



## Request for Proposal (RFP) for

**Identification of Service Provider for Providing Flat Panel Digital Cathlab For Cardiac And Neuroradiology Intervention And Therapeutic Services And Necessary Infrastructure In Government Hospitals Andhra Pradesh Under Public Private Partnership Model for a Period of Five Years and Extendable another Five Years**

**Submission of tender online @ [www.tender.apeprocurement.gov.in](http://www.tender.apeprocurement.gov.in)**

**Tender Notice No.:12.6/APMSIDC/2025-26, Dated: 24.12.2025**

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

2<sup>nd</sup> Floor, Plot No.09, Survey No.49, IT Park, Mangalagiri, Guntur 522503  
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**Ph No: 8978644900, 9121053550**

## **Appendix II-C**

**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE  
DEVELOPMENT CORPORATION  
(Formerly APHMHIDC)  
(AN ENTERPRISE OF GOVT. OF A.P.)**

### **TENDER ENQUIRY DOCUMENT FOR**

**Provision of FLAT PANEL DIGITAL CATHLAB FOR  
CARDIAC AND NEURORADIOLOGY  
INTERVENTION AND THERAPEUTIC Services at  
Government Hospitals in  
Andhra Pradesh**

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**ANDHRA PRADESH MEDICAL SERVICES & INFRASTRUCTURE  
DEVELOPMENT CORPORATION**

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WEBSITE: <http://tender.apeprocurement.gov.in>

**NOTICE INVITING TENDERS**

1. APMSIDC invites sealed tenders from eligible service providers for supply of services as given in **Section-IV** of this document for the **Period of Five Years and Extendable another Five Years**
2. Schedule of Events

| <b>S. No</b> | <b>Description</b>                             | <b>Fee &amp; Schedule</b>   |
|--------------|--|---|
| 1            | Processing Fee                                 | Rs. 60,000/-  |
| 2            | Earnest Money Deposit                          | Rs. 20,00,000/-   |
| 3            | Performance Security                           | Rs. 6,00,00,000/-   |
| 4            | Date of sale of Tender Enquiry Documents       | 07.01.2026 @ 02.00 P.M  |
| 5            | Place of Sale of Tender Enquiry Document       | Online  |
| 6            | Pre-tender Meeting (Date & Time)               | 09-01-2026 @ 11.00 A.M  |
| 7            | Pre-Tender Meeting Venue                       | <b>Plot No.09, Survey No.49, IT Park, APMSIDC, Mangalagiri, Guntur District- 522503</b> |
| 8            | Closing Date and Time of Receipt of Tender     | 21.01.2026 @ 03.00 P.M  |
| 9            | Time & Date of Opening of Technical Tender/Bid | 21.01.2026 @ 03.01 P.M  |
| 10           | Time & Date of Opening of Financial Tender/Bid | Will be intimated Later   |

## SECTION 2

### DISCLAIMER

The information contained in this Request for Proposal document (the “RFP”) or subsequently provided to the Bidder(s), in documentary or any other form by or on behalf of the contracting Authority or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided to the Bidder.

Whilst the information in this RFP has been prepared in good faith and contains general information in respect of the Proposed Project, the RFP is not and does not purport to contain all the information which the Bidder may require.

Neither the contracting Authority, nor any of its officers or employees, nor any of their advisers nor consultants accept any liability or responsibility for the accuracy, reasonableness or completeness of, or for any errors, omissions or misstatements, negligent or otherwise, relating to the proposed Project, or makes any representation or warranty, express or implied, with respect to the information contained in this RFP or on which this RFP is based or with respect to any written or oral information made or to be made available to any of the recipients or their professional advisers and liability therefore is hereby expressly disclaimed.

This RFP document is not an agreement and is not an offer or invitation by the Government of **Andhra Pradesh** (hereinafter referred to as “Contracting Authority”) or its representatives to the prospective Bidders or any other person. The purpose of this RFP document is to provide interested parties with information to assist the formulation of their Proposal. The information contained in this RFP is selective and is subject to updating, expansion, revision, and amendment. Each recipient must conduct its own analysis of the information contained in this RFP or to correct any inaccuracies therein that may be in this RFP and is advised to carry out its own investigation into the proposed Project, the legislative and regulatory regime which applies thereto and by and all matters pertinent to the proposed Project and to seek its own professional advice on the legal, financial, regulatory and taxation consequences of entering into any agreement or arrangement relating to the proposed Project.

This RFP includes certain statements, estimates and targets with respect to the Project. Such statements, estimates and targets reflect various assumptions made by the management, officers, and employees of the Contracting Authority, (and the base information on which they are made) which may or may not prove to be correct. No representation or warranty is given as to the reasonableness of forecasts or the assumptions on which they may be based and nothing in this RFP is, or should be relied on as, a promise, representation, or warranty.

RFP document and the information contained therein is meant only for those applying for this Project, it may not be copied or distributed by the recipient to third parties, or used as information source by the Bidder or any other in any context, other than applying for this proposal.

The Contracting Authority, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way for participation in this Bidding process.

The Contracting Authority also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP.

The Contracting Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

The issue of this RFP does not imply that the Contracting Authority is bound to select a Bidder or to appoint the Selected Bidder or Bidder, as the case may be, for the Project and the Contracting Authority reserves the right to reject all or any of the Bidders or Bids at any point of time without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Contracting Authority or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the Contracting Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding process.

Any information/documents including information/documents pertaining to this RFP or subsequently provided to Bidder and/or Selected Bidder AND information/ documents relating to the Bidding process; the disclosure of which is prejudicial and/or detrimental to, or endangers, the implementation of the Project IS NOT SUBJECT TO DISCLOSURE AS PUBLIC INFORMATION/ DOCUMENTS.

For and on behalf of

Managing Director  
Government of Andhra Pradesh  
APMSIDC, Mangalagiri, Guntur

## **SECTION 3**

### **GENERAL INSTRUCTIONS TO BIDDERS**

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## **A. PREAMBLE**

### **3.1 Definitions and abbreviations**

The following definitions and abbreviations, which have been used in this RFP shall have the meanings as indicated below:

#### **3.1.1 Definitions:**

- (i) “Request for Proposal” means a solicitation made through a bidding process by the contracting Authority (Usually a government body/agency) for procurement of a service.
- (ii) “Proposal/Bid” means Quotation/Tender received from a Sole Bidder/Consortium.
- (iii) “Bidder” means the Sole Individual (Company/Society/Trust) or Consortium (a group of usually 3 companies) submitting Bids/Quotation/Tender.
- (iv) “Supplier” means the sole individual/consortium supplying the services as incorporated in the RFP.
- (v) “Services” means services allied and incidental to the supply of goods and services, such as transportation, installation, commissioning, provision of technical assistance, training, maintenance service and other such obligations of the supplier covered under the RFP.
- (vi) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a Bidder along with its Bid
- (vii) “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (viii) “Day” means Calendar Day.
- (ix) “Associate” means, in relation to the applicant/bidder / consortium member, a person who controls, is controlled by, or is under the common control with such applicant/bidder/ consortium member (the “Associate”).
- (x) “Control” means, with respect to a person which is a company or corporation, the ownership, directly or indirectly, of more than 50% (fifty per cent) of the voting shares of such person, and with respect to a person which is not a company or corporation, the power to direct the management and policies of such person by operation of law.

#### **3.1.2 Abbreviations:**

- (i) “RFP” means Request for Proposal
- (ii) “MoU” means Memorandum of Understanding
- (iii) “SPV” means Special Purpose Vehicle
- (iv) “LOI” means Letter of Intent

### **3.2 LANGUAGE OF TENDER**

**3.2.1** The Bid submitted by the Bidder and all subsequent correspondence and documents relating to the tender exchanged between the Bidder and the purchaser, shall be written in the English language, unless otherwise specified in the RFP. However, the language of any printed literature furnished by the Bidder in connection with its Bid may be written in any other language provided the same is accompanied by a notarized English translation and, for purposes of interpretation of the tender, the English translation shall prevail.

**3.2.2** The Bid submitted by the Bidder and all subsequent correspondence and documents relating to the tender exchanged between the Bidder and the “Contracting Authority”, may also be written in the Hindi language, provided that the same are accompanied by notarized English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

### **3.3 BACKGROUND INFORMATION REQUEST FOR PROPOSAL**

#### **3.3.1 Background Information**

**3.3.1.1.1** Department of Health, Government of Andhra Pradesh, (the “Contracting Authority”) seeks to engage the private sector in operation of Cathlab Services in Government Hospitals in Andhra Pradesh, and has decided to carry out the bidding process for selection of a private entity as the Bidder to whom the proposed Project may be awarded.

**3.3.1.1.2** This Request for Proposal (RFP) is for Cathlab Services” (hereinafter referred to as “Project”) for a period of 5 years extendable to 5 years from the Commencement Date as specified in the Agreement (“Agreement Period”).

**3.3.1.2** This RFP consists of two Parts as listed below and would include any Addenda issued in accordance with Clause 3.15 of this RFP:

- i. Instruction to Bidders.
- ii. Draft Agreement along with its schedule.

