, Hb F and Hib 5 and provide External Quality Assurance Scheme (EQAS) to help compare results with similar users worldwide. 22. 22 The system should have dedicated computer, laser printer and software, which enables the system for bidirectional interfacing. Moreover, the software should glve Information on the subtype and quantity of hemoglobin detected. Also the software should enable result storage of minimum 10000 chromatograms (without any additional purchase of software). 23. 23 The system should be capable of holding 10 racks or more at a time so that it can be used for at least 100 vials at a time. 24. 24 The system should have In-kit external standards for instrument calibration ensuring accurate quantitation of results. The calibration should not be more than 1 point calibration. 25. 25 The software should automatically keep a cartrige/column count and no manual monitoring should be required. 26. 26 The system should be either US FDA/EU CE or ISO 13485 certified or equivalent Indian Standard Certified. 27. 27 The waste tank should be sufficiently big (5 liters or more) so that it reduces user interference with the machine and help in smooth running of large volume of samples without interruption The system should have alarm for overflow of waste tank.. 28. 28 The reagent container should have a capacity of more than 1.5 liters so that the user does not need to change buffers regularly. 29. 29 The company preferably have feature of capillary collection kit for remote sample collection with sample stability at 2-8 C for 14 days. 30. 30 The company must provide a support of factory trained engineers, application specialist and thalassemia expert for the technical and chromatogram interpretation related issues. 31. 31 The instrument provider should also provide training to the scientists and scholars, staffs working, quality control, testing, evaluation and interpretation 32. 32 3 KVA UPS of appropriate rating for 20 minutes backup, 2-ton split AC and table for the holding the HPLC may be supplied along with the machine.
7	**Immuno fluorescence Microscope** Technical specification of INVERTED FLUORESCENCE MICROSCOPE Prescribed Specification 1 1. Infinity-corrected optical system with objectives with a 45 mm parfocal distance supporting fluorescence, brightfield, colorbrightfield, and phase contrast imaging mode 2. System must be a compact integrated unit including: microscope, digital cameras,

	computer, high power fluorescence lighting system for Neurobiology, Immuno-oncology, Live-cell imaging, 3D cell imaging (e.g., organoids, spheroids), Immunohistochemistry (IHC) applications 3. The instrument should have Illumination through five-position chamber for 4 fluorescence iluminators plus brightfield imaging; ght lluminators with integrated hard-coated fiter set and LED light source with >50,000-hour life; broad selection of standard and specialty LED illuminators. 4 Imaging methods by Single color, multicolor, time lapse, Z-stacking, movie capture 5. Condenser - 60 mm LWD condenser; 3- 4-position turret with phase annuli 6.System must include mechanical X/Y stage; travel range at least 120 mm x 80 mm with sub micron resolution 7. Automated focus mechanism with sub micron (0.2 um) resolution (single step accuracy) and mechanical focus wheel with single knob for coarse and fine focus 8.5 position objective turret with front mounted control and Plan Flourite 10x, 20x,40x & 100X objectives to be supplied along with instrument 9. Independent intensity controlled LED illuminators: 04 Nos (DAPI - 357/447 m, GFP - 470/510 nm, Texas Red - 585/624 nm & CY5 635/692) independent high output LED illuminators to be supplied along with instrument. The LED illuminators must have independent intensity control. 10. Fluorescence LED illuminators: Single, interchangeable, easily removable, installed and automatically recognized by the instrument software and adjust the configuration accordingly 11. CMOS Sesor: integrated high-sensitivity 3 MP or better monochrome CMOS sensor with 3.45 micrometer pixel resolution 12. The system must provide a 1-click RGB channel overlay and also able to sequentially acquire a phase contrast image and a fluorescence image with a single mouse click, then overlay them automatically 13. The system should allow user to review, measure, and annotate captured images and count count cells in fluorescence mode post-acquisition 14. The system have option to upgrade to onstage Incubator for precise control of temperature, humidity, and gases for normoxic or hypoxic conditions allows a wide range of biological studies under physiological conditions. Vendor should supply on stage incubator along with the microscope. 15. The Onstage incubator should not have a separate software module or control units and should be controlled by the software and user-interface on the imaging system 16. The system should have a small foot print 17. Networking capability: connection through Windows/SMB network via an Ethernet cable connection and USB 3.0 WiFi dongle. 18. Output file formats: 16 bit monochrome TIFF or PNG, color TIFF, PNG JPG and BMP. 2 Manual Two set of manual and service manual (both hard and soft copy in English) should be suppled with the equipment. 3 Training The manufacturer / soppler of inverted Fluorescence MICROSCOPE should provide 1-3 daye onete training in both hardware and software to the laboratory personnel lo the Installation, operation and maintenance of the Instruments. The suppler or manufacturer should also provide three days apolleations training. 4 Pre-Installation Requirements Complete technical details of pre Installation requirements should ba furnished along with the technical bid. Birla Institute of Technology, Mesra will only provide the Installation room, alr-

