GOVERNMENT OF ANDHRA PRADESH

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

TENDER DOCUMENT

FOR

Procurement and supply of Equipment and other items to Kidney Care Research center Palasa in Andhra Pradesh with 2 years rate contract. (e- Procurement)

Tender Notice No. : **2.4A/APMSIDC2023-24, Dt: 10.07.2023.**

Name of the Agency and Address : ……

……

……

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. 2.4A/APMSIDC/2023-24, Dt: 10.07.2023.

1. Bids are invited on the e-procurement platform for certain medical equipment as described in the Section V- Schedule of Requirements from the eligible manufacturers/Authorized Distributors. The details of bidding conditions and other terms can be downloaded from the electronic procurement platform of Government of Andhra Pradesh i.e. https://tender.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 Demand Draft drawn in favour of Managing Director, APMSIDC, Guntur.

   b) Further the bidder/s shall furnish, as part of it bid, the Bid security for the amounts specified in the Schedule of Requirements (Section –V) to be paid in 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 04-08-2023 to 18-08-2023 up to 02.59 PM
2.	Queries up to	07-08-2023 @ 11.00 A.M
3.	Due date for Receipt of tenders	18-08-2023 up to 03.00 PM
4.	Time and date of opening of technical Bids	18-08-2023 @ 03.01 PM
5.	Time and date of opening of financial bids	18-08-2023 @ 5.00 PM

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

8. **Procedure for Bid Submission**

   a. The Tenderers/Bidders who are desirous of participating in e-procurement shall submit their Technical bids, price bids etc., in the Standard formats prescribed in the Tender documents, displayed at e-procurement market place.

   b. The bidders shall sign on all the statements, documents, certificates, uploaded by them, owning responsibility for their correctness / authenticity.

   c. The hard copies of all the uploaded Technical / Price bid, to be attested by a Gazetted Officer or properly notarized.

   d. The Corporation shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the tenderer are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the EMD will be forfeited.

   e. The Corporation will not hold any risk and responsibility for the loss in transit during uploading of the scanned document, for the invisibility of the scanned document online, and any other problem(s) encountered by the Tenderers while submitting his bids online.

9. **Important Instructions to the Bidders:**

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

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

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

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

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

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

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

SECTION - II : INSTRUCTIONS TO BIDDERS

TABLE OF CLAUSES

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 18-08-2023**. The envelopes shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it declared “late".

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

19. Deadline, for submission of bids.

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

19.2 The purchaser may, at its discretion, extend this deadline for submission of bids by amending the bid documents in accordance with clause 7, in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids.

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

21. Modification and Withdrawal of Bids.

21.1 No bid may be modified subsequent to the deadline for submission of bids.

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

E. Bid Opening and Evaluation

22. Opening of Bids by Purchaser

22.1 The Purchaser/or his authorized representative will download the technical bids on **18-08-2023** 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 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.

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.

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

Sl. 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. 2019-20, 2020-21 and 2021-22
1. Microbiology Lab/ Biochemistry Lab items						
1	Weighing Scale Digital	1	3	4	17,800	14,82,500
2	Incubator	2	3	4		
3	Bunsen Burner	1	3	4		
4	Electrophoresis	1	3	4		
5	Colony Counter Digital	2	3	4		
6	Spectrophotometer	1	3	4		
7	Brushless Centrifuge 8 tubes	1	3	4		
8	Brushless Centrifuge 12 Tubes	2	3	4		
9	Rotor/ Shaker machine	2	3	4		
10	Roller Mixer	1	3	4		
11	VDRL shaker	1	3	4		
2. Biochemistry Lab items						
1	Automated Extraction Machine – 96 Wells	1	3	4	75,000	62,50,000
2	Thermal Cycler -96 Wells	1	3	4	75,000	62,50,000
3	Immunoassay autoanalyzer	1	3	4	75,000	62,50,000
3. Histopathology Lab Items						
1	Fully automated Urinary Analyzer	1	3	4	3,000	7,50,000
4. OPD/Diagnostic/ Research LAB Items						
1	Uroflow Meter	1	3	4	15,000	12,50,000

2	Renal/Kidney Stone Analyzer	1	3	4	15,000	12,50,000
5. Pediatric Items						
1	Vein Finders Infra-red with stand	1	3	4	17,700	14,75,000
2	Neonate Cooler	2	3	4		
6. ICU item						
1	Multipara monitor with ETCO2	2	3	4	18,000	15,00,000
7. Furniture items						
1	BMW Bins Set of 3	8	3	4	6,225	5,18,750
2	Dust bins	50	3	4		
3	Nebulizer	10	3	4		
4	Refrigerator	5	3	4		
8. Radiology Items						
1	Digital X-ray Machine,500mA	1	3	4	1,20,000	1,00,00,000
2	CR System	1	3	4	36,000	30,00,000
9. OT items						
1	Pneumatic Lithotripter	2	3	4	1,50,000	1,25,00,000
2	AV fistula Instruments Set	2	3	4	2,400	2,00,000
3	Binocular Loupes with LED Loupe Light	2	3	4	48,000	40,00,000
4	OT Table, Fully Loaded (With Urology Accessories)	3	3	4	36,000	30,00,000
5	General surgery set	1	3	4	1,800	1,50,000

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

Note: 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

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.

Note:

1. **All the bidders noted that each grouping items should be quoted individual prices in financial bid of attached document compulsory.**
2. **CMC prices separately provision given. All the bidders quoted accordingly.**

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.**

Microbiology Lab/ Biochemistry Lab

1. **Monopan analytic weighing scale**

Complete with glass wind shield and one touch.

Function key having sliding door opening/closing system.

1. Overload Protection

2. Levelling feet and Level indicator

3. Anti-theft device

4. In built RS-232 WITH USB to connect PC.

5. Back lit display

6. Maximum Capacity : 220 gm.

7. Readability : 0.1 mg.

8. Repeatability : 0.1 mg.

9. Linearity : 0.2 mg.

10. Response time: 2 sec.

11. AC Adapter 230 Volts.

12. Tare range full.

13. Platform dimension: 90 mm.

14. Balance dimension : 347x204x345 mm (L X W X H)

15. Protective Covers

2. Incubator

1. The temperature should be controlled by the microprocessor based digital temperature controller

with LED Display along with provisional for manual thermometer recording

2. Inner Chamber Capacity : 120 L

3. Temperature Range : ambient to 800c

4. Interior Chamber : Stainless steel for easy cleaning and decontamination , rust free

5. Digital display of temperature and time

6. Timer : 1 minute to 100 hours and hold position

7. Heating and Natural convection for homogenous temperature distribution

8. Temp. accuracy : +/-10c

9. Inner chamber should have transparent glass / fiber door for observation

10. Minimum 2 adjustable shelves

11. Power 230+/- 10V, 50 Hz

12. The equipment should be ISO 13485 and CE

General Requirements:

** Warranty : Three (3) years warranty**

** User / Technical / Maintenance Manuals in English to be supplied**

** List of important spare parts and accessories with their part numbers**

** Certificate of calibration and inspection from the manufacturer**

** Attach original manufacturer's catalogue and specification sheet. Photocopy / computer print will not be accepted. All technical data to be supported with original product data sheet.**

** Satisfactory working of quoted model from institute repute**

Valid ISO 13485 and CE / BIS / USFDA

3. Electric Bunsen Burner

1. Electrothermal Electric Bunsens combine the advantages of a regular gas burner with the clean, easy operation of our electric heaters.