3.3.1.3 i) All agencies would be required to register on the e-procurement market place “[www.tender.apeprocurement.gov.in](http://www.tender.apeprocurement.gov.in)” submit their bids online. On registration with the e-procurement market place they will provide with a user ID and password by the system through **which** they can submit their bids.

ii) The bidders need to scan and upload the required documents as per the Check list given in section 9. 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 Supplier should be submitted offline to Managing Director, APMSIDC, **Mangalagiri** 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.

iii) The participating bidder/s will have to pay tender processing fee (non-refundable) for **Rs. 60,000/-** in the form online only.

iv) Further the bidder/s shall furnish, as part of it bid, the **Bid security for Rs.20,00,000/-** to be paid in online only.

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

vi) 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.

3.3.1.4 The RFP document is available on the website <https://tender.apeprocurement.gov.in>. Suppliers, who download the RFP document from the website, will be required to pay the non-refundable fee **Rs. 60,000/- in the form of online only**, at the time of the submission of the Proposal.

3.3.1.5 The purchaser of the RFP document must be the Bidder itself or a member of the consortium submitting the Proposal, authorized by the consortium.

3.3.1.6 A single stage bidding process will be followed to decide the Selected Bidder. There shall not be any separate Pre-Qualification Stage for short-listing of Bidders. Bids will be evaluated in two

steps. In the first step, the bids will be assessed for responsiveness to the qualification and eligibility criteria. Those Bidders who meet the minimum eligibility criteria and are found to be responsive shall be shortlisted and only their Financial Bids shall be opened for evaluation. The Financial Bids of the Bidders not qualifying the threshold criteria or not found to be responsive will not be opened.

3.3.1.7 The contracting Authority will enter into an Agreement with the Special Purpose Vehicle (SPV) incorporated by the Selected Bidder. Selected Bidder shall be confirming Party in the aforesaid Agreement.

3.3.1.8 Further, the parts of the Proposal Qualification Bid must be submitted online, as well as in a hard bound form with all pages numbered serially, along with an index of submissions and Financial Bid online only. In the event of any deviation from any of the instructions mentioned herein have not been adhered to, the Authority may at its sole discretion reject the bid.

3.3.1.9 RFP submissions by Bidders must be done positively by **21.01.2026 @ 03.00 P.M** on Proposal Due Date in the manner specified in the RFP document at the address given in clause 3.3.1.12 and the contracting Authority shall not be responsible for any delay in receiving the Proposal and reserves the right to accept/ reject any or all Proposals without assigning any reason thereof.

3.3.1.10 The key dates and other particulars relating to the RFP are given in the Data Sheet attached at the beginning of the RFP document. The contracting Authority may at its sole discretion alter the schedule anytime during the process by giving due notice

**3.3.1.11** Deleted.

### **3.4 INSTRUCTIONS TO BIDDERS**

#### **3.4.1 General terms of Bidding**

- 3.4.1.1 All the Bidders are required to submit their Proposal in accordance with the terms set forth in this RFP.
- 3.4.1.2 Not notwithstanding anything to the contrary contained in this RFP, the detailed terms specified in the draft Agreement shall have overriding effect: Provided that any conditions or obligations imposed on the Bidder hereunder shall continue to have effect in addition to its obligations under that Agreement.
- 3.4.1.3.1 The contracting Authority reserves the right to invite fresh bids with or without amendment of the RFP at any stage or to terminate at any time the entire bidding / selection process without any liability or any obligation to any of the Bidders and without assigning any reason whatsoever.
- 3.4.1.3.2 The Bidders shall enclose its Proposal, complete with its Formats, all the relevant documents to support information provided in the Proposal.
- 3.4.1.3.3 An individual Bidder cannot at the same time be member of a Consortium submitting a bid for the Project. Further, a member of a particular Bidder consortium cannot be a member of any other Bidder consortium submitting a bid;
- 3.4.1.3.4 Members of the Consortium shall enter into a binding Memorandum of Understanding, in the form specified at **FORMAT 7** (the “MoU”), for the purpose of submitting a bid. The MoU, to be submitted along with the Bid, shall, *inter alia*:
- 3.4.1.3.5 Any entity which has been barred/ blacklisted by the Government of Andhra Pradesh, any other State Government or Government of India from participating in any project, and the bar/blacklisting subsists as on the Proposal Due Date, the concerned entity would not be eligible to submit the Proposal, either individually or as member of a Consortium. The Bidder or each Consortium member, as the case may be, shall have to submit an affidavit to this effect as per FORMAT 4 as part of the Qualification Proposal.
- 3.4.1.3.6 While bid is open to bidders from any other country, the bidder shall work through a subsidiary or a registered company based in India

4. Tenderer may also download the tender enquiry documents (a complete set of document is available on website) from the web site <http://tender.apeprocurement.gov.in>
5. All prospective tenderers may attend the Pre Tender meeting. The venue, date and time are indicated in Schedule of Events as in Para 2 above.
6. Tenderers shall ensure that their tenders, complete in all respects, are uploaded online on or before the closing date and time indicated in the Para 2 above.
7. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold / received / opened on the next working day at the appointed time.
8. The Tender Enquiry Documents are not transferable.
9. All Tenders must be accompanied by EMD as mentioned. Tenders without EMD shall be rejected.

## 1. General Instructions

- a) The bidder should prepare and submit its offer as per instructions given in this section.
- b) The tenders shall be complete with all documents. Those submitted by fax or by email with attachments shall not be considered.
- c) The tenders which are for only a portion of the components of the job /service shall not be accepted. (The tenders / bids should be for all components of the job / service.)
- d) The prices quoted shall be **firm** and shall include all applicable taxes and duties. This shall be quoted online in the format as per attached **Appendix 'F'**.
- e) The technical bid shall be submitted with a covering letter as per **Appendix 'E'** before the last date of submission.

## 2. Inspection of Site and Equipment

The interested bidder may inspect the locations where the services are to be rendered during 10.00 AM TO 5.00 PM on all working days till last date of sale of tender as given in the tender schedule. The APMSIDC shall not be liable for any expenditure incurred in such inspection or in the preparation of the bid(s).

## 3. Earnest Money Deposit (EMD)

- a) The tender shall be accompanied by Earnest Money Deposit (EMD) as specified in the Notice Inviting Tender (NIT) in online only.
- b) It may be noted that no tendering entity is exempted from deposit of EMD. Tenders submitted without EMD shall be rejected.
- c) The EMD of unsuccessful bidder will be returned to them without any interest, after conclusion of the resultant contract. The EMD of the successful bidder will be returned without any interest, after receipt of performance security as per the terms of contract.
- d) EMD of a bidder may be forfeited without prejudice to other rights of the purchaser, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information /documents furnished in its tender is incorrect, false, misleading or forged. In addition to the aforesaid grounds, the successful bidder's EMD will also be forfeited without prejudice to other rights of purchaser, if it fails to furnish the required performance security within the specified period.

#### 4. Preparation of Tender

The bids shall be made as follows:

- I. The Technical Bid shall include the following:
  - 1) Receipt regarding payment of Processing fee Rs. 60,000/-.
  - 2) **E.M.D.** of Rs. 20,00,000/- in online only.
  - 3) Confirmation regarding furnishing **Performance Security** in case of award of contract.
  - 4) Original tender document duly stamped and signed in each page along with the Forwarding Letter confirming the performing the assignment as per "**Appendix E**".
  - 5) Particulars of the bidder as per "**Appendix-D**"
  - 6) Copy of the Income Tax Returns acknowledgement for last three financial years.
  - 7) Copy of audited accounts statement for the last three financial years
  - 8) Power of attorney in favour of signatory to tender documents and signatory to Manufacturer's Authorisation letter.
  - 9) Copy of the certificate of registration of GST, EPF, ESI with the appropriate authority valid as on date of submission of tender documents.
  - 10) A duly notarized declaration from the bidder in the format given in the "**Appendix-H**" to the effect that the firm has neither been declared as defaulter or black-listed by any competent authority of Government of India OR Government of any State.

In addition to the above documents,

- 1) The tender of the Authorized Agent shall include the manufactures authorization letter as per proforma given in "**Appendix -B**".
- 2) The tender of others (i.e. those who are neither manufactures nor authorized agents) shall include a statement regarding similar services performed by them in last three years and user's certificate regarding satisfactory completion of such jobs as per proforma given in "**Appendix -C**".

- II. Prices shall be inclusive of all taxes & duties and quoted in the proforma enclosed at "**Appendix F**" as per scope of work / service to be rendered.

## **5. Tender Validity Period and renewal of contract**

The tenders shall remain valid for 180 days for acceptance and the prices quoted shall remain for the duration of the contract, i.e., for 5 years. The contract may be extended for another 5 years of term based on review of performance and with mutual consent.

## **6. Tender Submission**

The bidders need to scan and upload the required documents. 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** on or before 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.

The offer shall contain no interlineations or overwriting except as necessary to correct errors, in which cases such correction must be initialed by the person or persons signing the tender.

## **7. Opening of Tenders:**

The technical bid will be opened at the time & date specified in the schedule.

## **SECTION III**

### **EVALUATION OF TENDERS**

#### **1. Scrutiny of Tenders**

The tenders will be scrutinized by the selection committee appointed by the authority to determine whether they are complete and meet the essential and important requirements, conditions and whether the bidder is eligible and qualified as per criteria laid down in the Tender Enquiry Documents. The bids, which do not meet the aforesaid requirements, are liable to be treated as non-responsive and may be ignored. The decision of the purchaser as to whether the bidder is eligible and qualified or not and whether the bid is responsive or not shall be final and binding on the bidders. Financial bids of only those bidders, who qualify on technical bid, will be considered and opened.