	conditioning units and required electrical outlets. Vendors are expected to supply all other installation accessories, Infrastructures, facilities and services required for successful installation and smooth operation of the equipment. Vendors may conduct the site survey before installation at no additional cost. 5 Warranty of 1 year should be quoted. The suppler should provide comprehensive warranty for one year for all components without any additional cost to the purchaser form the date of satisfactory commissioning of equipment. Components Include all parts (accessories/ consumables / spares parts) of the equipment. All accessories/ consumable/ spare parts replaced shall be from OEM/ Suppler of same model or higher version. If within a period of three years after commission, any accessory / consumable/ spare part is proved to be defective then such product shall be replaced by the manufacturer / supplier. Such replacement shall be sole obligation of manufacturer / suppler, Including payment of charges for freight delivery, custom duty and transportation, if any.
8	Lyophilizer
9	Microfuge Technical Specifications: 1. Equipment should be Compact, Easy, Quiet, low vibration, Tool -free operation 2. No refrigeration required 3. Should have Quick-spin feature 4. System should have 12-place 1.5ml to 2ml tube fixed angle rotor 5. System should have additional rotor for 4 x 8 strips with quick rotor exchange 6. System should have Imbalance and tilt safety cut-out 7. System should have safety interlock lid System designed to prevent opening while rotor is on 8. Back-lit, digital display that can be set for rpm or RCF 9. Should have Maximum Speed 12,000rpm to 14,000rp 10. Net Weight should be less than 2 kg 11. Timer: 1 sec to 30 min with 1 sec increments 12. Power supply: 110-240V 50-60 Hz 13. Safe & secured placement and installation in the designated premises of Guntur medical College 14. Installation should include required electrical accessories 15. Equipment handing over to The HOD, Dept of Microbiology, GMC Guntur after obtaining IQ,OQ,PQ 16. Warranty for 3 years 17. Calibration certificate with a validity period of at least 6 months must be provided 18. Demonstration and Induction training to the staff in functioning of equipment. 19. Should be IVD or FDA or CE Conformity 20. Technical service support to provide within 24 hours
10	Real-time PCR machine (Calibrated for the fluoro phoredyes with UPS 2KVA Technical Specifications: 1. Automated table top model real-time PCR 2. Complete system include basic system, essential accessories, the state-of-art computer, work station, acquisition and analysis software, startup kit inclusive of calibration standards etc. 3. Interactive touch-screen interface allows to manipulate view to a particular graph or data point 4. Option to pause a real-time PCR run on demand Preoptimized protocol templates allow quick selection of default protocols for standard