2. Corrosion-resistant and cool-to-the touch base.

3. Radiation from the heater is directed upwards to a focal point.

4. The Electric Bunsen is ideal for heating test tubes, crucibles, small flasks and beakers, regardless of their shape.

5. To control the heating of resistive loads such as Electric Bunsen, Heating Mantles, Heating Tapes and Cords for bench top operation delivering up to a maximum of 800 watts.

6. A rod support clamp is provided at the rear of the controller to take a standard 12.5mm diameter rod.

7. Conical shaped heating element directs radiant heat to the top cavity

8. Top cowl deflects heat away from your hand

9. Air circulation from the vented housing keeps the base cool enough to hold during operation

10. 230v 50/ 60Hz, 480W

4. Electrophoresis machine

VERTICAL GEL ELECTROPHORESIS

1. No. of gels: 2

2. cassette size: 9-10 x 8-9cm

3. Glass plate size: 10cm X 10cm

4. Short plate : 10-11 x 7-8 cm

5. Spacer plate: 10-10.5 x 8-9 cm

6. Total buffer volume: up to 1000 ml

7. Typical run time: up to 45 minutes

8. It Should be supplied with combs (various sizes), glass plates, Casting stands, casting frames,

sample loading guide, electrode assembly, tank, lid with power cables, buffer dam

9. Mini horizontal electrophoresis System

10. Cell size: 9-10 x 25-27 x 5-6cm

11. Sample Through put : 8 – 30

12. Base buffer volume : 270 ml

13. Gel Tray Size: 7-8 x 10 cm

14. Should be supplied with gel caster, UV-transparent plastic tray with compatible size, combs: at least

with 8 & 15 well

POWER PACK

1. Voltage: 10-300 volt

2. Current: 4-400 mA

3. Power : 75-100 watt

4. Timer: 1- 999 minutes.

5. Output should be provided for 4 sets in parallel, LED display etc.

6. The power pack should have: No load detection, sudden load change detection, overload and short

circuit detection, over load protection.

7. Constant voltage and constant current output

8. The capability to pause and resume the electrophoresis run

5. DIGITAL COLONY COUNTER

1. DIGITAL COLONY COUNTER is used for Counting colonies and measuring inhibition zone sizes
for determination of microbial count

2. It should provide uniform, lighting of round or square culture dish up to 100 mm wide.

3. Viewing area is illuminated obliquely by a peripheral metal reflector.

4. Field is magnified by a 1 to 7 mm lens,mounted adjustably on panel.

5. It should provide a manual electrode which used to touch the surface of culture colony at each
point being counted

6. Count is totalized automatically on a 5 digit register, reading to 99,999

7. A pushbutton to reset to zero.

8. All consumables required for installation and standardization of system to be given free of cost.

9. Power input to be 220-240VAC, 50Hz fitted with Indian plug

10. Should be FDA or CE or BIS approved product

11. Three years warranty

6. UV/VIS Spectrophotometer

1. Table top Spectrophotometer

2. Light Source: Xenon lamp

3. Dual-beam uv-vis

4. Wavenumber Range: 230-750 nm

5. Wavelength resolution: less than 5 nm

6. Wavelngth accuracy: less than 1nm

7. Spectrophotometer should be supplied with a Notebook computer that is adaptable for analysis of
kinetic applications. Minimum Specification of notebook are RAM4 GB DDR3, HDD Capacity500 GB
HDD, Processor Intel Core i3, 1.7 GHz 3 MB cache, Screen Size 15.6 inch.

8. Compatible for wavelength scanning, presorted life science methods, and fixed wavelengths, kinetics and standard curves.

9. Software should enable calculations of measured data and secure login to protects individual method controls for multiple users.

10. Data can be exported to a PC.

11. Ability for kinetics applications with full scanning capabilities.

12. Modes of operation should include Scanning, Time (Kinetics) and Photometry

13. To be controlled by the operating software

14. For kinetic analysis too generate output through a Windows-based modular software.

7. Centrifuge 8 Tube

5. Description of Function: Centrifuges are required in the Laboratory to separate various components

of Blood and any other liquid sample for analysis

6. Operational Requirements Aerodynamic compact construction for vibration free performance Table

top version

7. Technical Specifications :

6. Tube Capacity :No.8 or more :Size 5 – 15 ml

7. Should have a digital timer Body

8. should be made of strong fabricated & corrosion resistant steel Control panel – for start/stop

switch, dynamic brakes, step less speed regulator with zero start switch & speed indicator with

timer and protective fuses.

9. Door interlock Maintenance-free brushless drive motor with exact speed preselection and

display.

10. Speed range 100 to 6000 rpm and above, accuracy 1 rpm. RPM : Up to 4000-6000

8. System Configuration Accessories, spares and consumables:

- **Centrifuge complete with Swig and basic rotors and four buckets- 01 set**
- **Tachometer-01 No.**

 Tube Holders as appropriate Power Supply Power input to be 220-240VAC, 50Hz as appropriate

fitted with Indian plug Voltage stabilizer/CVT of appropriate ratings meeting ISI Specifications

Standards, Safety and Training The supplier should be ISO certified for quality standards.

Should be FDA /CE/ UL / BIS approved product

8. Centrifuge 12 Tube

1. Description of Function: Centrifuges are required in the Laboratory to separate various components

of Blood and any other liquid sample for analysis

2. Operational Requirements Aerodynamic compact construction for vibration free performance Table

top version

3. Technical Specifications :

1. Tube Capacity :No.12 or more :Size 5 – 15 ml

2. Should have a digital timer Body

3. should be made of strong fabricated & corrosion resistant steel Control panel – for start/stop

switch, dynamic brakes, step less speed regulator with zero start switch & speed indicator with

timer and protective fuses.

4. Door interlock Maintenance-free brushless drive motor with exact speed preselection and

display.

5. Speed range 100 to 6000 rpm and above, accuracy 1 rpm. RPM : Up to 4000-6000

4. System Configuration Accessories, spares and consumables:

 Centrifuge complete with Swig and basic rotors and four buckets- 01 set

 Tachometer-01 No.

 Tube Holders as appropriate Power Supply Power input to be 220-240VAC, 50Hz as appropriate

fitted with Indian plug Voltage stabilizer/CVT of appropriate ratings meeting ISI Specifications

Standards, Safety and Training The supplier should be ISO certified for quality standards.