#### **2. Infirmity / Non-Conformity**

The purchaser may waive minor infirmity and / or non-conformity in a tender, provided it does not constitute any material deviation. The decision of the purchaser as to whether the deviation is material or not, shall be final and binding on the bidders.

#### **3. Bid Clarification**

Wherever necessary, the purchaser may, at its discretion, seek clarification from the tenderers seeking response by a specified date. If no response is received by this date, the purchaser shall evaluate the offer as per available information.

## **SECTION IV**

### **JOB Description**

The Service Provider shall be responsible for operationalization of Cathlab facility to offer Cath lab services to the patients referred by Government Hospitals. Ownership status of all movable assets created from the investments made by the Service Provider shall remain with the Service Provider. The service provider is allotted a space on lease by the authority and the services provide shall make complete arrangements to make the Cath lab machine operational (including procurement of Cath lab Machine).

### **SCOPE OF THE WORK**

The obligations of the service provider / firm under this service contract shall include following service activities and commitments. The details of various services required at different locations and type of facilities is given in **Appendix 'A'**.

1. The Service Provider shall not be entitled to levy any charge on the patients. The services shall be provided completely cashless to all patients referred by Government Hospitals. The service provider shall have the packages associated with the Dr NTRVST Cath lab procedures and shall charge the same to direct 'walk-in' patients.
2. The service provider shall submit the hard and soft copies of the procedures/reports and images to the hospital within stipulated time within 2 hours.
3. The service provider shall also ensure at its own cost, an IT enabled work station at the Cardiology, Cardio Thoracic Surgery Departments ( Where available), Radiology Department of the Government Hospitals where the images and soft copy of the report of the patient should reach within stipulated time.
4. The human resources including Cardiologist, Cardio Thoracic Surgeron, Anesthesiologist, Radiation Safety Officer, Cath lab technicians, Staff nurses **and other employees as required** for the Cath lab facility shall be sole responsibility of the service provider along with their remunerations.
5. The service provider shall closely associate with the Cardiology, Cardio Thoracic Surgery **Departments** (Where Available), Radiology and Operation

Theatre of the in-house facility in case of any emergency during the cardiac intervention procedures. Service provider shall have the necessary equipment and systems put into place for shifting the patient from Cath lab to operation theatre.

6. The service provider shall use the stents (metal and drug eluting) as directed by the Govt approved stent manufacturers and compliance with the regulation of NPPA.
7. The Service Provider shall send all the patients of pre and post cath procedure laboratory and pathology investigation to the laboratory available within the medical facility. **In case any investigation is unavailable in the medical facility, service provider is obliged to get the necessary investigation done at its own costs.**
8. The service provider shall have the packages associated with the Dr NTRVST Cath lab procedures and shall charge the same to direct walk in patients.

## SECTION V

### ELIGIBILITY CRITERIA

1. The Bidder shall be a sole provider (Company/Society/Trust) or a group of companies (maximum 3) coming together as Consortium to implement the Project. The Lead Member in case of Consortium should have at least 51% stake of the consortium and must also have all legal liabilities. The bidder cannot be an individual or group of individuals. The Service provider should be registered as a legal entity such as company registered under Companies Act, Societies Registration Act, Trust Act or an equivalent law applicable in the region/state/ country. A bidder cannot bid as a sole provider as well as a partner in a consortium. No bidder can place more than one bid in any form. In support of this, the bidder's letter shall be submitted as per proforma in **Appendix 'B'**.
2. The Bidder shall have adequate experience in carrying out similar type of assignment / service in private or public sector. In support of this, a statement regarding assignments of similar nature successfully completed during last three years should be submitted as per proforma in **Appendix 'C'**. Users' certificate regarding satisfactory completion of assignments should also be submitted. The assignment of Govt. Depts. / Semi Govt. Depts. should be specifically brought out. (The decision of the Purchaser as to whether the assignment is similar or not and whether the bidders possess adequate experience or not, shall be final and binding on the bidders.)
3. The Bidder shall have at least Three to Five Cath lab Service Centers (with fully trained service personnel) and provides reports for a minimum of 3500 to 5000 procedures per annum in one of more States of India.
4. The Bidders and their associated organizations are not blacklisted by the manufacturers, State Govt and Govt of India.
5. The bidder shall declare all ongoing litigations it is involved in with any government agency/ state/central department
6. The principal bidder shall have a minimum turnover of **Rs.10.00 Cr** in last three financial years i.e(2022-23,2023-24,2024-25)
7. The principal bidder shall be legally responsible and shall represent all consortium members, if any, in all legal matters. (**Declaration to be submitted by the Principal Bidder**)

## **SECTION VI**

### **TERMS AND CONDITIONS**

#### **1. Signing of Contract**

The purchaser shall issue the Notice for Award of Contract to the successful bidder within the bid validity period. And the successful bidder will be required to sign and submit the contract unconditionally within 15 days of receipt of such communication.

#### **2. Modification to Contract**

The contract when executed by the parties shall constitute the entire contract between the parties in connection with the jobs / services and shall be binding upon the parties. Modification, if any, to the contract shall be in writing and with the consent of the parties.

#### **3. Performance Security**

- a) The successful bidder shall furnish a performance security in the shape of a Demand Draft/Bank Guarantee issued by a Nationalized Bank in favour of Contracting Authority for an amount of **Rs. 6 Crores**. The Bank guarantee shall be as per proforma at "**Appendix G**" and remain valid for a period, which is six months beyond the date of expiry of the contract. This shall be submitted within 15 days (minimum) of receiving of Notice for Award of Contract, failing which the EMD may be forfeited and the contract may be cancelled.
- b) If the firm / contractor violates any of the terms and conditions of contract, the Performance Security shall be liable for forfeiture, wholly or partly, as decided by the Purchaser and the contract may also be cancelled.
- c) The Purchaser will release the Performance Security without any interest to the firm / contractor on successful completion of contractual obligations.

#### **4. Compliance of Minimum Wages Act and other statutory requirements**

The bidder shall comply with all the provisions of Minimum Wages Act and other applicable labour laws. The bidder shall also comply with all other statutory provision including but not limited to provisions regarding medical education and eligibility criteria of human resources used by the bidder for providing the services, biomedical waste management, bio-safety, occupational and environmental safety.

Legal liability to the extent of reporting of images for each reported case extends to the service provider. However overall legal responsibility of provision of medical care lies with the Authority/ public health facility. The service provider shall maintain confidentiality of medical records and shall make adequate arrangement for cyber security.

## **5. Income Tax Deduction at Source**

Income tax deduction at source shall be made at the prescribed rates from the bidder's bills. The deducted amount will be reflected in the requisite Form, which will be issued at the end of the financial year.

## **6. Periodicity of Payment**

The payment will be made on **monthly** basis not extending beyond 12 noon of the last bank working day of the **month** through ECS for all invoices raised. The purchaser shall give standing instructions to the bank for implementation of this requirement. The bidder will raise its invoice on completion of services during this period duly accompanied by evidences of services provided. The payment will be subject to TDS as per Income Tax Rules and other statutory deductions as per applicable laws.

## **7. Damages for Mishap / Injury**

The purchaser shall not be responsible for damages of any kind or for any mishap/injury/accident caused to any personnel/property of the bidder while performing duty in the purchaser's / consignee's premises. All liabilities, legal or monetary, arising in that eventuality shall be borne by firm/ contractor.

## **8. Termination of Contract**

The purchase may terminate the contract, if the successful tenderer withdraws its tender after its acceptance or fails to submit the required Performance Securities for the initial contract and or fails to fulfill any other contractual obligations. In that event, the purchaser will have the right to purchase the same goods/ equipment from next eligible bidder and the extra expenditure on this account shall be recoverable from the defaulter. The earnest money and the performance security deposited by the defaulter shall also be recovered to pay the balance amount of extra expenditure incurred by the purchaser.

## **9. Arbitration**

- a) If dispute or difference of any kind shall arise between the purchaser and the firm/ contractor in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- b) If the parties fail to resolve their dispute or difference by such mutual consultations within thirty days of commencement of consultations, then either the purchaser or the firm/contractor may give notice to the other party of its intention to commence arbitration, as hereinafter provided. The applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India. In that event, the dispute or difference shall be referred to the sole arbitration of an officer to be appointed by the **Contracting Authority** as the arbitrator. If the arbitrator to whom the matter is initially referred is transferred or vacates his office or is unable to act for any reason, he / she shall be replaced by another person appointed by the **Contracting Authority** to act as Arbitrator. Such person shall be

entitled to proceed with the matter from the stage at which it was left by his predecessor.

The award of the provision that the Arbitrator shall give reasoned award in case the amount of claim in reference exceeds Rupees Two Lakhs (Rs.2,00,000/-)

- c) Work under the contract shall, notwithstanding the existence of any such dispute or difference, continue during arbitration proceedings and no payment due or payable by the Purchaser or the firm / contractor shall be withheld on account of such proceedings unless such payments are the direct subject of the arbitration.
- d) Reference to arbitration shall be a condition precedent to any other action at law.
- e) Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued.