	applications 6. Locked workflow feature allows for experimental consistency in tightly controlled environments 7. Should be open system to accommodate Taqman, SYBR green and all other fluorescent dye based chemistries 8. Should be open system to accommodate any kind of kits from any manufacturer 9. Should have peltier based 96 well block 10. Standard optical 96 well plates, 0.2 ml strips, 0.2ml tubes compatibility 11. Minimum sample value requirement - 5ul 12. System should be capable of running 2 to 6 individual programming in the same run with different set of temperature 13. CCD camera with LED and at least five excitation and five emission filters 14. Multiplexing ability up-to minimum 6 dyes in a single run 15. Calibrated dyes at installation: FAM/SYBR Green, VIC/JOE, NED/TAMRA/Cy3, ROX/TexasRed®, and CyS, also should offer flexibility in dye selection. 16. Facility to calibrate new dye within the wavelength range without addition of new filters 17. Passive reference dye ROX or any other calibrated dye should be provided for normalization of reaction due to non-PCR related fluctuations such as pipetting variations 18. Option for melt curve analysis should be provided 19. Temperature range 4° C to 100° C 20. Temperature Accuracy: #0.25°C (35°C- 95°C) of set point/ display temperature measured at 3 minutes after clock start 21. Temperature Uniformity: #0.50°C, 30 seconds after clock start 22. Block ramp rate should be 6° C / Sec 23. Sensitivity: Detection of I copy of template 24. A computer system with color printer should be provide with the equipment 25. Streamlined software for improved usability and analysis response time 26. Software applications to provide: Comparative CI, Standard Curve, Relative Standard Curve, Allelic Discrimination/SNP Genotyping, Plus/Minus, dissociation / melt curve; multiplexing and complete End-point assays, Gene-Expression analysis, Pathogen quantitation etc. 27. System should run in Fast and Standard mode. 28. System should have on board memory of minimum 10GB 29. Application software like dedicated primer and probe design software as well as relative quantitation analysis software to analyse multiple 96-well-plates of data simultaneously must be included 30. Should be able to provide pre-validated and functionally tested Gene Expression Assays as well as SNP Genotyping Assays and the flexibility to design specific assays for new templates of interest based on requirement 31. Power supply :- 220 V /50Hz 32. IVD or FDA or CE or BIS Certificate. 33. Continuous ambient temperature maintenance for equipment for smooth operation 34. Safe & secured placement and installation in the designated premises medical College 35. Installation should include required electrical accessories 36. Equipment handing over to The HOD, Dept of Microbiology, after obtaining 1Q, OQ, PQ 37. Shock proof, friction proof, chemical proof, water proof, heat resistant flat firm weight bearing modular work surface for the equipment to avoid wear and tear along with sufficient work space to hold samples and other accessories 38. Warranty for 3 years and CMC for 4 years valid from day IQ, OQ, PQ are signed by both parties.

	39. Calibration certificate with a validity period of at least 6 months 40. Demonstration and Induction training to the staff in functioning of equipment. Refresher training to staff as and when changes in versions, soft wear, methods, techniques, up gradation are made by manufacturer. Relevant certificates to be issued. 41. For Validation and induction training, materials must be bear by the company itself, Reagents for 100- 500 reactions should be provided with the instrument. 42. Suitable UPS with minimum 2hrs back up should be provided for constant and continuous voltage maintenance for smooth functioning 43. Technical service support to provide within 24 hours
11	**Ultra-centrifuge > 14000 RPM** **Technical Specifications:** 1. Should have temperature range: " - 4°C" to "+40°C" 2. Should have Speed of 14000 rpm or more 3. Should be a Table top Model 4. Should have fast temperature option for pre-cooling of the chamber 5. Should have acceleration time of around 15 sec 6. Should have braking time of 15 Sec and with soft brake function 7. Should have digital display for temperature, time and RPM/RCF and microprocessor controlled 8. Timer should be equipped with 0-99 Min and hold Mode. It should start when set speed is reached 9. Emergency lid opening should be at the front side of the centrifuge 10. Should be provided with short spin option & lid lock option 11. Values can be change during centrifugation 12. Imbalance cutout 13. Automatic rotor recognition option with speed limitation for maximum safety 14. Drive system should be brushless direct current 15. Internal memory should contain 90 - 99 programmes, with programme recall facility 16. Should be provide with fixed angle rotor with capacity 24x1.5ml / 2ml tubes and should provide adaptors for 0.5ml, 0.2ml PCR Tubes 17. Should provide Swing out Rotor with capacity 250ml and adopters for 50ml, 15ml, 10 ml, 5ml falcon tubes 18. Should provide easily changeable swing out Rotor with accessories for microplate 19. Auto shut-off should engage after 6 to 8 hours of non-use to reduce the energy consumption and extend compressor life 20. Should have certification of FDA / IVD / CE/ BIS 21. Power Supply: 210-240V 22. Noise levels should be less than 60Hz 23. Should have inbuilt condensation drain to prevent corrosion 24. Should have at least 10 different acceleration and breaking ramps to protect sensitive samples 25. Shock proof, friction proof, chemical proof, water proof, heat resistant flat firm weight bearing modular work surface for the equipment to avoid wear and tear along with sufficient work space to hold samples and other accessories. 26. Safe & secured placement and installation in the designated premises of Guntur medical College 27. Installation should include required electrical accessories 28. Equipment handing over to the HOD, Dept of Microbiology, after obtaining 1Q, OQ, PQ. 29. Warranty for 3 years and CMC for 4 years valid from day IQ, OQ, PQ are signed by both