Should be FDA /CE/ UL / BIS approved product

9. Rotor/Shaker

Product Quality Standard:

1. Manufactured with ISO Certified material for quality standards

2. Applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and
biochemical reaction

Technical Specification

1. Small type Gyrotron oscillator Heating type Constant temp type

2. Shaking Speed Range 50~250r/min 20~300r/min 20~250r/min 20~300r/min

3. Amplitude:10 to 20mm

4. Temperature Range: - RT5~100C RT+5~65C

5. Display Resolution 0.1C

6. Platform Size :450x450(mm)

7. Timing Range 1~9999min

Power Supply: Should work with 220-240 V AC, 50Hz power supply having Indian plug

10. Roller Mixer

1 Motor type: BLDC motor

2 Motion: Rocking & Rolling

3 Max. Loading capacity: 2 Kg

4 Number of tubes: 12-18 x 7ml Blood

5 Roller size: 30 x 327 mm

6 Speed range: 10 to 100 RPM

7 Timer range: 1 to 99 mins

8 Operation type: Continuous & timed operation

9 Tilt angle: +3°

10 Electrical: 220-240V, 50 Hz, Single Phase

11 anufacturer Warranty: Minimum 3 year.

11. VDRL shaker

1 Should be a table top model with platform size 300x300mm(15%DeviationsAcceptable).

2 Should be suitable for wide variety of rotating and mixing applications.

3 Should have built-in 0 to 30 minutes digital timer. 3 Speed Range 100-350 RPM

4 Should work with input 200 to 240Vac 50 Hz supply.

5 Should be provided with Automatic timer and uniform speed.

6 Should be provided with Digital RPM Meter with proximity sensor

7 Should be provided with platform rubber discs and smooth mixing (Non-slip rotating base)

Biochemistry Lab

2. Automated Nucleic Acid Extraction System

1. The equipment should be suitable for COVID-19 PCR test.

2. Instrument should be a high throughput automated nucleic acid extraction system implementing
magnetic particle-based technology for extraction

3. It should be equipped with suitable magnetic heads to handle upto 96 samples simultaneously

4. The principle should enable to purify nucleic acids in a convenient, rapid and reproducible manner from
different sample types (cells, tissues, blood, serum, plasma, swabs, BAL, saliva, VTM, bacteria, virus etc.)
with high purity and yield

5. Sample input volume should be in the range of 100 µl - 1000 µl

6. Elution volume should be in the range of 50 - 200 µl

7. Entire processing time on instrument should be ? 60 min (depending on various extraction protocols)

8. Instrument should prevent sample cross contamination and aerosol contamination

9. Manufacturer should have suitable plastic wares and a wide variety of extraction kits and/or cartridges
which can be selected by user as per application

10. The magnetic particle collection efficiency should be ?90% for better yield
11. The instrument should have internal heating during the extraction process if required by the kit
protocol
12. The protocol design software should be supplied with the instrument
13. Electrical requirements: 230 V, 50 Hz
14. Should have safety certificate from a competent authority CE issued by a notified body registered in
the European commission / FDA (US). Copy of the certificate/ test report shall be produced along with the
technical bid.
15. The kits should also have CE / FDA approval.
16. The equipment shall be supplied with a traceable calibration certificate for all pipetting devices and
temperature modules if applicable. The equipment shall be calibrated at recommended intervals, free of
cost, and traceable calibration certificate issued during the warranty and CMC period
17. Shelf life and open vial stability of each reagent component shall be declared.
18. All reagents supplied shall have minimum 80% of the shelf life at the time of supply. Reagents of
lower shelf life, if supplied, shall be replaced free of cost on request by the user.
19. All consumables and reagents required for performing the above parameters shall be quoted with
price for each. Any component not quoted shall be considered free supply and shall be supplied as
required.
13.Thermal Cycler- 96 wells
Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or 1x96-well plate with Peltier
heating and cooling.

Should have gradient capability and have the feature of dynamic ramping (identical hold times) for all the 8 rows of a gradient.

Should have a temperature differential range of 1-25degC.

Should have intuitive 5.7" (14.5 cm) touch screen interface which can displays graphics in high resolution for easy programming.

The touch screen should be responsive for both gloved and ungloved fingers.

Should be capable of running reaction volumes from 1-100ul.

Should have a maximum ramp rate of 4 degC/second with an average ramp rate of 2.5degC.

Should have a temperature range of 4-100 deg C

Should have a gradient range of 30-100 deg C

Should have a temperature accuracy and uniformity of ± 0.5 deg C

Should have a memory of >500 programs with further expansion through a USB Flash drive for transfer of files.

Should have block and calculated temperature control modes.

The software should have exportable Run logs and system error logs

Should have quick boot up time of not more than 1 min.

Should be quiet in operation.

System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc.

Should have the feature of "instant incubation" to keep samples at constant temp. for ligation and restriction digests.

Should have power save mode.

Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats.

Quoted model should have atleast 50 successful installations in India and the user list should be

provided.

□ System should be quoted along with compatible online UPS

14. Fully automated chemiluminescence immunoassay

1. Instrument specification It should be a new Fully automated table top/ floor model random access

analyser with capacity to perform qualitative and quantitative analysis of Infectious markers and

other various special infectious immune assays (eg:Anti HIV 1&2 ,HBsAg , Anti HCV, etc)

2. Method: ”Electro Chemiluminescence” or Chemiluminescence” based immune analyser

3. Desired Throughput: It should have through put of up to 80 results per hour.

4. Sample capacity: It should have continuous sample loading facility.

5. containers: It should accommodate primary sample tubes, sample cups, aliquot tubes in same run,

should have onboard barcode scanner for flexible sample processing.

6. Stat samples; It should have unlimited stat samples loading facility.

7. Sample Type: It should have facility to assay serum and plasma

8. Sample& Reagent Needles: It should have ultrasonic wash/ disposable tips to prevent any carryover

of sample

9. Patient result storage: should have facility to store patient results (approximately 2000) on board.

Should also have facility to back up patient data ,necessary data backup accessories to be

provided.

10. Reagent capacity: It should have facility to load more than 15 reagents at a time. It should have

automated inventory management system, should have barcode scanner for reading reagent

barcodes.

11. Reagent storage: It should have temperature controlled reagent compartment, between, 20C- 8°C.

12. Reagent pack: It should have convenient reagent pack of 100 Tests or lower to prevent loss of
reagent. It should preferably have self-sealing of reagent containers to avoid possible evaporation
during use Reagent loading-It should preferably have continuous access to reagent
13. Calibration: It should have calibration stability of four weeks or more; for most of the parameters on
single pack. It should have facility to view and print calibration curves.
14. Clot detection: It should have facility to alert user for insufficient sample aspiration. It should have
clot detection and correction facility alert message to the user.
15. User's safety: It should have continuous access for reagents consumables without safety hazard to
user. It should have facility to accommodate liquid and solid waste separately.
16. Quality Control: It should have facility to view and print levy Jennings Charts. It should have facility
to adapt Westgard rules.
17. Walk away capability: It should have walk away capacity without any interruption or user
intervention up to 3 hrs.
18. Interface & Peripheral: It should be user friendly operator in interface, touch screen monitor,
keyboard, external PC with automatic data back up and external printer to be provided.
19. It should have facility for RS 232 serial interface with bi-directional connectivity.
20. Power supply: 200-240V, 50/60Hz.2KV backup UPS required Free installation and training to be
provided at the time of installation and as and when needed.
21. Ambient temperature required for the Instrument must be provided along with the unit.
22. Instrument calibration certificate required.

23. FDA/ CE/ ISI/ ISO certification required. AMC/ CMC required, charges to be quoted

Histopathology Lab

15. Urine analyser-fully

1. The analyser should be compact benchtop, fully automated integrated urine analyser, integrating
urine chemistry and urine sediment analysis.