## **10. Applicable Law and Jurisdiction of Court**

The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force. The Court located at the place of issue of contract shall have jurisdiction to decide any dispute arising out of in respect of the contract. It is specifically agreed that no other Court shall have jurisdiction in the matter.

## **11. Other Terms & Conditions**

- a) The Project will be awarded for a period of 5 years and extendable another 5 years, and the Service Provider will be obliged to establish, manage and operate the Project in accordance with the provisions of a Contract Agreement and terms and conditions therein. It could be cancelled at any time after providing an opportunity of hearing by the Authority, in case the contractor does not follow the rules, regulations and terms and condition of the contract.
- b) The Authority may provide the required space, for establishing the Project. A lease agreement shall be enforced for the full term of the contract at value and terms declared by the authority. A Possession Certificate in plain paper shall be issued while handing over the above mentioned space. In case the authority is unable to provide the space; the service provider may carry these services at its owned/rented/leased space or partner with an already existing Cath lab facility near the hospital. In any of these cases refurbished Cath lab machine is not allowed.
- c) New Installation & continuation: The service provider shall commission the Cath lab facility within 120 days of the signing of the contract by both parties. In case of continuation of the service provider for the subsequent contract period, this time period shall not be valid.
- d) Technology Up gradation: The machine shall be suitably upgraded by the service provider under following conditions:

- e) Review by a board appointed by Authority upon assessing the need for a technology up gradation. Such reviews should not be made in less than one year.
- f) Upon declaration of any national or international guideline accepted by the Government prohibiting the use of earlier (currently installed) technology
- g) After completion of 2 contract periods of 10 years, the entire Cath lab equipment shall be replaced.
- h) List of tests & their associated cost may be furnished as per [appendix F](#)
- i) One Cath lab machine would be installed for each Government Hospital.
- j) All the pre-requisites such as civil, electrical, air-conditioning, computer or any other changes in the site for installation of machine will be executed by the service provider at its own cost, with due permission of the Authority (permission required only if the space is provided by the administration). The Government Hospitals administration will not be responsible for any loss/damage to the machine/property due to natural hazard and licensee will take adequate insurance cover at his own risk & liability for all damages arising out due to any unprecedented reasons. The service provider shall provide round the clock security services for the Cath lab facility at its own cost for the entire period of contract. The contract and terms thereof shall be governed by indemnification clause.

WHEREAS the Procurer is desirous of obtaining certain healthcare services, specifically Interventional Cardiology Services and Providing Cath lab Services in Andhra Pradesh under PPP Mode, should pay Rs.3,00,000/- monthly facility service charges (Cath lab Machine by provider) at GGH Srikakulam, GGH Nellore, and SVRRGGH Tirupati, and with Rs.6,00,000/- monthly facility service charges to GGH, Kakinada (Cath Lab Owned by the institution) should be deposited to HDS Account of respective institutions.

The Service Provider shall coordinate with the hospital faculty and shall operate under the supervision of the existing Cardiology/CTVS/Radiology Departments, with the respective Department Heads acting as the in-charge for the services.

- k) All expenses on account of man power, electricity, water and other maintenance of premises and the machine, security or any other expenses incurred in the day to day running of the machine (AMC/CMC) shall be borne by the provider.
- l) The service provider shall provide a computer, with connection to the server, software to view the diagnosed images and its requisite peripherals at the Government Hospitals at its own cost.

- m) Image retention for MLC cases or otherwise would be the responsibility of the authority and the service provider shall handover the softcopy of the images to the authority as per agreement with the state. Legal responsibility of correct reporting of images lies with the service provider.
- n) The Cath lab machine provided must be AERB type approved and it is the responsibility of the service provider to modify room layout of the installation site as per AERB guidelines and get license from AERB to run this Cath lab machine. It is the responsibility of the service provider to employ Radiation Safety Officer (RSO) for every Cath lab machine under their operation.
- o) Service Provider shall ensure best quality of tests and protocols and shall submit a half yearly report of clinical audit done by a third party or as nominated by the authority.
- p) Annual review of performance and observance of terms & conditions including quality of tests shall be carried out by a committee which shall include **Medical Superintendent, HOD of Cardiology and Cardio Thoracic Surgeon ( Where available )** & Head of department of Radio diagnosis of Government Hospitals along with the members of HoD General Medicine, HoD General Surgery and others nominated by the authority. The report of this annual review shall form the basis for extension of the contract annually within the contract period.
- q) The provider would be allowed to use the machine for outside (non-referred) patients at cost decided by the service provider. **For NTRVST package procedures the provider shall charge the same rates as in NTRVST.**
- r) The service provider will have to maintain an uptime of 90% with maximum 12 days of downtime at a stretch. In case the service provider fails to do so, the provider shall pay a sum equivalent to cost per Cath lab multiplied by total number of Cath lab done per day during the given month, for each day of shutdown beyond 12 days. If shut down extends beyond 30 days due to technical and/or administrative reasons on the part of service provider, the contract may be cancelled. Contractor shall make alternative arrangements for provision of Cath lab (including free transportation of patients) in case the machine is out of order/ broken down for period greater than 24 hours. The rates at which the Authority has engaged the service provider shall not change in any case.
- s) State authority shall make payment to the service provider for its services on **Monthly** basis through ECS for all invoices raised for the previous **Month**. The payment should be made latest by last working day of every **month** to the service provider. The Authority shall not pay the service provider any charges for any repeat tests resulting out of imaging errors.
- t) A no-fee receipt shall be provided by the service provider to every patient. A copy of all such receipts shall be submitted on a **monthly** basis by the service provider to the Government Hospitals. This will form the basis of **monthly** payment by purchasing authority to the service provider for the said services.

All receipts shall be subjected to a third party annual audit and the audit report submitted as part of annual work report of the service provider for that facility.

- u) The following records shall be maintained on a daily basis by the service provider:
- v) Daily patients register including outside as well as for patients referred by Government Hospitals to be separately maintained.
- w) Log book for record of any breakdown/shut down of the machine/facility.
- x) The service provider shall not sell or transfer any proprietary right or entrust to any other third party for running the Cath lab facility. The service provider may however refer the test to another center in case of breakdown/shutdown ensuring all other conditions pertaining such as services, reports, records, patient transport and safety of processes and procedures in the referred center.
- y) The provider shall take a third-party insurance policy to cover the patients sent by the Government Hospitals against any mishap during patient transport, inside the Cath lab facility and for consequences arising due to reporting error. Conforming to the provision of the consumer protection act shall be the sole and absolute responsibility/ liability of the service provider.
- z) After closure of the contract agreement between the service provider and the authority, the service provider shall vacate the space occupied, if provided by the authority, within a period of 60 days.
- aa) Electricity, water, medical gases and all other required amenities including waiting area for patient & patient attendant shall be the responsibility of the service provider.
- bb) The service provider shall provide a resuscitation room with crash cart for providing lifesaving support if required by patients within the Cath lab facility.
- cc) Provider shall arrange for appropriate and adequate signage and IEC (Information-education- communication) activities for the Cath lab machines as decided by the authority.
- dd) The provider shall abide by all the guidelines issued by the Authority and statutory bodies. In case of violation the contract could be terminated after providing an opportunity of hearing to the contractor, at one month's notice. Dispute resolution shall be as per arbitration clause given in the contract.
- ee) The Authority shall receive Bids pursuant to this RFP in accordance with the terms set forth herein as modified, altered, amended and clarified from time to time by the Authority, and all Bids shall be prepared and submitted in accordance with such terms on or before the date specified in Clause for submission of Bids.
- ff) The service provider shall be responsible for storage of images and reports of all Cath lab done by the service provider including image retrieval system for a period of ten years. In case of change of service provider for any reason, the

stored data and images must be transferred to the new provider for continuation of storage.

- gg) The service provider shall provide the following:
- hh) Soft copy of images and report – one copy each to the patient and Government Hospitals. Hard copy of report – each to patient and Government Hospitals.

APMSIDC.

Annexure –I

1.The service provider has to provide the Cathlab services, one each Cathlab installation **in Government Hospitals as follows:**

| <b>S. No.</b> | <b>Location</b>    | <b>No of machine</b> |
|---------------|--------------------|----------------------|
| 1             | GGH Srikakulam     | 1                    |
| 2             | ACSRGGH Nellore    | 1                    |
| 3             | SVVRRGGH Tirupathi | 1                    |
| 4             | GGH Kakinada (O&M) | 1                    |

**Existing Cathlab facilities are as follows :**

| <b>S.No.</b> | <b>Location</b>                 | <b>Faculty</b>                                | <b>Cathlab</b> | <b>Remarks</b>  |
|--------------|---------------------------------|---|----------------|---|
| 1            | KGH Visakhapatnam<br>(PPP Mode) | Professor. 1<br>Asst. Prof. 1                 | 1              | Cath lab machine is available since 8 years.                            |
| 2            | GGH Kadapa                      | Asst. Prof. 1                                 | 1              | Cath lab machine is available since December 2024                       |
| 3            | GGH Vijayawada<br>(PPP Mode)    | Professor 1<br>Assoc.Prof. 1<br>Asst. Prof. 1 | 1              | Cath lab machine is available since 8 years                             |
| 4            | GGH Guntur<br>(PPP Mode)        | Professor 1<br>Assoc.Prof. 1<br>Asst. Prof. 1 | 1              | Cath lab machine is available since 8 years.                            |
| 5            | GGH Ananthapuramu<br>(Govt)     | Assoc.Prof. 1<br>Asst. Prof. 1                | 1              | Cath lab machine is available since 8 years                             |
| 6            | GGH Kurnool<br>(Govt)           | Professor. 1<br>Asst. Prof. 6                 | 1              | Cathlab more than 10 yrs old. Warranty period over<br>Needs replacement |
| 7            | GGH Ongole<br>(Govt)            |   | 1              | Cath lab machine is available since May 2024                            |

**BIDDER'S AUTHORISATION LETTER**  
**(To be submitted by authorized agent)**

To

The Managing Director,  
APMSIDC, Mangalagiri, Guntur.