	parties. 30. Calibration certificate with a validity period of at least 6 months should be provided 31. Demonstration and Induction training to the staff in functioning of equipment. 32. For Validation and induction training, materials must be bear by the company itself 33. Suitable UPS with minimum 1hrs back up should be provided for constant and continuous voltage maintenance for smooth functioning 34. Technical service support to provide within 24 hours.
12	**UV Transilluminator with photography** **Technical Specifications:** 1. Gel imaging system to should able to visualize Stained protein gels (coomassie, silver. UV light-excited fluorescent stains). 2. Gel imaging system to should able to visualize Stained nucleic acid gels (ethidium bromide and other UV light-excited fluorescent stains). 3. Should be provided with UV and visible light transillumination, motorized zoum lens; Transillumination and epi-illumination. 4. Technology to avoid UV tube background noise. 5. Camera-high speed USB technology for faster image captures and download and auto focus configuration. 6. Auto exposure setting for optimum image exposure time 7. Camera with native image resolution 2600(H) X 1950(W) with resolution- 5 megapixel or more. 8. Excitation source- Trans-UV 254, 365m; 9. Wide transillumination area 10. Provided with PC with printer and Software compatibility Windows 11. Software with multi user licensed analysis software for image enhancement image analysis including molecular weight calculation, band quantification, distance calculation or suitable display. 12. Filter wheel with F-590 emission filter should support for ethidium bromide, SYBR Gold, Gel orange, Gel Red, Gel Green, Lumitein, SYPRO Ruby, Qdot, SYBR sfe etc. 13. Compatible with different gel formats including precast gelse.g. E-Gel Agarose gels, Nu PAGE NoveBis- Tris Gels) and pour-it-yourself gels (agarose or polyacrylamide) 14. USB - 3.0 interface for faster image transfer 15. Equipment must have dark room facility with full slide out UV transilluminator on pull-out rails for comfortable work 16. UV safety shutoff with widely accessible door to handling gels while placing or moving gels on transilluminator table 17. Transilluminator should have Super bright technology so as to have publication quality gel image 18. Software should have Apps Studio, a complete library of applications to ensure reproducibility and ease of use. 19. Should have 3D Dynamic Scan feature to understand saturation and to rule out artefacts 20. Safe & secured placement and installation in the designated premises of Guntur medical College 21. Installation should include required electrical accessories 22. For validation and induction training, materials must be bear by the company itself. 23. Shock proof, friction proof, chemical proof, water proof, heat resistant flat firm modular work surface for the equipment to avoid wear and tear along with sufficient work space to hold samples and other accessories.

24. Equipment handing over to The HOD, Dept of Microbiology, GMC Guntur after obtaining IQ, OQ, PQ
25. Warranty for 3 years and CMC for 4 years valid from day IQ, OQ, PQ are signed by both parties.
26. Calibration certificate with a validity period of at least 6 months.
27. Demonstration and Induction training to the staff in functioning of equipment.
28. Refresher training to staff as and when changes in versions, software, techniques, up gradation are made by manufacturer. Relevant certificates to be issued.
29. Suitable UPS with minimum 1hr back up should be provided for constant and continuous voltage maintenance for smooth functioning
30. Should be IVD or FDA or CE Conformity/BIS.
31. Technical service support to provide within 24 hours.

13

Virology Service Laboratory shall be a BSL-2 level laboratory, it includes the following areas
Sample receiving area
1.Handwashing & PPE donning/doffing zone
2.Designated area for Biosafety cabinet and sample handling
3.Designated pre-PCR (RNA extraction & template addition), PCR (for running the assay) and post PCR (for result interpretation & analysis) rooms
4.Space for handling biomedical waste

Tutorial Rooms. The minimum number of Tutorial rooms in the medical college for Pre and Para Clinical Departments for various intake of MBBS students annually to be shared hy all departments, shall be as indicated in the table below (each tutorial room shall provide at least 1.2 sq. M/student

