

Re-Tender

For

Multidetector CT scanner

At

All India Institute of Medical Sciences, Jodhpur

NIT Issue Date : **March 01, 2014.**
NIT No. : **Admin/General/247/2013-AIIMS.JDH**
Last Date of Submission : **March 21, 2014 at 03:00 PM**
Pre Bid Meeting : **March 10, 2014 at 03:00 PM**



All India Institute of Medical Sciences, Jodhpur
Basni Phase - II, Jodhpur – 342005, Rajasthan
Telefax: 0291- 2012978, email: aoadmin@aiimsjodhpur.edu.in
www.aiimsjodhpur.edu.in

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute being established by an Act of Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders for supply & installation of the following items at the institute. You are requested to quote your best offer along with the complete details of specifications, terms & conditions.

No	Item Description	Quantity	EMD (Rs.)
1.	Multidetector CT scanner	1	10,00,000

Quotation should be sealed and super-scribed with tender number and address to:

“Administrative Officer
All India Institute of Medical Sciences, Jodhpur
Basni, Phase-II
Jodhpur-342005, Rajasthan”.

The sealed quotations should reach the Institute, latest by 21st March, 2014 at 03:00 PM and it will be opened on same day at 04:00 PM in the Conference Hall, Academic Block, AIIMS Jodhpur in the presence of the bidder(s) or their authorized representative(s), who will present at the scheduled date and time.

Terms & Conditions:

- 1. Preparation and Submission of Tender:** The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers “**Technical Bid for Tender for Supply of Multidetector CT scanner**” and “**Financial Bid for Tender for Supply of Multidetector CT scanner** “. Both Sealed Envelopes should be kept in a main/ bigger envelope super-scribed as “**Tender for Supply of Multidetector CT scanner**”
- 2. Earnest Money Deposit:** The bidder shall be required to submit refundable amount as Earnest Money Deposit (EMD) of Rs. 10,00,000 (Rs. Ten Lakhs only) and a non-refundable tender fee for an amount of 1,000/- (Rupees One Thousand only) for each NIT by way of demand drafts only as mentioned in Annexure ‘A’. The demand drafts shall be drawn in favour of “**All India Institute of Medical Sciences, Jodhpur**”. The demand drafts for earnest money deposit must be enclosed in the envelope containing the technical bid. The EMD of the successful bidder shall be returned after the successful completion of contract/ order and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD will be rejected. The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to submit the EMD (copy of registration must be provide along with).
- 3. Tender Fee:** Tender fee will be Non-refundable amount of Rupees One thousand only (Rs. 1000/-) on each item.
- 4. Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.
- 5. "PRE -BID Meeting" with the intending bidders shall be held on 10th March, 2014 from 03:00 P.M. onwards at AIIMS, Jodhpur.**

6. Equipment should be USFDA and European CE approved / certified.

7. In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

8. Delivery and Installation: The items shall be delivered within 60 days of issue of supply order at AIIMS, Jodhpur. Satisfactory installation / commissioning and handover of the items will be completed within two weeks from the date of receipt of the goods at the AIIMS, Jodhpur premises. The successful tenderer will also provide required training for supplied items at AIIMS-Jodhpur.

All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 2% per week of the total order value shall be levied subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied items at AIIMS Jodhpur. The goods should be manufactured after adoption of latest technology

If at any time during the currency of the contract, the supplier encounters conditions hindering timely of the goods and performance of services, the supplier shall promptly inform the AIIMS, Jodhpur for extension of the delivery schedule accordingly. On receiving the supplier's communication, the AIMS, Jodhpur shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

In the case of package supply where the delayed portion of supply materially hampers installation and commissioning of the systems, liquidated damages charges shall be levied as above on the total value of the concerned package of the purchase order. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.

9. Performance Security: The supplier shall require to submit the performance security after receipt of supply order in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Scheduled Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 60 day beyond completion of all the contractual obligation, including CMC period.

10. Incidental Services: The supplier shall be required to perform the following services:-

- a. Installation & Commissioning, Supervision and Demonstration of the goods.
- b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- c. On Site training to Doctors/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment to the satisfaction of the user department.
- d. Supplying required number of operation & maintenance manual for the goods.
- e. To provide non-locked open software and standard interface inter-operability conditions for networked equipment's in hospital management information system, wherever applicable.

- 11. Accessories & Consumables:** The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Financial Bid.
- 12. After Sales Service:** After sales service centre should be available on 24 (hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24 hrs to ensure an uptime of minimum 95%, wherever applicable, failing which the necessary penalty measures shall be enforced.
- 13. Inspection:**
- a. AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the Purchaser.
 - b. AIIMS, Jodhpur right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by AIIMS, Jodhpur prior to the goods shipment.
 - c. The Director, AIIMS Jodhpur shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
 - d. No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.
- 14. Documents:**
- a. All pages of the Tender should be numbered and indexed.
 - b. The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the purchaser in the tender documents. For this purpose the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.
 - c. The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last one year.
- 15. Insurance:** - The supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. If the equipment's is not commissioned and handed over to AIIMS, Jodhpur within specified period, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the AIIMS, Jodhpur.
- 16. Tender Currencies:**
- a. The bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees. Further, imported goods to be imported and supplied by the bidder are also required to be quoted in Indian Rupees.
 - b. For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any, required with the goods, the same shall be quoted in Indian Rupees only, if such services are to be performed /undertaken in India.
 - c. Tenders, where prices are quoted in any other way shall be treated as non -responsive and rejected.
- 17. Fall Clause:** - The tenderer give certificate that item is being supplied at lowest rates.