Ref. Your TE document No.-----, dated-----

Dear Sirs,

We, ..... are the suppliers of ..... (name of services (s) and hereby confirm that;

1. Messrs ----- (name and address of the agent) is our authorized agents for -----
2. Messrs ----- (name and address of the agent) have fully trained and experienced service personnel to provide the said services.

Yours faithfully,

---

[Signature with date, name and designation] for and on behalf of Messrs

---

[Name & Address of the Manufacturers]

**Note:**

1. This letter of authorization should be on the letterhead of the manufacturing firm and should be signed by a top executive of the manufacturing firm.
2. Original letter shall be attached to the tender.

**ASSIGNMENT OF SIMILAR NATURE SUCCESSFULLY COMPLETED DURING LAST THREE YEARS**

1. Attach users' certificates (in original) regarding satisfactory completion of assignments. Note: Attach extra sheet for above Performa if required.

Signature.....

Name .....

| S. No | Assignment contract No. & date | Description of work/services provided | Contract price of assignment | Date of commencement | Date of completion | Was assignment satisfactorily completed | Address of organization with Phone No. where assignment done |
|-------|--------------------------------|---------------------------------------|------------------------------|----------------------|--------------------|---|--|
| 1.    |                                |                                       |                              |                      |                    |   |  |
| 2.    |                                |                                       |                              |                      |                    |   |  |
| 3.    |                                |                                       |                              |                      |                    |   |  |
| 4.    |                                |                                       |                              |                      |                    |   |  |
| 5.    |                                |                                       |                              |                      |                    |   |  |
| 6.    |                                |                                       |                              |                      |                    |   |  |
| 7.    |                                |                                       |                              |                      |                    |   |  |
| 8.    |                                |                                       |                              |                      |                    |   |  |
| 9.    |                                |                                       |                              |                      |                    |   |  |
| 10.   |                                |                                       |                              |                      |                    |   |  |

**PARTICULARS OF THE BIDDER'S COMPANY**

(To be submitted by all tenderers / bidders)

1. Name :
2. Registered Address
3. Phone/Fax/Mail id
4. Type of Organization  
: Prop./Partnership/Company/Consortium/Trust/ Not for Profit Organization
5. Address of Service centers in the region:
  - (a) Total No. of services personnel at the existing centers:
  - (b) Total No. of locations where organization currently has centers:
6. Number of service personnel:

| Name                           | Qualification | Experience (Similar Service) |
|--------------------------------|---------------|------------------------------|
|                                |               |                              |
|                                |               |                              |
| (use extra sheet if necessary) |               |                              |

7. Whether the bidder has NABL/NABH/ISO or any other accreditation? (If yes/ whether documents attached with techno commercial bid).
8. Registration. Nos.
  - (a) EPF
  - (b) ESI
  - (c) GST
  - (d) PAN No.
  - (e) Audited Accounts Statement for past three financial years
  - (f) Copy of Income Tax Return for past three financial years
  - (g) Experience certificate of Bidder regarding existing Cathlab services
9. Brief write-up about the firm / company. (use extra sheet if necessary)

Date:  
Place:

Signature of Bidders  
Name  
Office Seal

**Forwarding Letter for Technical Bid**  
(To be submitted by all tenderers / bidders in their letterhead)

Date:.....

To

The Managing Director,  
APMSIDC, Mangalagiri, Guntur.

Sub: Tender for supply of services under Tender No....

Sir,

We are submitting, herewith our tender for providing Cathlab services for ..... Government Hospitals.

We are enclosing Receipt No..... or Bank Draft/Bankers Cheque No....., Dated.....(amount.....) towards tender cost/fee (if documents have been downloaded from website) and online payment transaction receipt number towards Earnest Money Deposit (EMD).

We agree to accept all the terms and condition stipulated in your tender enquiry. We also agree to submit Performance Security as per Clause No. 3 of Section VI of Tender Enquiry document.

4. We agree to keep our office valid for the period for the period stipulated in your tender enquiry.

Enclosures:

- 1.
- 2.
- 3.
- 4.
- 5.

Signature of the  
Tenderer.....

seal of the  
Tenderer.....

**FINANCIAL BID**

1. Name of the Tenderer:.....
2. The following tests are prescribed as tests that would be requested from Government Hospitals to the service provider. The service provider is required to quote financial bid as a single rate per Cathlab facility :-

Cardiac interventions / procedures as per the NTRVST with package:

| <b>Code</b> | <b>Procedures</b>   | <b>Packages in Rs</b>          |
|-------------|---|--------------------------------|
| S7.1.1.1    | Coronary Balloon Angioplasty with bare metal stent (00.45)    | As per Dr NTRVST package rates |
| S7.1.1.2    | PTCA 1 Additional bare metal Stent (00.46)                    |                                |
| S7.1.1.3    | Coronary Balloon Angioplasty with Drug eluting stent (00.45)  |                                |
| S7.1.1.4    | PTCA 1 Additional Drug eluting Stent (00.46)                  |                                |
| S7.1.2.1    | ASD Device Closure  |                                |
| S7.1.2.2    | VSD Device Closure  |                                |
| S7.1.3.1    | Patent Ductus Arteriosus - Stenting                           |                                |
| S7.1.3.2    | Patent Ductus Arteriosus - Device Closure                     |                                |
| S7.1.3.3.1  | Patent Ductus Arteriosus - Single Coil Closure                |                                |
| S7.1.3.3.2  | Patent Ductus Arteriosus - Multiple Coils Closure             |                                |
| S7.1.4.1    | Balloon Valvotomy   |                                |
| S7.1.4.2    | Balloon Atrial Septostomy                                     |                                |
| S7.1.5.1    | Permanent Pacemaker Implantation                              |                                |
| S7.1.5.2    | Temporary Pacemaker Implantation                              |                                |
| S7.1.6.1    | Coarctation of Aorta Repair With Stent + Aortoplasty(35.11)   |                                |
| S7.1.6.2    | Coarctation of Aorta Repair Without Stent+ Aortoplasty(35.11) |                                |
| S7.1.7.1    | Renal Angioplasty   |                                |
| S7.1.7.2    | Peripheral Angioplasty  |                                |
| S7.1.7.3    | Vertebral Angioplasty   |                                |
| S7.1.7.4    | Peripheral Angioplasty - Additional Stent (00.46)             |                                |

Monthly facility service charges to the hospital in GGH Srikakulam Rs. \_\_\_\_\_.

Monthly facility service charges to the hospital in ACSR GGH Nellore Rs. \_\_\_\_\_.

Monthly facility service charges to the hospital in SVRRGGH Tirupathi Rs. \_\_\_\_\_.

Monthly facility service charges to the hospital in GGH Kakinada (O&M) Rs. \_\_\_\_\_.

(The bidder will be selected on quoting highest price on above).

Information Technology Electro - (B) | <https://tenderapiprocurement.gov.in/ViewItemFormatX.html#>

| Current Tender Details            |  | Tender Number / Tender Notice Number: 2.140HG20G/2015-17, Dated: 07.05.2015 |  |                             |                                     |                             |
|-----------------------------------|--|---|--|-----------------------------|-------------------------------------|-----------------------------|
| Tender ID: 1230                   | Tender Category: PRODUCTS                | Tender Evaluation Type: Item wise   | Estimated Contract Value: 0                |                             |                                     |                             |
| Tender Type: OPEN                 | Tender Opening Date: 17/05/2016 05:15 PM | Bid Submission Closing Date: 01/06/2016 05:15 PM                            |  |                             |                                     |                             |
| Schedule Details                  |  | Schedule Name: Miscellaneous  |  |                             |                                     |                             |
| Item Details                      |  | Schedule Description: Different items                                       |  |                             |                                     |                             |
| Item Code: Sung001                | Item Name: GRAM STAINING KIT             | Item Description: As per tender document                                    | Item Specification: As per tender document |                             |                                     |                             |
| Add / Edit Cost Component Details |  |   |  |                             |                                     |                             |
| SL                                | Component Name                           | Type  | Percentage / Amount                        |                             |                                     |                             |
| E001                              | CST                                      | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E002                              | Customs Duty                             | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E003                              | Discount                                 | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E004                              | Entry Tax                                | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E005                              | Excise Duty Including Cess               | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E006                              | Freight Charges                          | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E007                              | Insurance Charges                        | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E008                              | Other Charges/ Levy                      | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E009                              | Packaging & Forwarding Charges           | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| E010                              | VAT                                      | --SELECT--  | --SELECT--                                 |                             |                                     |                             |
| Remarks                           |  |   |  |                             |                                     |                             |
| Total MTR Quantity                | Offered Quantity (A)                     | Brand/Make/Model  | Basic price Unit (INR) (B)                 | Basic price Unit (in Words) | Total Cost Component Unit (INR) (C) | London Price Per Unit (B+C) |
|                                   |  |   |  |                             |                                     |                             |

The prices shall be firm and inclusive of all taxes and duties presently in force.