Annual MBBS student intake	No. of teaching room	
	25 seating capacity	50 seating capacity
100	2	1
150	4	4
200	7	7
250	9	9

b. Student Practical Laboratories. There shall be 8 student practical laboratories, one each for Histology. Clinical Physiology, Biochemistry. Histopathology & cytopathology.
Chnical pathology & Hematology, Microbiology. Clinical Pharmacology. and Computer Assisted Learning (CAL) in Pharmacology. The Clinical pathology/Hematology laboratory will be shared between Physiology and Pathology, and Forensic Medicine shall utilize the Histopathology & cytopathology laboratory for practical work.
Each laboratory shall have capacity to accommodate at least 60 students, The laboratories of Histology, Biochemistry. Histopathology & cytopathology. Clinical pathology & hematology. and Microbiology shall have 60 work stations fitted with water laps, sinks. and electric points. The Biochemistry, Histopathology and Microbiology laboratories shall in addition have gas/electric burners at each student's work station.
Each laboratory shall have additional rooms as required for technical staff, stores. equipment storage, etc. Each lab shall provide for at least 3.5 sq.m/per student. which shall be sufficient for workbenches. teaching area for 20 students, stores and room for technical stall. All the above-mentioned laboratories shall have audio-visual and internet facilities and be linked digitally to all other teaching areas i.e. Lecture theaters, tutorial rooms and museums.

	c. Museum: There shall be at least 3 museums in the college ie. I (one) for Anatomy. 1 (one) to be shared by Pathology and Forensic Medicine, and 1 (one) to be shared by Pharmacology, Microbiology and Community Medicine. In addition to the display area, each of these museums shall also have sufficient space to seat at least 50 students and shall have audio-visual and internet facilities and be linked digitally to the Lecture theaters. tutorial rooms and practical laboratories. The museums shall have adequate racks and shelves for storing and proper display of wet and dry specimens (where applicable) and models. There shall also be adequate facilities for displaying and viewing radiological and digitalized images.
14	Software for preparing and printing post-mortem report etc
15	**Densitometer with computer** FEATURES: Automatic density and dot gain (3-levels) Gray balance and trapping rotation Pantone and Spot Colour matching. Automatically switches modes, eliminating the need for the operator to memorize menus or button sequences. Unique "Traffic Light" system shows the operator if they are in or out of tolerance, and the correction needed High efficiency LED illumination eliminates SPECIFICATIONS: Light Source: RGB LED's, 45/0° geometry Aperture: 3mm standard, 2mm or 1mm optional Range: 0.00 - 2.50D Dot Area - 1% to 100% Measuring Speed: 0.5 seconds, Linearity ± 1% Target Recognition: Automatic Infrared Detection Graphical Display: 160x80 pixels, 4 gray levels Batteries: (2) AA alkaline >500,000 measurements Serial Interface: USB Polarization: Optional Dimensions: 6.9x3x1.9 inches (175x76x47mm) Computer i5 processor Certificates: Notified CE/BIS/FDA and ISO 13485

16	**Spectrophotometer** 1. Spectrometer has 3648 –element CCD array detector for wavelength range of 200-1100 nm giving a resolution ~1.7nm with a 25um entrance slit installed. L4 collection lens installed. 2. High power Deuterium Halogen light source suitable for Absorption/Transmission and Reflection measurements covering the range 215-2500 nm. 3. 400µm premium grade optical fiber 1 m length. 4. 200µm premium grade optical fiber 1 m length. 5. 4-way cuvette holder. 6. Pair of quartz cuvettes with lid. 7. Cross-platform Spectroscopy software compatible with above spectrometer. 8. Compatible latest computer. 9. Spare Deuterium Bulb for DH2000, 210-400 nm, 1000 hrs 10. Spare Halogen Bulb for all DH2000, 360-2500 nm, 900 hrs 11. Reflection measurement setup for powders/solid samples: 400um Reflection probe, Reflection probe holder, White reflection standard PTFE 12. Set of laser diodes 3-5mW with power supply 300,350, 405, 532, 635, 650, 740, 820nm one each for Fluorescence peak measurements
17	**OAE Impedance audiometer** Facilities and tests Tympanometry, Acoustic Reflex, Reflex Decay, Quick test: Check, screening and Decay, Acoustic Reflex Latency test (ARLT), Multifrequency Tympanometry, EFT (intactand perforated) Accessories Probe assembly with contra headphone and insert receiver Built-in fast thermal printer/Printout through Laser printer (Laser printer should beprovided). Data transfer to PC cable Data storage PC software Computer Desktop with laser printer Standard UPS Tympanometry 226 HZ for Admittance (Y) curve tympanometry 1000HZ for Admittance (Y) curve tympanometry INTENSITY 226 HZ : 85 dbSPL ADMITTANCE MEASUREMENTS Compliance range: 0.05 up to 7 ml AIR PRESSURE Control : automatic and manual Range : from +400 up to -600daPa adjustable in 50 daPa steps Pressure accuracy : 10 daPa or ±10% Sweep rate : 50,100,200,300 daPa/sec and automatic Safety limitations : -800 up to +600 daPa EUSTACHIAN TUBE FUNCTION EFT test for use with both intact and perforated eardrums
18	**Auto strainer** 1 Description of Function 1.1 Automatic Slide Stainer is used for staining histological and cytological slides. 2. Operational requirements 2.1 Should be programmable for routine H & E & other special stains with facility for imuno-