18. Tender Prices: While filling up the columns of the Financial Bid, the following aspects should be noted for compliance:

For domestic goods or goods of foreign origin located within India, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- a. The price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/ VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc.;
- b. Any sales tax or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
- c. Charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Financial Bid;
- d. The price of Incidental Services, as mentioned in List of Requirements and Financial Bid;
- e. The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- f. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

For goods offered from abroad, the prices in the corresponding Financial Bid shall be entered separately in the following manner:

- a. The price of goods quoted FOB port of shipment, as indicated in the List of Requirements and Financial Bid;
- b. The price of goods quoted CIF port of entry in India as indicated in the List of Requirements and Financial Bid;
- c. The price of goods quoted for delivery at AIIMS, Jodhpur as indicated in the List of Requirements, Financial Bid and Consignee List;
- d. Wherever applicable, the amount of custom duty with CDEC applicable on CIF value on the goods to be imported;
- e. The charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to AIIMS, Jodhpur, as specified in the List of Requirements and Financial Bid;
- f. The charges for Incidental Services, as in the List of Requirements and Financial Bid;
- g. The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- h. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

Additional information and instruction on Duties and Taxes: If the Bidder desires to ask for excise duty, sales tax/CST / VAT/ CENVAT, Custom Duty, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

Excise Duty:

- a. If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices

quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.

- b. If a Bidder chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the Bidder must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.
- c. Subject to sub clauses (i) & (ii) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

Sales Tax: - If a bidder asks for sales tax/CST / VAT/CENVAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The CST / VAT/CENVAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax/ CST / VAT/CENVAT, Service Tax and Works Contract Tax and is payable as per the terms of the contract.

Octroi Duty and Local Duties & Taxes:- Normally, goods to be supplied to Government departments against Government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government department. Keeping this in view, the supplier shall ensure that the goods to be supplied by the supplier against the contract placed by the AIIMS, Jodhpur are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the AIIMS, Jodhpur. However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the AIIMS, Jodhpur to enable the AIIMS, Jodhpur reimburse the supplier and take other necessary action in the matter.

Customs Duty: In respect of imported goods offered from abroad, the bidder shall specify the rate as well as the total amount of customs duty payable with Custom Duty Exemption Certificate, if applicable, on the quoted goods in the Financial Bid. The bidder shall also indicate the corresponding Indian Customs Tariff Number applicable for the goods.

- a. For transportation of imported goods offered from abroad, relevant instructions as incorporated shall be followed.
- b. For insurance of goods to be supplied, relevant instructions as provided shall be followed.
- c. Unless otherwise specifically indicated in this NIT document, the terms FCA, FOB, FAS, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.
- d. The need for indication of all such price components by the bidders, as required in this clause is for the purpose of comparison of the tenders by the purchaser and will no way restrict the AIIMS, Jodhpur right to award the contract on the selected bidder on any of the terms offered.

19. Indian Agent:- If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, shall also furnish the following information:

- a. The complete name and address of the Indian Agent and its Permanent Account Number as allotted by the Indian Income Tax authority.
- b. The details of the services to be rendered by the agent for the subject requirement.
- c. Details of Service outlets in India, nearest to the AIIMS, Jodhpur to render services during Warranty and CMC period.

20. Firm Price

- a. Unless otherwise specified in the NIT, prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
- b. However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated will apply.

21. Conversion of tender currencies to Indian Rupees:- In case the bid document permits the bidders to quote their prices in different currencies, all such quoted prices of the responsive bidders will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the closing exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Last Date of Submission of Tender'.

22. Payment Terms: Payment for goods supplied from India:

- a. 90% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the inspection report.
- b. Balance 10% of the order value shall be released after the submission of the performance security.

Payment for Imported goods: For imported goods payment shall be made in the following manner:

a) **On shipment:** 75 % payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents:

- i. Four copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- ii. Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
- iii. Insurance Certificate;
- iv. Certificate of origin by the chamber of commerce of the concerned country;
- v. Certificate of country of origin;
- vi. Manufacturer's / Supplier's warranty certificate;
- vii. Manufacturer's own factory inspection report.

b) **On Acceptance:** 15 % payment would be made after satisfactory installation & commissioning on issuance of Inspection certificate by the AIIMS, Jodhpur.

c) Balance 10% will be paid on submission of Performance Bank Guarantee issued by any Nationalised Bank/ Scheduled Bank.

Note:- *The supplier shall not claim any interest or any other payment under the contract.*

23. Custom Clearance: For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional

rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid. The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. Transportation of goods up to AIIMS, Jodhpur and its successful installation and commissioning is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier. NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC.