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## PROFORMA FOR BANK GUARANTEE

To

The Director of Medical Education,  
Old GGH Hospital Premises,  
Vijayawada, Andhra Pradesh.

WHEREAS.....(Name and address of the Service Provider) (Hereinafter called “ the Service provider” has undertaken, in pursuance of contract No..... dated ..... (Herein after “the contract”) to provided Cathlab services.

AND WHEREAS it has been stipulated by you in the said contract that the service provider shall furnish you with a bank guarantee by a **Nationalized bank** recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give such a bank guarantee on behalf of the service provider;

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

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

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

This guarantee shall be valid up to 15 (fifteen) months from the date of signing of contract i.e. up to..... (indicate date)

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

.....  
Name and designation of the officer

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

**DECLARATION BY BIDDER**

I / We ..... agree that we shall keep our price valid for a period of one year from the date of approval. I / We will abide by all the terms & conditions set forth in the tender documents No. .... /

**I / We do hereby declare I / We have not been de- recognized / black listed by any State Govt. / Union Territory / Govt. of India / Govt. Organization / Govt. Health Institutions.**

Signature of the bidder:

Date:

Name & Address of the Firm:

## CONTRACT FORMAT

Affidavit before Executive Magistrate / Notary Public in Rs.100.00 stamp paper.

### CONTRACT FORM FOR PROVIDING CATHLAB FACILITIES

.....  
.....

**CM Contract No. \_\_\_\_\_ dated \_\_\_\_\_**

**This is in continuation to this office's Notification for Award of contract No .....  
Dated.**

Name & address of the Service Provider:

.....

**Reference:** (i) Tender Enquiry Document No ..... Dated ..... and  
subsequent Amendment No ....., dated ..... (if any), issued by the Tender  
Inviting Authority (ii) Service provider's Tender No ..... Dated ..... and  
subsequent communication(s) No .....

Dated ..... (If any), exchanged between the supplier and the purchaser in  
connection with this tender.

THIS AGREEMENT made the ..... Day of ..... **2025** between (name of tender  
inviting authority) (hereinafter called the **Procurer**) of one part and ..... (Name of  
service provider) (Hereinafter called the **Service Provider**) of the other part:

WHEREAS the Procurer is desirous that certain services should be provided by the  
Service Provider, viz, (brief description of services) and the Procurer has accepted a  
tender submitted by the Service Provider for the Services for the sum of .....  
(Contract price in words and figures) (Hereinafter called the Contract Price),

#### **NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:**

1. The following documents shall be deemed to form part of and be read and  
constructed as integral part of this Agreement, viz.:
  - (i) Terms and Conditions;
  - (ii) Location and Description of Equipment;
  - (iii) Job Description;
  - (iv) Manufacturer's Authorization Form (if applicable to this tender);
  - (v) Purchaser's Notification of Award.

2. In consideration of the payments to be made by the Procurer the Service Provider hereby covenants to provide the Comprehensive Maintenance Services for the specified equipments in conformity in all respects with the provisions of the Contract.
3. The Procurer hereby covenants to pay the Service Provider in consideration of the services; 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 in the Contract.
4. The bank guarantee valid till \_\_\_\_\_ [(fill the date)] for an amount of Rs. \_\_\_\_\_ [(fill amount) equivalent to 10% (minimum) of the cost of the contract value] shall be furnished in the prescribed format given in the TE document, within a period of 15 (fifteen) days of issue of Notice for Award of Contract failing which the EMD shall be forfeited.
5. Payment terms: The payment will be made against the bills raised to the Procurer by the Provider on **monthly** basis after satisfactory completion of said period, duly certified by the designated official. The payment will be made in Indian Rupees.

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**(Signature, name and address of authorized official)**

**For and on behalf of** \_\_\_\_\_

Received and accepted this contract

(Signature, name and address of the supplier's executive duly authorized to sign on behalf of the Provider)

**For and on behalf of** \_\_\_\_\_

(Name and address of the Provider) (Seal of the provider)

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

Place: \_\_\_\_\_

## FORMAT 7 MEMORANDUM OF UNDERSTANDING (MoU)

(To be executed on a non-judicial stamp paper of Rs. 100/- duly attested by notary public)

This Memorandum of Understanding (MoU) entered into this day of 201\_ at \_\_\_\_\_

Among \_\_\_\_\_ (hereinafter referred as "\_\_\_\_") and having office at (**Insert : Address**), India Party of the First Part

And

\_\_\_\_\_ (hereinafter referred as "\_\_\_\_") and having office at (**Insert : Address**), India Party of the Second Part

And

\_\_\_\_\_ (hereinafter referred as "\_\_\_\_") and having office at (**Insert : Address**), India Party of the Third Part

And

\_\_\_\_\_ (hereinafter referred as "\_\_\_\_") , and having office at (**Insert : Address**), India party of the fourth part

The parties are individually referred to as Party and collectively as Parties.

WHEREAS the Department of Health & Family Welfare, Government of Andhra Pradesh, has invited Qualification Proposal and Financial Proposal from entities interested in **"Providing Cathlab facilities in certain Government Teaching Hospitals in Andhra Pradesh.**

AND WHEREAS the Parties have had discussions for formation of a consortium for bidding for the said Project and have reached an understanding on the following points with respect to the Parties' rights and obligations towards each other and their working relationship.

IT IS HEREBY AS MUTUAL UNDERSTANDING OF THE PARTIES AGREED AND DECLARED AS FOLLOWS:

1. That the Parties shall carry out all responsibilities as Bidder in terms of the Agreement.
2. The Parties hereby undertake to perform the roles and responsibilities as described below:
  - a. Party of the First Part shall be the Lead member of the consortium and shall have the power of attorney from all Parties for conducting all business for and on behalf of the consortium during the bidding process and until the Effective Date under the Agreement when all the obligations of the SPV shall become effective;
  - b. Party of the Second Part shall be the \_\_\_\_\_.
  - c. Party of the Third Part shall be the \_\_\_\_\_.

d. Party of the Fourth Part shall be the \_\_\_\_\_.

3. The Parties affirm that they shall implement the Project in good faith and shall take all necessary steps to carry out the Project expeditiously. They shall not negotiate with any other party for this Project except without the written permission of the Bidder if required.

4. The Parties do hereby undertake to be jointly and severally responsible for all obligations and liabilities relating to the Project and in accordance with the terms of the RFP and the Agreement, till the Agreement Period for the Project is achieved under and in accordance with the Agreement.

5. The Parties agree that the proportion of shareholding among the Parties in the SPV shall be as follows:

First Party:

Second Party:

Third Party :

Fourth Party :

6. The Parties commit that the Members, including the Lead Member, whose Technical Capacity and Financial Capacity is evaluated for the purposes of qualification under this RFP, shall hold at least 26(may be changed as per state government/corporation/society procurement rules) (twenty six per cent) of the subscribed and paid up equity of the SPV and all other Members shall hold at least 10% (ten percent) (may be changed as per state government/corporation/society procurement rules) each of the subscribed and paid up equity of the SPV for the entire Agreement period; provided that the Lead Member of the consortium shall at all times hold equity share capital of the SPV higher than the share capital held by any other member of the consortium.

7. The Parties undertake that all the members of the consortium acknowledge and agree that they shall collectively, hold at least 51% (fifty one per cent) (may be changed as per state government/corporation/society procurement rules) of the subscribed and paid up equity of the SPV at all times until the end of Agreement Period.

8. The Parties undertake that they shall comply with all equity lock-in requirements set forth in the Agreement.

9. That this MoU shall be governed in accordance with the laws of India and courts in Hyderabad shall have exclusive jurisdiction to adjudicate disputes arising from the terms herein.

In witness whereof the Parties affirm that the information provided is accurate and true and have caused this MoU to be duly executed on the date and year above mentioned.

(Party of the first part)

(Signature) (Name)  
(Designation) (Address)

Witness:

(Party of the second part)  
(Party of the third part)  
Party of the fourth part)

Note:

1. The mode of execution of the MoU should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
2. Also wherever required, the executants (s) should submit for verification the extract of the charter documents and documents such as resolution/ Power of attorney in favour of the person executing this Power of attorney for the designation of power hereunder on behalf of the Bidder.
3. For a Memorandum of Understanding (MoU) executed and issued overseas, the document shall be authenticated by the Indian Embassy and notarized in the jurisdiction where the MoU is being executed. However, the MoU executed in a country that has signed the Hague Legislation Convention, 1961 is not required to be authenticated by the Indian Embassy if it carries a conforming Apostille certificate.