	histochemical stains & memory of various staining procedures 3 Technical Specifications 3.1 Should hold about 80 slides per basket 3.2 Basket chemical capacity 750-1000ml 3.3 At least 2(two) water stations with 24 work stations, (Programmable) with timing in minutes & second & facility for single & double load. 3.4 Agitational facility 3.5 Can be connected with any make automatic cover-slipper 4 System Configuration Accessories, spares and consumables 4.1 System as specified- 4.2 Bio chemical baskets - 6 Nos. 4.3 Slides Hangers - 4 Nos 4.4 All consumables required for Installation and standardization of system to be given free of cost. 5 Environmental factors 5.1 The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90% 5.2 The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90% 5.3 A fume hood completely covering the slide plates to prevent hazardous fumes from entering the lab area and an activated charcoal filter to minimize solvent vapors should be provided. 6 Power Supply 6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug 6.2 Voltage corrector/stabilizer of appropriate ratings meeting 151 Specifications. (Input 160-260 V and output 220-240 v 6.3 Suitable UPS with maintenance free batteries for minimum one-hour back-up should be supplied with the system. 7 Standards and Safety 7.1 Should be FDA or CE approved or ISI marked product 7.2 Comprehensive warranty for 2 years and 5 years AMC after warranty 7.3 Should be compliant with IEC 61010-1: covering safety requirements for electrical equipment for measurement control and laboratory use. 7.4 Should comply with International Electromagnetic Compliance standards like IEC OR EMC Directives. 8 Documentation 8.1 Certificate of calibration and inspection from factory. 8.2 list of equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual 8.3 User/technical/Maintenance manuals to be supplied 8.4 list of important spares and accessories with their part number and costing 8.5 Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
19	**<u>Biosafety Cabinet Type - 2A</u>** **Technical Specifications:** 1. Should have certification of NSF 49/EN1249 or NSF/ANSI 49 2. Approximately 4 Feet length and 2 feet depth 3. Support stand provided with leveling bases