2. Chemistry parameters required to be provided should be glucose, protein, blood, bilirubin,
urobilinogen, ph, ketones, nitrate, leuokocyte, creatinine & albumin.

3. Additional instrument parameters should have specific gravity, turbidity & colour.

4. The analyser should be based on fluorescence flowcytometry/Digital flowcytometry for accurate
measurement of urine parameters such as rbc, wbc, epithelial cells, cast and Bacteria.

5. The instrument should provide scattergrams and histograms or actual images for easy interpretation.

6. The analyser should provide additional rbc information, uti information and conductivity.

7. The analyser should have user friendly software with cross check function.

8. The analyser should have a throughput 100 samples / hour (chemistry) & 50 samples / hour
(sediment analysis).

9. The equipment should have a storage of 200 test strips at a time with continuous loading for true
walkaway analysis.

10. The equipment should be capable of analysis in both manual and sampler mode.

11. Sampler should have the capacity of 60 sample tubes and internal barcode for sample identification

12. Controls should be available for both chemistry and sediment analysis

13. Data storage of 10000 samples including graphics & multiple qc files, with 300 data points each
should be available.
14. The equipment should have interface for output to printer or transmitted to LIS / HIS and it would the responsibility of the supplier to do the interfacing.

OPD/Diagnostic/ Research LAB

16. Uroflowmetry
1. A Brand new Flow system which should have weight based Uroflow Transducer.
2. The Uroflowmetry sensor should be wired/Wireless to the main unit.
3. The sensor should also be operable by wireless Bluetooth mode.
4. Should have Database Software and Uroflow Software which includes extensive report printed by
PC printer, possibility to add investigation comments and real time on line view of the
investigation.
5. Should have the facility of wireless transfer of data using Bluetooth Technology with automatic
start, Automatic Investigation and Analysis.
6. The Flow Transducer should be mounted on height adjustable stand having funnel and urine
container for flow transducer.
7. Should have a flow range of 0-50 ml/sec with volume range upto 0- 1000 ml and the
Uroflowmeter should come with the height adjustable (Foldable) Micturition chair.
8. Should have auto-record and zero facility for Uroflowmeter.
9. Should have Auto Artifact Detection and deletion Beakers for Uroflow - 5 Nos, Rechargeable
Batteries 2 set for each (Uroflo & Blader scan), Charger for Rechargeable Batteries 1set for each
(Uroflo & Blader scan).

10. Should be supplied as standard Bladder Scanner(3D) – 1 units

11. The Bladder scanner to Measure bladder volume measurement (PVR).

12. Ultrasound Probe Should have Volume range: 0 to 1000 ml. Accuracy : +/- 10 % of reading, +/- 20 ml.

13. Should have Database Software for Bladder Scanner Complete system except computer system

14. should be European CE with 4 digit notified body number or USFDA or BIS approved for the quoted model

15. COMPUTER: Should be supplied as per the following configurations: 1 No.

16. Windows Based, 1 TB Hard Disk, 4GB RAM, CD/DVD-RW, i5 Processor, 19" LCD Monitor and Dot matrix Printer

17. Uroflowmetry system 1 Nos

18. Beakers for Uroflow 5 Nos

19. Rechargeable Batteries (Uroflo&Blader scan) 2 sets each

20. Charger for Rechargeable Batteries (Uroflo&Blader scan) 1 sets each

21. Bladder Scanner(3D) 1 Nos

22. Computer 1 Nos

23. 3 years Warranty

17. Renal Stone Analyzer

1. FTIR spectrometer must be capable to analyze sample of various matrix like liquid, solid, gels, paste, and emulsions.
2. Spectral range:7800cm-1 to 350 cm-1
3. Spectral resolution: 0.5 cm-1 or better
4. Wave number precision: 0.1 cm-1 or better
5. Signal-to-Noise ratio: 48,000:1 for 1-minute scan at 4 cm-1 or better.
6. Detector: Thermally insulated, temperature stabilized, controlled DTGS type / doped DLaTGS type
7. Source: High Intensity, Long life ceramic source and temperature stabilized. It should be stabilized to prevent hot spots forming.
8. Interferometer must be Michelson rotary type and highly stable with 10 years' warranty. It should be immune to self-compensating dynamic alignment.
9. Optics: All mirrors must be gold coated or equivalent coating for high throughput and to give sensitivity of 48,000:1 for 1-minute scan peak to peak.
10. Instrument should have future upgradability options for instruments like microscopy, imaging and Gas chromatography etc. for biological applications.

11. Vendor has to provide the latest model of (Dell/HP) make computer & Laser jet color printer available on date of the bidding and submit their technical details in the bid.
12. Instrument should be offered with diamond ATR to covers full range for liquid, solid and film samples analysis.
13. Instrument should be able to analyze stone in pellet form as well as in powder form.
14. Manufacturer has to provide latest version of window based software for instrument control, basic and advanced data manipulation, Spectral calculator, quantification, data acquisition & their statistics etc.
15. System should be supplied with Infrared Spectral Library containing 1500 Spectra of kidney stones and related compounds for analysis of kidney stone analysis.
16. Beam splitter: Dedicated KBr beam splitter/ Ge coated KBr beam splitter to cover whole range 7800 – 350 cm-1.
17. Sampling Accessories to be provided with instrument: Pellet Holder, KBr Powder, and Liquid Cell with KBr Windows, Agate Mortar and Pestle, and 15-ton Hydraulic Press with KBr Dye.
18. Optical system: Sealed and desiccated enclosure must offer extended intervals between desiccant replacements, at least 5 years or should provide the desiccant for 5 years from date of installation.
19. System should be certified by CE, ISO and NIST.
20. System should have easy to perform and maintain Quality control options.
21. Reagents to be supplied should have the essential certification and traceability certificates.
22. Operating conditions: 15- 30-degree C, 70 % humidity.
23. System should be able to work on 110 -120 V/ 220 - 240 V power supply.
24. It should be training of the faculty and technicians to handle instrument and software efficiently.
25. Brochures to be submitted for technical evaluation. If required demonstration of instrument to be provided.
26. Suitable online UPS with minimum 30 minutes' backup to be provided for smooth uninterrupted functioning.
27. The vendor should have factory trained and skilled manpower for periodic maintenance and prompt service support within 12 to 24 hours for breakdown calls in India.
28. Also 1 unit of each accessory and consumables should be supplied as FOC along with instrument.