## **FORMAT 4 AFFIDAVIT (NON-CONVICTION)**

(To be furnished by the Bidder In case of consortium to be given separately by each member)

(On Non – judicial stamp paper of Rs 100 duly attested by notary public)

1. I, the undersigned, do hereby certify that all the statements made in our proposal are true and correct.
2. The undersigned hereby certifies that Company/Society/Trust M/s \_\_\_\_\_ its directors/President/Chairperson/Trustee have abandoned any work for the Government of Andhra Pradesh or any other State Government during last five years prior to the date of this Bid.
3. The undersigned also hereby certifies that Company/Society/Trust M/s \_\_\_\_\_ its directors/ President/Chairperson/Trustee have been debarred / blacklisted by Government of Andhra Pradesh, or any other State Government or Government of India for any work.
4. The undersigned further certifies that
  - a) Our Company/Society/Trust ..... has not been punished for any offence and
  - b) The Director/President/Chairman/Trustee of our Company / Society/Trust.....have/has neither been convicted of any offence nor any criminal case(s) is/are pending before any Competent Court.
5. The undersigned hereby authorize(s) and request(s) any bank, person, firm, Competent Contracting Authority or corporation to furnish pertinent information deemed necessary and requested by Department of Health & Family Welfare, Government of Andhra Pradesh to verify this statement or regarding my (our) competence and general reputation.
6. The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department of Health & Family Welfare, Government of Andhra Pradesh.

Signed by an authorized Officer of the Company/Society/Trust

Title of Officer

Name of Company/Society/Trust Date



Emergency equipment: The following equipment should be provided for by the service provider:

### **Name of the Equipment**

1. Ventilator (1 No)
2. Resuscitation equipment including Laryngoscope, endotracheal tubes, suction equipment, xylocaine spray, oropharyngeal and nasopharyngeal airways, Ambu Bag
3. Oxygen cylinders with flow meter/ tubing/catheter/face mask/nasal prongs
4. Suction Apparatus
5. Biphasic Defibrillator with standard accessories and Adult and Pediatric internal paddles.
6. Pressure Injector
7. Intra-Aortic Balloon pump
8. Cardiac monitor with IBP and ETCO2
9. Stretcher (4 Nos)
- 9 All required consumables

### Records for Procedure

It is recommended to have the following minimum standards and staffing pattern for the CATH LAB.

### **SI .No Staff Ratio and work distribution**

1. Cardiologists ( 2 Nos) and Cardio Thoracic Surgeon (2 Nos)
2. Anesthesiologist (2 Nos)
3. RSO (1 No)
4. Eight (8 Nos) CATH LAB technician
5. Eight (8 Nos) CATH LAB/ICU trained nurses
6. Eight (8 Nos) sweepers
7. Hospital attendants/multi-purpose workers (8 Nos)

It is proposed that, where the Government Faculty is available will act as Unit I, Faculty of PPP will act as Unit II along with the Govt faculty. Dr NTVST incentive distributions will be shared by both Units as per the Dr NTR Vaidya Seva guidelines duly following the procedure.

## CATHLAB MACHINE & ASSOCIATED SYSTEMS SPECIFICATIONS

| <b>S.<br/>No</b> | <b>Generalised Technical Specifications of Cathlab</b>  |
|------------------|---|
| <b>1</b>         | Clinically validated QCA online in the exam room. It should be possible to do QCA from table side with touch screen/Keypad control.   |
| <b>2</b>         | The C-Arm movements should be multi directional rapid, motorized and collision free giving easy access to the patient from all sides.   |
| <b>3</b>         | C-Arm should have both right and left positioning capabilities and should be capable of doing head to foot coverage with/without patient repositioning.   |
| <b>4</b>         | C-Arm Rotation in head-end position: 90° LAO & 90 RAO or more @ 25 degree per second  |
| <b>5</b>         | C-Arm Angulation: In head-end position 45° cranial 45° caudal at rate of 15 degree/sec  |
| <b>6</b>         | System should have facility to do rotational Angiography where in gantry can automatically rotate 90 degrees or more while doing parallel acquisition. Rotational speed should be minimum 40 degrees or more/sec. |
| <b>7</b>         | C-Am should have parking facility without hindrance to the patients   |
| <b>8</b>         | Gantry should be either Ceiling Suspended or Floor Mounted  |
| <b>9</b>         | Gantry should be able to position on all three sided fully motorized (head end, right and left) 0, +90, -90 degrees for supporting the peripheral examinations  |
| <b>10</b>        | Full configuration, positioning range, speed, weight of the c-arm with/without tube/ detector assembly should be clearly mentioned in the offer.  |
| <b>Table:</b>    |   |
| <b>11</b>        | The table should have longitudinal, horizontal and vertical travel.   |
| <b>12</b>        | Table should allow head to be coverage of adult patients with/without repositioning.  |
| <b>13</b>        | Floor -mounted patient table for all angiographic examinations and interventions  |
| <b>14</b>        | Large unobstructed cantilevered table top and wide range of rotations enables access to patient from all sides and easy transfer and positioning.   |
| <b>15</b>        | Should have table control module for operation of all table functions with Touch screen/Keypad.   |

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| <b>16</b> | Should have extendable arm rest both sides and elbow. guard, motorized up/down, free floating 4way table top, at least radiation attenuation, at least 200 kg + at least 50 kgs of additional weight for resuscitation in the metal free overhang area without having to retract the table back on its base. |
| <b>17</b> | Should be provided with following accessories with table and mattress:   |
| <b>18</b> | Accessory clamps   |
| <b>19</b> | Catheterization arm support  |
| <b>20</b> | Drip stand 14cm or more  |
| <b>21</b> | Foot support   |
| <b>22</b> | Head end holder  |
| <b>23</b> | IV set holder  |
| <b>24</b> | Table tilt of $\pm 15^\circ$ is required.  |
|           | <b>Flat Panel Detector:</b>  |
| <b>25</b> | The panel size should be at least diagonal size between 20 cm - 31 cm.   |
| <b>26</b> | Flat Detector of latest generation, digital system with acquisition and processing in 1024 X 1024 at 30 fps with 14 bits or more digitization with high details visibility   |
| <b>27</b> | Should have at least 3 or more formats of zooms  |
| <b>28</b> | DQE of the entire detector not less than 75%.  |
| <b>29</b> | Min Pixel pitch of at least 200 Microns, lower preferred for better resolution   |
|           | <b>Generators:</b>   |
| <b>30</b> | Generator should be high frequency (100KW) microprocessor controlled for constant output for radiography and fluoroscopy.  |
| <b>31</b> | Radiography KVP range should be between 60 -120KV.   |
| <b>34</b> | Generator should have automatic exposure control device.   |
| <b>35</b> | X-ray generator should be able to support pulsed fluoroscopy high contrast fluoroscopy and normal fluoroscopy as standard  |
| <b>36</b> | Generator should have tube overload protection.  |
|           | <b>X-ray Tubes</b>   |
| <b>37</b> | Noise-free, oil / water cooled, rotating anode x-ray tube with faster cooling should be provided.  |

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| <b>38</b> | Anode Heat Storage Capacity of at least 3.3 MHU or more while ensuring high quality and prevent dysfunction during procedure.   |
| <b>39</b> | Cooling rate or heat dissipation in kW should be at least 2500W: Highest preferred  |
| <b>40</b> | The system should have integrated computer controlled preferably automatic x-ray beam filtering with copper filters of various sizes from 0.2mm to 0.3mm to reduce soft radiations for fluoroscopy and acquisitions mode                        |
| <b>41</b> | X-ray tube should have pulsed fluoroscopy with primary switching or secondary grid switching.   |
| <b>42</b> | System should be capable of delivering minimum 2500W continuous fluoro power or above   |
| <b>43</b> | System should have automatic dose correction  |
| <b>44</b> | Fluoro store should be available  |
| <b>45</b> | Necessary applications to provide the capacity to increase the mA to peak and decrease the pulse width to low to reduce the blurring of catheter during heart movement in PCI procedures.   |
| <b>46</b> | The system should be provided with latest dose saving feature.  |
|           | <b>Image Processing &amp; storage:</b>  |
| <b>47</b> | At least 100,000 images on line in 1024 X 1024 matrix with immediate replay to be available in the main system hard disk.   |
| <b>48</b> | Images can be acquired upto 30 fps images both in fluro and cine acquisitions.  |
| <b>49</b> | Pulsed fluoroscopy should be available at or above frame rates.   |
| <b>50</b> | Advanced image processing technique for   |
| <b>51</b> | a) Real Time Edge Enhancement   |
| <b>52</b> | b) Real Time Harmonization  |
| <b>53</b> | c) Real Time Noise reduction and Dose Correction Algorithms   |
| <b>54</b> | All above techniques must be applied real time in fluro as well as acquisition.   |
| <b>55</b> | streamline your workflow. These applications can include all interventional tools allowing interventional team members to operate all relevant applications from the sterile environment during procedure including the hemodynamic operations. |
| <b>56</b> | Clinically validated QCA online in the exam room. It should be possible to do QCA from table side with touch screen/Keypad control.   |
| <b>57</b> | It should be also possible to do scientific QCA in the console room.  |
| <b>58</b> | System should be capable of virtual collimation of the shutters and wedges in the last image to reduce the x - ray dose.  |