	4. 304 stainless steel interior with minimum 19 gauge 5. Epoxy-coated Galvanised Iron sheet with anti-microbial Powder Coated and thermosetting Powder Coated 6. Germicidal UV lamp with automatic cut off for UV tube when the door is open 7. UV light must be programmable with timer setting to allow for specific exposure times from 0 to 24 hours. 8. Front window must have 10" to 20"sash opening with door- fully closing option 9. Side walls UV absorbing colourless tempered glass 10. Top mounted motor 11. Foot rest must be present to prevent fatigue of the person working 12. Raised arm rest to provide comfortable working posture and prevent grille blocking 13. Rounded joint less corners of the interior 14. Motor should be Brushless DC and must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions. 15. Stainless Steel removable drain collection system for easy cleaning 16. The microprocessor must display visual indicator on the front side for the following features: Hours of operation display, Inflow velocity display, Down flow velocity display, Night Set-Back mode display, UV on and receptacles on display, Operating airflow speed display 17. System should have ULPA filters for highest safety of the persons and environment 18. Circulation is of Class 100, Supply and exhaust through ULPA filters 19. ULPA filters must be removable from front of unit and serviceable 20. Scan-tested, zero-probe ULPA filters with 99.999% efficient particle size of H15 to H 17 and should meet EN1822 standards 21. Inflow velocity of 105 fpm (0.5 m/sec) & Down flow velocity of 55 fpm(0.3 m/sec) 22. Must be provided with alarms for both down flow and inflow velocity to alert any variation more than 10% to 20% from set values 23. System should have ULPA exhaust and final filtration 0.112 Microns with an efficacy of 99.9995% and anti —Microbial treated media 24. Should provide filter life indicator option 25. Noise levels less than 60 Db 26. Power Consumption in Normal mode : 200W 10% 27. Must contain two electrical socket 5 and 15 amps 28. Lighting > 1000 Lux 29. Auto purge holes located at the front and side walls to eliminate eddy currents and dead air pockets in the critical area behind the sash window 30. Suitable servo power stabilizer should be provided for continuous smooth functioning 31. Safe & secured placement and installation in the designated premises of Gimur medical College 32. Installation should include required electrical accessories 33. Equipment handing over to the HOD, Dept of Microbiology, after obtaining 1Q, OQ, PQ 34. Warranty for 3 years and CMC for 4 years valid from day 1Q,0Q,PQ are signed by both parties 35. Calibration certificate with a validity period of at least 6 months must be provided 36. Demonstration and Induction training to the staff in functioning of equipment. 37. Should be IVD or FDA or CE Conformity/ BIS 38. Technical service support to provide within 24 hours

Note:- All other accessories price break-up must be submitted.

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 similar equipment as specified in the schedule of requirements to any Indian Institutions, up to the following quantity in any one of the last three 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

- **Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate Section XI. The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished.**

- 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 both processes and products such as ISO 9001 (Quality Management System for Organization) and ISO 13485 (Quality Management System for Medical Devices).

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.

7. In past performance documents related to Trading will not be considered

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.

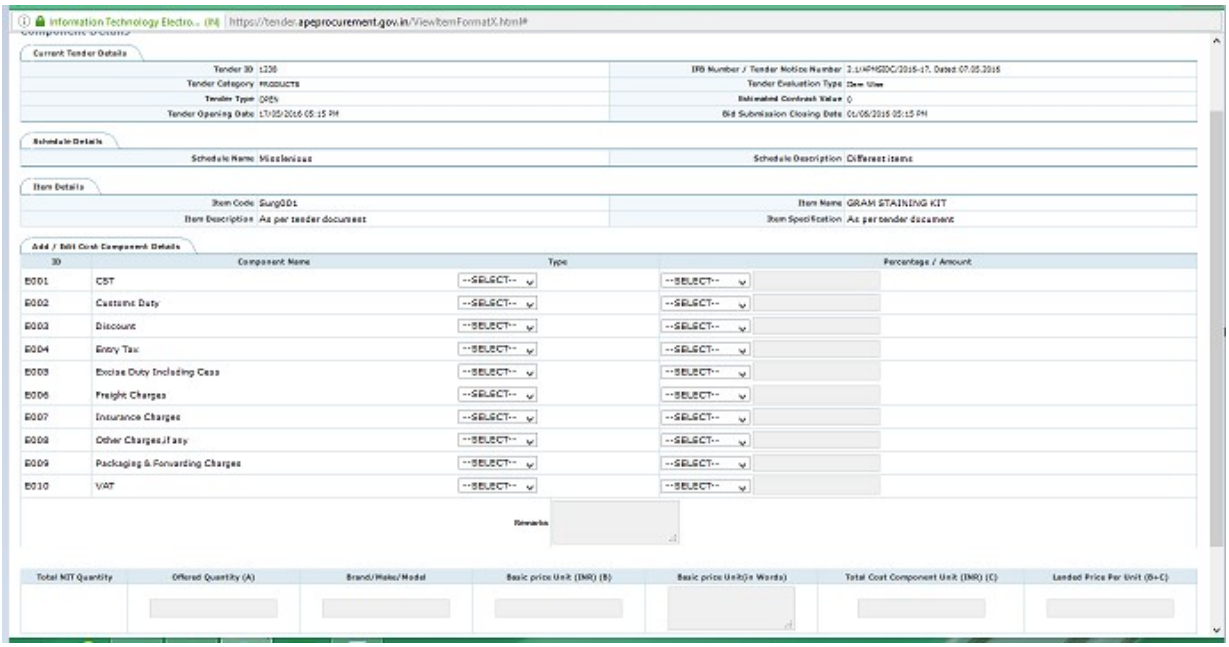
Dated this _____ day of _____

Signature: _____

(in the Capacity of) : _____

Duly Authorized to sign bid for and on behalf of

Section VII (B) - Model PRICE Schedules (available on e-procurement Platform)