Pediatric

18. Vein finders infra-red with stand

1. **Three nodes rotatable**
2. **One telescopic link.**
3. **Support angle rotate and height adjust by a wide margin.**

19. Neonate Cooler

1. Micro-processor based servo-controlled neonatal whole body cooling-warming system.

2. Should be able to cool body up to 30℃.
3. Ability to re-warm body to normal temperature at a user selected rate.
4. Should work for a neonate weighing up to 5 kg.
5. Should monitor esophageal or rectal temperature and use that for servo control.
6. Continuous display of set temperature measured temperature of esophagus or rectur, measured temperature of skin, measured temperature of mattress.
7. Alarms for high and low temperature if deviation from target temperature >1°C,electricity failure and system failure.
8. System should be mounted on a sturdy compact trolley with castor wheels and brakes.
9. Memory of set and measured parameters for at least 96 h
10. If the system needs fluid for cooling, the fluid should be safe for baby's skin and its composition
Should be provided
11. Essential accessories to be provided:
I. Reusable rectal/esophageal temperature probes: 4
II. Reusable skin temperature probes: 4
III. Reusable wrap around mattress for nconate:4
IV. Mattress repair kit:2
V. If system needs disposable interface/chemicals then provide quantity adequate for 100 Patients
12. List of essential accessories should be provided and quoted separately.
13. Original literature, to be supplied with the quotation.
14. Any part, including consumables not covered under warranty.
15. Environmental temperature should not affect cooling efficiency
16. Safety System in case of probe displacement.
17. Cradle should be Provided along with the Unit
18. The system should be BIS/CE/USFDA certified
19. Warranty: 3 years for any Manufacturing defects.

20. Patient monitor 5 Para with IBP and ETCO2		
Description	**:**	**Patient Monitor should be of Integrated design**
Should be a Slim design & Light Weight (< 2.8 Kgs inclusive of battery and charger)		

Should have following monitored Parameters –3 and 5Lead ECG, SpO2, NIBP, Resp, Temp (2 Ports) , IBP*2ch and ETCO2
Should have minimum display size of 12.1 inch, Color touch screen TFT/LCD
Should have 6 waveforms
Should have capability to change the waveform Color
Should have capability to view bigger font of the displayed parameters
Should have 120 hours of Graphical & Tabular Trends of the monitored parameters
Should have Battery back of upto 5 hours
Monitor should be able to viewed and readable from a wide angle and from an appropriate distance
Should have optional modular recorder Unit (Thermal) with 2 channel recording and the prices to be quoted as optional.
Monitor should have capability for a easy software upgrade preferably using an USB memory stick
Monitor should simplify user interaction by offering Single Level Menu applications
Monitor should not have an external charger outside and should offer charging capability by using a standard 3 – pin power cord
Standard Accessories: 3 Lead or 5 Lead ECG Cable, Adult or Pediatric Cuff, Adult SPO2 Probe, Rectal or Skin Temp Probe & Wall Mount and microstream sampling line.
Should be able to operate in AC mains range of 100 V – 240 V
Monitor should be able to operate with lesser power consumption
Monitor should be strictly USFDA & CE approved
Should be able to connect to PC based Central Station as and when required.
Upto 32 monitors should be able to connect to PC based central station.
Supply with High-quality mounting bracket
ISO 13485 for Manufacturer and CE & US FDA Approved.
Warranty :3 years

Furniture

21. BMW Bins Set of 3

Color	**Red, Yellow, Blue**
Capacity	**65 Litre**
Material	**Plastic**
Structure	**Foot Pedal**
Quality Assurance	**HEAVY DUTY PEDAL DUSTBIN WITH SS FRAME**
Model Name/Number	**BIO MEDICAL WASTE BIN WITH TROLLEY**

22. Dust bins

Capacity	**10 litres**
Colour	**Blue**
Material	**Plastic**

23. NEBULISER:

Product Quality Standard:

Should be USFDA/CE/BIS approved product. CE certificate must be issued by notified body.

Manufacturer should be ISO 13485 certified for quality standards.

Description of Function:

Nebulizer is a device used to administer medication to people in forms of a liquid mist to the airways commonly used in treating cystic fibrosis, asthma, and other respiratory diseases.

Technical Specifications:

Should be of Heavy-duty compact nebulizer.

Heavy duty, Compact, lightweight, low noise(50dB ±3dB)

Durable long-life compressor. Suitable for heavy duty/ institutional (hospital) use, should be able to run uninterruptedly for one hour.

Max Pressure: 2.0 to 2.5 bars

Operating pressure: 1to1.5bars

Normal Air Flow: 4lpm

Should produce particle of size 1 to 5 micron.

Mass median Diameter (MMD): 2.5 to 3µm.

Output rate: 500gm/Min.

Made of Heavy-duty ABS body

Power supply:

Power input to be 220 to 240V AC, 50Hz fitted with Indian plug of appropriate rating.

24. Refrigerator

Description of Function

Use for storing blood plasma and other blood products, vaccines, other medical or pharmaceutical

supplies. Also to cool samples or specimens for preservation.

Technical Specifications

1. Laboratory refrigerator should have 150 ltr capacity and above

2. It should have galvanized sheet steel construction, white powder coated and adjustable feet.

3. No welded joint to be exposed for rusting.

4. Should have insulation of high-grade pressure – foam material.

5. Should have lockable door with plastic magnetic sealing surround

6. Should have automatic defrosting and condensed melt water evaporation.

7. Should have re-circulating air-cooling system.

8. Should have control panel with remote thermometer, main switch and humidity selection

9. Should have hermetically enclosed, low noise, vibration proof compressor.

10. Should have visual and a caustic signal alarm system.

11. Should have epoxy coated outside finish and S/S interior.

12. Should be low noise, automatic defrosting, freon free

13. Should be CFC free.

14. Temperature indicator desirable.

15. Standards, Safety and Training

16. Should have the ISO certification and the copy of the same should be enclosed

17. The quoted model should have US FDA or BIS European CE certificate and copy of the same

18. Comprehensive training for staff till familiarity with the system.

19. Should have local service facility. The service provider should have the necessary equipments

recommended by the manufacturer to carry out preventive maintenance test as per guidelines

provided in the service/maintenance manual.

Radiology

25. Digital Radiography System: 500 mA
Floor mounted Digital Radiography System with One Portable Detector for Whole Body Digital Radiography.
A fully digital radiography system capable of detector exposure and image acquisition in vertical, horizontal and oblique positions to perform all skeletal body and chest radiography. Complete system operation with control of generator, X-ray tube and imaging system from a single integrated user interface should be possible.

Generator
Generator should be of latest technology with High-frequency, multi pulse generator with inverter principle and automatic exposure control (AEC) for constant output.
Output – Minimum 52 kW
kV range should be at least 40 kV- 150kV
Output at 100 kV should be 640mA
It should have automatic exposure control device (AEC)
It should have digital display or kV and mAs and ms in the console.
Anatomical programming for different radiography applications should be possible
It should have overloading protection
X-ray tube and Collimator
The X-ray tube should be floor mounted with rotating anode, fully compatible with the generator and must have dual focus. Focal spot of the following sizes are required:
Large focus: 1.2mm or less
Small focus: 0.6mm or less
Tube should be with anode heat storage capacity of 300 kHU or more.
The X-ray tube and Generator should be manufactured by the manufacturer of the DR system.
Floor mounted column support
Floor mounted tube column stand support must be provided
Vertical movement of 150 cm or more should be available
Longitudinal movement of 130 cm or more should be available
Specify the SID of the system
Specify the horizontal and vertical tube rotation angle around the respective axes.
Rotation of tube about vertical axis at +/- 90 degree should be possible with stop position at 0 degree & 90 degree.
X-ray Patient Table
Horizontal Table with floating table top with minimum table height of 70 cm
Every company has their own mechanical parameters, we request you to amend it as Longitudinal table top travel should be minimum +/1 46 cm and transverse table top travel should be minimum +/- 12 cm and the table movement should be have electromagnetic brakes
Possibility of taking Patient weight 200kg or more
Whole body head to toe examination of patient should be possible without repositioning.
The grid supplied with the table should be of minimum grid ratio of 10: 1 at focus of 115 cm.
Patient coverage should be 180 cm or more without repositioning should be possible
It should be able to accommodate mobile flat detector system of 35 cm X 42 cm size or more.
Automatic exposure control should be offered as standard.
Vertical Bucky stand
The unit should be provided with Vertical Bucky