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| <b>59</b> | System should be capable of measuring and displaying patient dose. System should calculate estimated local accumulated dose during procedure throughout the exam as well as the current projection of the beam. System should produce DICOM structured dose report and export dose and related parameters to CD along with DICOM images.  |
| <b>60</b> | System should be capable of storage and display of dynamic fluro and Roadmap  |
| <b>61</b> | DSA and real time DSA should be available at selectable frame speeds.   |
| <b>62</b> | Roadmap (subtracted fluoroscopy) based on fluoroscopy contrast image or based on DSA contrast filled frame image as mask image (both should be provided).   |
| <b>63</b> | System should be capable for printing /sending DICOM images on to a laser printer paper.  |
| <b>64</b> | Better Stent Viewing hardware and software to significantly improve localized stent visibility in addition to any inbuilt software for stent visibility improvement. System should be capable of doing fusion of stent and contrast filled image (with different grey values) fading in and out together for optimized simultaneous visualization. These images should be possible to export it into CD for further research purpose.                           |
| <b>65</b> | There should be a separate workstation with 19" or more TFT monitor for data entry to be supplied in control room be sup for storing and reviewing the angio images transferred from main system in background mode. At least 500 patient images should be possible to store in the workstation hard disk. If bi directional image transfer is offered that is taken as added advantage. Otherwise supply the main system memory to 80,000 images in 1K matrix. |
| <b>66</b> | CD Recording and Archival should be available with main system or with workstation.   |
| <b>67</b> | Review of DICOM CD's. CD's to have review software embedded for instant review in any PC  |
| <b>68</b> | System should have ability to record DSA runs on the CD and the embedded viewer should support review of these DSA runs in other PCs.   |
| <b>69</b> | Display of all parameters from multi Parameter monitor on single screen 55 inch single monitor or 4 Nos. of 19 inch or more monitors in exam room.  |
| <b>70</b> | System should have an auto image transfer to PACS or workstation facility in background mode.   |

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|           | <b>Monitors:</b>  |
| <b>74</b> | In Examination room: At least 4 images with one large display LCD monitor 55 inches or 4 Nos. of at least 19 inch or more LCD/TFT Monitors for live roadmap images with monitor suspension movement across either side of the patient table as well as head/foot end.                   |
| <b>75</b> | 2 D Image settings can be done  |
| <b>76</b> | In control room: A separate integrated Data Monitor for Scheduling, Preparation, Acquisition, Review, Report Archive should be available as well as standard. Live/Ref Monitor, for Display for Special Applications like Stent Visualization & Work station (Total 4 monitors or more) |
| <b>77</b> | Hemodynamic Recorder  |
| <b>78</b> | Hemodynamic system.   |
| <b>79</b> | The following features should be available in the recorder  |
| <b>80</b> | 3-5 Lead ECG Amplifier.   |
| <b>81</b> | At least 2 pressures with floating inputs, NIBP, SpO2, 12 lead Surface ECG, temperature and Respiration measurements.   |
| <b>82</b> | Patient cable set containing 10 Lead Trunk Cable, 5 Lead Limb Set, 5 Lead Chest set. Spo2 Adaptor, Reusable Spo2 sensor, NIBP hose, with Cuff Kit, Cardiac output cable External temperature probe to be provided   |
| <b>83</b> | Invasive BP monitoring Cable and Reusable Transducers to be supplied (3 nos)  |
|           | <b>Accessories</b>  |
| <b>84</b> | Suitable Online UPS with at least 30 minutes backup for complete system.  |
| <b>85</b> | Lead Glass 100 x 120 cm. as per international radiation protection standard   |
| <b>86</b> | A ceiling suspended focus lamp.   |
| <b>87</b> | A remote intercom facility between examination room and console room.   |
| <b>88</b> | Lead protection accessories (Good quality wrap around light weight Lead aprons - 10 nos, thyroid shields - 10 nos, Lead googles - 10 nos, Head cap - 10 nos.  |
| <b>89</b> | Upper and Lower body radiation Shields.   |
| <b>90</b> | Doctors, Nurses and operators training at site by specialist from supplier.   |
| <b>91</b> | System should be US - FDA /CE/BISs approved.  |
| <b>92</b> | System should confirm to standards for electrical safety IEC-60601 / ISO-13485  |

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| <b>93</b>                               | Should comply with AERB Guidelines.  |
| <b>94</b>                               | <b>Warranty:</b> Complete Warranty for 3 year from the date of completion of installation and first function day & CAMC from 4th to 10th year including all Spare parts.   |
| <b>95</b>                               | The chosen supplier would be asked to undertake a turnkey project wherein necessary work at the site (Important)   |
| <b>96</b>                               | Including Civil modifications, false ceiling, provision of proper earthing, finishing works in the cath lab room, control room and washing area corridors etc.   |
| <b>97</b>                               | Air conditioning- Appropriate air- containing of adequate rating for the cathlab, equipment room, control panel room and UPS room would be provided by the supplier and maintained throughout the warranty period and CAMC period.   |
| <b>98</b>                               | Supplier Should also prepare and install the scrub area with an automatic sink (double) catheter washing area.   |
| <b>99</b>                               | Supplier Should provide the necessary furniture like tables, chairs, cupboards, computers, catheter hang wall mounts etc- 04 nos   |
| <b>100</b>                              | The networking in the cath lab in part of installation.  |
| <b>101</b>                              | Radiation shielding of walls, doors etc. as per AERB norms.  |
| <b>102</b>                              | Other structural work necessary for installation,  |
| <b>103</b>                              | Proper shielding to minimize radiation as per AERB and BARC guidelines   |
| <b>SCOPE OF TURNKEY WORKS (CATHLAB)</b> |  |
| <b>104</b>                              | Turnkey works include all Civil modifications, Electrical, Air Conditioning and other related works at the entire site of Cathlab installation including Gantry room, Console, Reporting room etc. The turnkey works should fully comply with radiation safety guidelines and requirements of AERB, Mumbai, India. Layout approval and all other formalities with regard to AERB for installation of radiation related equipment have to be fulfilled by the vendor. |
| <b>105</b>                              | The proposed Cathlab Installation area is 1200 sq.ft comprises of the following rooms.   |
| <b>106</b>                              | · Cath lab Examination Room  |
| <b>107</b>                              | · Console room   |
| <b>108</b>                              | · Technical and UPS room   |
| <b>109</b>                              | · Patient Preparation and Change Room  |
| <b>110</b>                              | · Catheter Wash and Scrub  |
| <b>111</b>                              | · Cath lab lobby   |

|            |  |
|------------|--|
| <b>112</b> | · Reporting Room   |
| <b>113</b> | <b>a. Civil Works:</b> Necessary Civil works like Platform, Pedestals, etc., if any, required shall be provided. Proper lead protection for console and Cathlab Procedure room to be provided.   |
| <b>114</b> | <b>b. Flooring:</b> Shall provide and lay Vinyl flooring of 2 mm thick, manufactured by reputed standard manufacturers as per BS 2050-1978. Colour as per user department requirement.   |
| <b>115</b> | <b>c. False Ceiling:</b> Shall provide and fix false ceiling of Luxalon make (84 R) with necessary fixing arrangements as per manufacturers specifications. Colour as per user department requirement  |
| <b>116</b> | <b>d. Walls:</b> Walls up to ceiling shall be provided with vitrified tiles 60cm x 60cm. Color as per user department requirement.   |
| <b>117</b> | <b>e. Electrical:</b> The user department will provide main incoming power at one point near the Cathlab Equipment Room. The supplier shall supply and install the main incoming switch fuse unit from this point, separate lighting and power distribution boards and lay distribution lines required for all items installed with the Cathlab and electrical lighting for the main equipment and Console room, Patient waiting room, Change room, etc. |
| <b>118</b> | f. The Supplier shall also quote separately the cost / R.M. for laying Electrical cable from the main supply point of the hospital panel board to Cathlab incoming power point.  |
| <b>119</b> | <b>g. Plumbing: Required Plumbing work shall be provided.</b>  |
|            | <b>h. Furniture:</b>   |
| <b>121</b> | Storage Cabinets: 4 Nos ( 4-Feet X 6-Feet ) to be provided in Cathlab Room, Console Room, Equipment Room etc.  |
| <b>122</b> | Working Tables: 3 Nos ( 3-Feet X 5-Feet ) to be provided in Console Room and Reporting Room.   |
| <b>123</b> | Chairs : Ergonomic Chairs 4 Nos ( Featherlight or equivalent)  |
| <b>124</b> | Scrub : Manual Operated scrub with two taps – 1 No   |
| <b>125</b> | i .Air Conditioning: Central Air Conditioning with Ductable AC Units of 11 Tr X 2 Units ( 22 Tr) Brand should be mentioned with necessary ducting and temperature control to maintain the required temperature in the Cathlab installation area  |
| <b>126</b> | j. Earth pits : Earth pits should be provided for protective earthing of the equipment. Supplying & installation of Chemical earthing / Copper Plate earthing complete in all respects with charcoal, salt, watering pipe, funnel, CI cover for chamber  |

| <b>ACCESSORIES / ADDITIONAL REQUIREMENTS TO BE PROVIDED</b> |   |
|---|---|
| <b>127</b>  | <ol style="list-style-type: none"> <li>1. Pressure Injector / Power Injector.</li> <li>2. Biphasic Defibrillator</li> <li>3. Portable Echo Machine</li> <li>4. ACT Machine</li> <li>5. Radiation shielding of walls, Doors as per AERB Norms.</li> <li>6. Table 200kgs + additional 100kgs weight for resuscitation.</li> </ol> |