Current Tender Details

Tender ID :1336	IFB Number / Tender Notice Number :2.1/APMSIDC/2015-17, Dated:07.05.2015
Tender Category :PRODUCTS	Tender Evaluation Type :Item Wise
Tender Type :OPEN	Estimated Contract Value :0
Tender Opening Date :17/05/2016 05:15 PM	Bid Submission Closing Date :01/06/2015 05:15 PM

Schedule Details

Schedule Name :Miscellenious	Schedule Description :Different items

Item Details

Item Code :Surg001	Item Name :GRAM STAINING KIT
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--	--SELECT--
E002	Customs Duty	--SELECT--	--SELECT--
E003	Discount	--SELECT--	--SELECT--
E004	Entry Tax	--SELECT--	--SELECT--
E005	Excise Duty Including Cess	--SELECT--	--SELECT--
E006	Freight Charges	--SELECT--	--SELECT--
E007	Insurance Charges	--SELECT--	--SELECT--
E008	Other Charges,if any	--SELECT--	--SELECT--
E009	Packaging & Forwarding Charges	--SELECT--	--SELECT--
E010	VAT	--SELECT--	--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)

SECTION – VIII
Bid Security Form

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 THIC 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(CA):
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 (2020-21)	Year 2 (2021-22)	Year 3 (2022-23)	Average Annual Turnover
Turn Over (In Rs. Crores)				

B. Details of Net Worth

	Year1 (Last Financial Year i.e. as on 31st March 2023)
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(CA):
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 (2020-21)	Year 2 (2021-22)	Year 3 (2022-23)	Average Annual Turnover
Turn Over (In Rs. Crores)				

B. Details of Net Worth

	Year1 (Last Financial Year i.e. as on 31st March 2023)
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(CA):

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 comprehensive warranty/CMC/AMC 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 also hereby undertake to provide full guarantee/warrantee/CMC/AMC as agreed by the tenderer in the event the tenderer is changed as the dealers or the tenderer fails to provide satisfactory after sales and service during such period of comprehensive warranty/CMC/AMC and to supply all the spares/ reagents during the said period.

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/-	Online
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	Online & Offline
6	Past Performance Details Format B1 along with supporting documents	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- (Last 3 years), PAN and GST 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	Online & Offline
16	Full Quality Assurance System Approval Certificate Management System Certification for Medical Devices and their equivalent International Standards certificates (USFDA/Notified CE/BIS etc)	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 tenderer	Online & Offline
20	Declaration form	Online & Offline

Sl. No	Document Description	Documents to be submitted
21	DPIIT approval (If applicable)	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.

(On Firm letter Head) **Annexure - I**

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

INSTALLATION CERTIFICATE

(to be fiiled 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 the time of installation?			YES / NO
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 □ NO □		The equipment is working satisfactorily YES □ NO □	
The equipment was installed and handed over on *(Installation date to be fiiled 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.

Annexure - II

On Consignee letter Head

Dt:_____

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

THREE MONTHs PERFORMANCE CERTIFICATE

(to be fiiled 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 □ NO □	
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 □ Not working satisfactorily □
Recommended to settle the final payment	YES □ NO □
Recommend for trial run for one more month	YES □ NO □
Performance of accessories supplied	
Further Training	Required □ Not required □
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: Seal of supplier:		Date: Hospital Seal :	

Annexure - III

ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE DEVELOPMENT CORPORATION (APMSIDC)

WARRANTY CERTIFICATE

(to be fiiled 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: Signature: Seal:	Name of the Supdt. / End User: Signature: Seal:

Annexure - IV

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 :

Make:

Model

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

Signature :

Date :

Name of the
Firm and address :

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 □ relevant box)		
5	Original Equipment Manufacturer			Authorized Dealer /Representative		
	Direct Importer			Others, specify.		

Annexure-VIII

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.	