It should have provision to do chest radiography without grid
The vertical Bucky stand should also accommodate the same detector as in the table.
The minimum grid ratio of the moving grid on the vertical Bucky should be 10:1 and not less.
Detector systems:
The portable detector should be of solid state flat detector with suitable scintillator material. Mention the scintillator material being offered CSI.
The size of detector should be 35 x 43cm and should be compatible to both patient table & Vertical Bucky.
The resolution should be minimum of 3.3 lines pair/milli meter
The pixel resolution should be 150 um
Image acquisition and image processing based on body part and viewing position.
The digital workstation should be based on the latest high speed processor of at least 12 bit.
It should have the possibility of acquiring the images from the detector system and retrieval of patient list and examination data from Hospital/Radiology Information systems (HIS/RIS) should be possible.
It should have image storage disk of 10,000images or more.
The system should have ready DICOM Interface and networking capability with RIS/HIS/PACS
Post processing function must be available.
Console station must be provided for image processing , image display, post processing function and networking with anti glare color monitor of LCD type with size 19" with matrix of 1024 x 1024
Automatic and selective filming with virtual film sheet should be available
Essential Accessories:
Voltage stabilizer for the complete DR system should be quoted along with the unit. It should be of required capacity and the make and capacity of the voltage stabilizer should be specified.
On line UPS with suitable rating and 30 minutes back up for console / digital system should be supplied along with the DR system.
X-Ray equipment offered should have USFDA or CE approvals for quality standard.
Others:
The generator and the X-ray tube of the system should preferably be from the same manufacturer so that the parameters match with accuracy. The system should be supplied only by reputed X-ray manufacturers with good track record of life of the DR systems including X-ray tube, detector etc.
The system should have all necessary approvals such as AERB Type approval certificate.
standards like USFDA or CE certificate

26. Computed Radiography (CR)

CR system compatible with standard x-ray machine consisting of digitizer, patient identification system, preview and processing server with workstation.

Should have full DICOM 3.0 facility.

CR system should have following essential features

1 Image recording system (cassettes & imaging plates).

The following sizes of imaging plates/cassettes should be supplied with unit

a. 1a 14" X 17" : 3 nos.

b. 1b 14" X 14" : 3 nos.

c. 1c 8" X 10": 3 nos.

2 Image reader (CR reader/ digitizer):

Digitizer must be standalone (floor standing) model

Image plate reading -50 and 100 microns

It should be able to process not less than 60 imaging plates per hour for each size

Should have a resolution of 5-10 pixel/mm for standard cassette reading with mammographic capability

Preset anatomical processing should be available

Acquisition and image transfer must be done at a resolution of 12bits/ pixel

3 Processing server and work station

Workstation must be able to receive CR images from digitizer without data loss.

It should be DICOM ready for send, receive and print facility protocol

It should be possible to multi-formatting the images on film for printing

19" LCD-LED monitor for patient study management.

It should be possible to write images on a CD and transfer images to pen drive/external hard disk 3f Should be ready to accept images from worklist and patient data and images from another RIS/HIS (DICOM protocol).

Should have black border facility

 Should have software for printing and to create various film layouts and multiple formats on single film for optimum utilization of film and presentability. The capability to customize user defined number of formats and layouts on single film. There should be capability of printing the zoomed image along with the overview of the main image on the same film. There should be capability of printing multiple patient images on one film and multiple images of same patient on one film.

 Other features –should include gray scale reversal, image flipping and rotating, image zooming, edge enhancement, latitude reduction, image noise reduction, gray scale saturation feedback.

 There should be provision for adding markers.

 The software must have dedicated paediatric image processing.

4. Patient identification/preview

 Separate or inbuilt patient identification system

Cassette identification and demographics should be standard

 it should be possible to identify the multiple x-ray units separately

5. Advanced QC viewer (DICOM workstation) preferably with 19" LED medical grade 1.3 MP monitor-For reviewing of the images. It should be a separate module for being able to be kept away from the Digitizer/CR Reader in the room of choice. It should have following features.

 Window levelling, annotation, printing, rotating, flipping, panning, zooming, all image post processing

 Should have PACS/Hospital Information System (HIS) connectivity

 There should be provision of adding markers on the film

 It should be possible to write images on a CD

 Dry Imager (for film printing)

 The system should be supplied with dry imager (dry chemistry) with a spatial resolution of 500 ppi/dpi or more

□ It should have contrast resolution of 12 bits/pixel or more

□ It should have 3 online film sizes out of 8" X 10", 10" X 12", 11" X 14" , 14" x 14" and 14" X17". The image should preferable come with standard film sorter at the output for sorting the films based on modality concerned

□ It should have normal throughput of 100 films per hour for the largest size.

□ Access time for first film should be 90 seconds or less.

□ The imager should be DICOM compatible for receive, send and print facility.

□ The system should allow at least 3 sizes from 5 sizes to be loaded at any time. Printer status should be on display for any error status, etc.

7 Inter connectivity

□ Interconnectivity between various CR modules should be Ethernet based

□ Networking to hospital PACS to be done by vendor.

□ Scalability 8a The CR system should have scope of adding advanced quality software for image processor, workstations connectivity to any DICOM archive or image management system (PACS)

8 UPS and electricity

□ 9a the entire equipment should be supplied with UPS of the required rating and for at least 60 minutes backup for whole system. A separate 1 KVA UPS also to be supplied for workstation.

Vendor will have to do earthing and other electrical work needed in the CR room necessary to make the unit functional.

9 Optional -Long length imaging All necessary software and hardware necessary should be provided, along with the following

□ long view cassette 80 cm length or more with automatic and manual image stitching software for producing total image length of 120 cm or more".

11 Accessories:

 One 6 feet long multipurpose office desk with drawers.

 Two swivel chairs with high back. These should be good quality and reputed make.

Should be 4 digit CE/ USFDA/ BIS.

OT

27. Pneumatic Lithotripter

1. Actively control unit moulded with ABC plastic body.
2. Light weight, compact and mobile.
3. Digitally controlled flow and pressure device generates highly accurate pulses in the form of single
pulse operating mode and continuous pulse operating mode.
4. It should be able to control power to the hand piece for better stone fragmentation.
5. Design of master hand piece and digitally controlled flow should be in a way that provides minimum
excursion and bilateral movement of the probe, so it gives safety to endoscope and avoid possible stone
migrations.
6. No possibility of heat generation inside, hence; no chance of any thermal injury.
7. Pressure setting knob to set the desired pressure, which also facilitates constant monitoring of
pressure by display.
8. Single and multiple mode operations.
9. In multiple modes, options available to change the frequency should be at least from 1 pulse/second to
12 pulses.
10. Supply Voltage 230 VA/ 50Hz/± 10 % / Power Consumptions 30 Watts Input Gas Oxygen /
Compressed Dry Air 2In Let Pressure (Minimum) (To Control Unit) 4 Kg / Cms 2In Let Pressure

(Maximum) (To Control Unit) 6 Kg / Cms 2 Out Let Pressure Indication 0 - 5 Kg / Cm by Digital display

Freq. of Impacts Single Pulse Mode, Continuous Pulse Mode with twelve selectable options. Control Unit

(Made from rust free molded ABS plastic body) Size : L 195mm X W 240mm X H 125mm Weight : 1930

gms Hand Piece (Made from Aluminum Alloy) Weight : 105 gms Probe (Made from S.S. Alloy-as per

ISO10993 standard Ureterenoscopy Probe Size : 0.8mm, 1mm, 1.1mm, 1.2mm, 1.4mm, 1.5mm Length :

610mm PCNL Probe Size : 2.5mm, 3.0mm Length : 450mm Lithobridge Probe Size : 1.5mm Length :

460mm, along with probe hands of 06 nos.

INBULIT AIR COMPRESSOR MUST BE SUPPLIED ALONG WITH

1) Each probe should be provided 5 nos extra

2) Trolly to be supplied along with equipment (metalic) ;one

28. AV Fistula Set

1. AV fistula needle holder round handle 5" straight (Castroviejo) -1 no

2. Medical bulldog clamp straight 2.5" – 2 nos

3. Medical bulldog clamp curved 2.5" – 2 nos

4. Mosquito forceps 5" Curved fine tips – 6 nos

5. Ring tip forceps 6" – 2 nos

6. Vascular dissecting forceps 6" 1mm tip - 2 nos

7. Vascular dissecting forceps 6" 1.5mm tip - 2 nos

8. IRIS scissors 6" straight– 1 nos

9. IRIS scissors 6" curved – 1 nos

10. Potts smith 6" 45 degree – 1 nos

11. Magnification loupes 2.5 X 42 CM -1 nos

29. Binocular Loupes with LED Loupe Light

High Resolution 2.5X Binocular loupes which give bright, colour corrected crisp image with super wide at

least 130mm view and super deep view at least 180mm.

The working distance should be 340 -420mm with individual adjustment (Left & right side optics) of Inter
Pupillary adjustment.
Optics should be super light with weight not more than 42 grams and mounted on spectacle which is light
In weight approx 25grams with ear temples mouldable to take any shape of head.
The Loupes should have option of customisation also and LED light should also be fitted along with
loupes light intensity of 50,000 lux at 30cm distance along with 6V Li ion rechargeable battery
Battery life lasting for 17 hrs when fully charged and also shows charge level indicator supplied in a case
which can be attached to belt
Equipment should be U$FDA or European CE approved / certified.

30. Electro hydraulic C-Arm Compatible Urology OT Table

1. Product should be of international quality and US FDA/ CE/BIS approved, ISO 13485 Certified or it's
equivalent.
2. The five-section table top should X-Ray translucent for fluoroscopy with C-arm with radiolucent
Mattress and facility to load XRay cassettes to the table. There should be no mental frame across
especially between racks and seat section.
3. All movements of OT table should be possible with remote control. The back section movement can be
either remote/pneumatic controlled.
4. Radiolucent five section table top in head section, back section, seat section with perineal cut and split
leg section. Should have at least 60cm radiolucent coverage in the leg section without the leg plates

5. Should have manual or remote controlled kidney bridge of 120mm or more.
6. Should have inbuilt Battery backup as standard and about 80-100 operations should be possible in
case of a power failure.
7. Should have inbuilt manual override control for all movements in case of remote and power failure.
8. All metal components of the table should be made of stainless steel SS304 with at least two antistatic
heavy-duty castors.
9. Should have accessory rails on both sides to hold various accessories.
10. Should be suitable for patient weighing at least 200kgs.
11. Should have an auxiliary control on the table with all controls as in hand controller.
12. Self-compensating floor locking device.
13. The mattress should have a pressure management pad with at least 80mm thicknesses.
14. Safety: should have all basic safety parameters applicable for OT table as per recent
recommendation.
A. Technical data:
1. Height adjustment minimum should be 700 to 1050 mm.
2. Side Tilt 20 degree or more.
3. Bach section adjustment 80 degree up and 40 degree down or more.
4. Leg section adjustment 15 degree up and 90 degree down or more.
5. Trendelenburg adjustment at least 25 degree.
6. Head rest 60 degree up and 90 degree down.
7. Tabletop width (w/o Side Rails) should be more than 500 mm.
8. The table length should be at least 1900 mm or more.
9. Powered longitudinal sliding -300 mm or more, should be possible on both head side & leg side.
10. The abduction range should be between +25 degree to -9 degree.
11. Lithotomy Positioning Range should be possible between +84 degree to -33 degree.

12. Leg holder should be movable in all angled direction by squeezing the grip handle.

13. Raise and abduction by single hand for ease of operation.

B) Standard Accessories should be given:

1. Anesthesia screen frame.

2. Body strap.

3. Lateral support.

4. Leg crutches.

5. Raised arm rest with clamps- 1 pair.

6. Foot rest with side rail clamp-1 pair.

7. Urology Drain Dray set.

8. Contamination bucket.

9. Leg stirrups with lift assist technology & squeeze handles for lithotomy & abduction with weight bearing

capacity of 150 kg.

10. Telescopic Leg end floor support

31. General Surgery Set

1	**Kidney Tray Large**	**2**
2	**Ss Bowl**	**2**
3	**Towel Clip**	**6**
	Bp Handle No. 3	**2**
	Bp Handle No. 4	**2**
	Bp Handle No. 7	**2**
5	**Suction Tip 2mm**	**2**
6	**Suction Tip 5mm**	**2**
7	**Yankaur Suction Tip 10 Mm-31 Cm 3**	**2**
8	**Ss Scale**	**1**
9	**Dissecting Tooth Forceps 16 Cm**	**4**
10	**Adson Tooth Forceps 12 Cm**	**4**
11	**Adson Plain Forceps 15 Cm**	**4**
12	**Dissecting Plain Forceps 18 Cm**	**4**
13	**Dissecting Plain Forceps Fine Tip 15 Cm**	**4**
14	**Dissecting Plain Forceps 23 Cm**	**4**
15	**Dissecting Plain Forceps 30 Cm**	**4**

16	Debakey Forceps 20 Cm	4
17	Mosquito Artery Forceps Cvd 12 Cm	8
18	Mosquito Artery Forceps Cvd 14 Cm	8
19	Mosquito Artery Forceps St. 12 Cm	8
20	Mosquito Artery Forceps St. 14 Cm	8
21	Artery Forceps Cvd 16 Cm	8
22	Artery Forceps Fine Cvd 18 Cm	8
23	Artery Forceps Fine Cvd 19 Cm	8
24	Artery Forceps Heavy Cvd 20 Cm	8
25	Allis Forceps 15 Cm	4
26	Allis Forceps 20 Cm	4
27	Babcock Forceps 18 Cm	4
28	Babcock Forceps 20 Cm	4
29	Kochers Clamp Cvd 20 Cm	4
30	Kochers Clamp St. 20 Cm	4
31	Metz Scissor 20 Cm (1 Golden Handle)	1
32	Metz Scissor 15 Cm	1
33	Metz Scissor Heavy Tip 19 Cm	1
34	Mayo Scissor St. 17 Cm	1
35	Mayo Scissor St. 19 Cm	1
36	Needle Holder 18 Cm Fine Tip	2
37	Needle Holder 18 Cm Heavy	2
38	Needle Holder 20 Cm	2
39	Needle Holder 27 Cm	2
40	Rider Needle Holder 20 Cm	2
41	Intestinal Clamp Cvd (Atraumatic)	2
42	Intestinal Clamp St. (Atraumatic)	2
Retractor tray		
1	Dever Retractor Smal	4
2	Dever Retractor Medium	4
3	Dever Retractor Large	4
4	Doens Retractor	4
5	Skin Hook	2
6	Langen Beck Retractor M	4
7	Langen Beck Retractor M	4
8	Czerney Retractor	4

9	Vein Retractor	4
10	Mastoid Retractor	4
11	Periosteum Elevator	2
12	Bowl Large	2
13	Maliable Copper Retractor S/M/L	2 each
	Fine Vascular Tray	
1	S.S Tray With Lid	2
2	Pot"S Scissors (Forward) 19 Cm Tc	2
3	Rider Needle Holdre 18 Cm	2
4	Fine Forceps Adsons 12 Cm	4
5	Micro Scissors St 15 Cm	2
6	Micro Scissors Cvd 15 Cm	2
7	Castro Needle Holder 15 Cm St	2
8	Castro Needle Holder 15 Cm Cvd	2
9	B.P Handle 3	2
	Vascular Tray	
1	Aortic Clamp 27 Cm	2
2	Cross Clamp 24 Cm	2
3	Aortic Clamp 20 Cm	2
4	Aortic Clamp 15 Cm	2
5	Aortic Clamp 24 Cm	2
6	Buldog Clamp Curv 7 Cm	4
7	Buldog Clamp Curv 10 Cm	4
8	Buldog Clamp St. 8 Cm	4
9	Buldog Clamp St. 10 Cm	4
10	Buldog Clamp Angled 7 Cm	4
11	Debakey Forcep 24 Cm	4
12	Vein Retractor 23 Cm	2
13	Needle Holder 27 Cm	2
14	Potss Scissor	2
15	Rider Needle Holder 20 Cm	2

The above items have supply to Kidney Care Center at Palasa, Srikakulam

SECTION – VI

PRE - QUALIFICATION CRITERIA

(Referred to in clause 13.3 of ITB)

I. Terms of Qualification for Equipment:

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

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

- The bidder should furnish the information on past supplies and satisfactory performance in the proforma given under Section XI- Format B1, duly attested by the Bid signatory

- Bidders shall invariably furnish documentary evidence (End-user Certificate) in support of the satisfactory operation of the equipment as specified or a CA/Statutory auditor Certificate to that extent as per the format provided in the Section XI- Format B2

- The Bidder shall have an Avg. annual turnover in the last three financial years of not less than the amount specified against each item in the Schedule of the Requirements and also to have a positive net worth as per the latest Annual Accounts.

- Towards the above, the bidder should furnish data as per the Format (B3) given in Section- XI, to support that he has the financial capacity to perform the contract. Further the bidder as to submit the corresponding Balance Sheets and Profit and Loss Accounts for verification

a) The Manufacturer, must have necessary quality certifications for 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.

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.

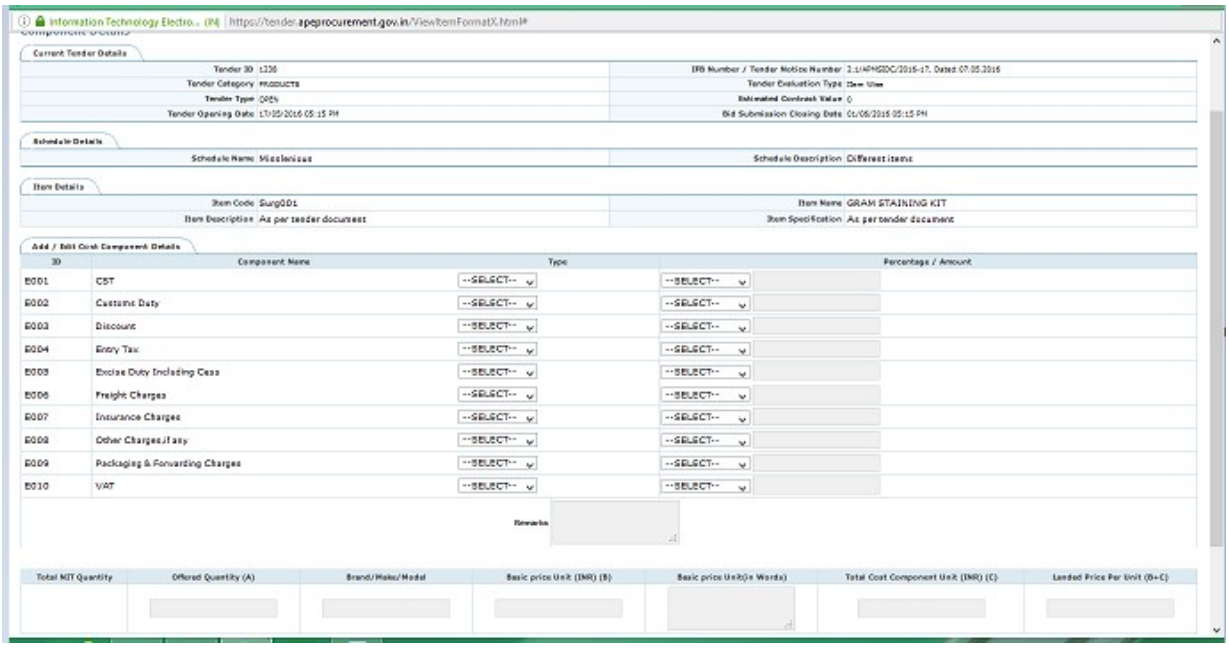
Dated this _____ day of _____

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)



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	QUANTITY TO BE SUPPLIED	UNIT PRICE	DELIVERY TERMS

	GOODS & SERVICES			

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

B. Details of Net Worth

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

_____

(Signature of Bid Signatory)
Seal of the Firm

Certificate from the Statutory Auditor

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

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

B. Details of Net Worth

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

_____

(Signature of Bid Signatory)

Seal of the Firm

Certificate from the Statutory Auditor

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

Name of Authorized Signatory(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/-	Offline
2	EMD	Online & Offline
3	Bid Form Section VII-A	Online & Offline
4	List of items offered with Make and Model details without prices	Online & Offline
5	Manufacturers Authorization	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) and	Online & Offline
16	Full Quality Assurance System Approval Certificate Management System Certification for Medical Devices and their equivalent International Standards certificates (BIS/ CE/USFDA etc)	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 CORPORATION LTD

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	YES / NO

the time of installation?			
Whether training was conducted to the satisfaction at the time of installation?			YES / NO
Short supply items, if any			
Remarks of hospital authorities			
Recommend to release payment YES □ 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.	