24. Guarantee / Warrantee Period: The Tenderers must quote for 5 years comprehensive warranty (Including all Spares, Accessories and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 5 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taking into account on basic price and post warranty CMC.

25. Uptime guarantee: The firm should provide uptime guarantee of 95%

26. Downtime penalty Clause

- a. During the comprehensive warranty period, the guarantee uptime of 95% of 365 days will be ensured. In case the down time exceeds the 5% limit penalty of extension of guaranty period by two days for each additional day of down time will be enforced. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Institute. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.
- b. The principals or their authorized service providers are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

27. Arbitration: If any difference arises concerning this agreement, its interpretation on payment to the made there-under, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, either of the parties may make a request to the other party for submission of the dispute for decision by an Arbitral Tribunal containing Sole Arbitrator to be appointed by the Secretary, Department of Legal Affairs. Such requests shall be accompanied with a panel of names of three persons to act as the sole arbitrator. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The provision of Arbitration and Conciliation Act, 1990 and the rule framed there under and in force shall be applicable to such proceedings.

- 28. Subletting of Work:** The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of AIIMS, Jodhpur, which will be at liberty to refuse if thinks fit. The tender is not transferable. Only one tender shall be submitted by one tenderer.
- 29. Breach of Terms and Conditions:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the security deposit shall also stands forfeited.
- 30. Insolvency etc:** In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice.
- 31. Force Majeure:** If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.
- Further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may, at least option to terminate the contract.
- 32.** Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.
- 33.** The quantity of item given in the tender is tentative, which may be increased or decreased as per the institute's requirement.
- 34.** Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.
- 35.** After due evaluation of the bid(s) Institute will award the contract to the lowest evaluated responsive tenderer
- 36.** Conditional bid will be treated as unresponsive and it may be rejected.

37. The Institute reserves the right to accept in part or in full or reject any or more tender(s) without assigning any reasons or cancel the tendering process and reject all tender(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).

38. Applicable Law:

- The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
- Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Jodhpur, Rajasthan, India only.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier.

Annexure-I**Technical Specification**

S.No	Item	Specifications	Qty.
01.	Multidetector CT scanner	<p>Competitive bids are invited for a State-of-art, 64 row, 128 slice CT scanner for the department of Radiology at AIIMS, Jodhpur.</p> <p>All capabilities detailed in specification should be integral part of quotation and none of the essential requirement should be quoted as optional. If the supplier has any additional advanced applications or technology, the same have to be quoted separately. Any item not covered under standard set should be quoted separately.</p> <ul style="list-style-type: none"> • Point wise technical compliance report supported by the technical catalogue /specifications must be submitted in all truthfulness and shall be the essence of the technical bid. Any reply without reference will not be considered. • Any specification without supporting documents may not be considered by the technical evaluation committee. • Any information not available in the brochure/ datasheet should be verified by original equipment manufacturer on its letterhead and only then the same will be accepted by technical committee. <p>1.X-ray Generator: High frequency, with power output of 100 KW or more to support continuous and sustained operation.</p> <p>2.Single Source Dual Energy capability: The system must have dual energy capability and the following applications should be available.</p> <ol style="list-style-type: none"> a) Differentiation of brain hemorrhage from contrast enhancement b) Mono-energetic imaging for beam hardening artifact elimination, Contrast augmentation & tissue visualization with Mono-energetic images. c) Characterization of Renal Calculi & differentiation of Uric Acid and Calcified Stones. d) Characterization of Gout - Application for visualizing deposits of uric acid crystals. <p>3. X-ray Tube:</p>	1

		<p>a) Tube Current: minimum range 30-750mA.</p> <p>b) The system should have mechanism for real time mA modulation for both Z-axis and angular dose modulation.</p> <p>c) Tube Voltage: Minimum range 80-140 kV.</p> <p>d) Should have either anode heat storage capacity of 7 MHU (or more) or alternatively the tube should be with a very high heat dissipation rate (Direct Anode Cooling Technology or equivalent, facts to be supported by Datasheet).</p> <p>e) The X ray tube should have a cooling rate of 1000 KHU per min or more.</p> <p>f) Filter and beam limiting devices: The Al equivalent (at least 5mm) and other specific features to reduce radiation dose to the patient must be specified.</p> <p>g) Specify focal spot size and number according to IEC recommendations.</p> <p>4. Gantry:</p> <p>a) Aperture: 70 cm or more.</p> <p>b) Tilt: ± 30 degree.</p> <p>c) Entire range of rotation times for full 360 degree should be 0.35 seconds or less for excellent Cardiac Acquisition & Whole Body Applications.</p> <p>d) Remote controlled tilt from operator table should be possible.</p> <p>e) FOV should be at least 50 cm.</p> <p>f) Integrated Display Panel - Gantry front showing current scan parameters such as kV, mA, ECG trace etc. for easy set up for ECG gated studies.</p> <p>5. Patient Table:</p> <p>a) Should be able to bear 200 kg or more with 1 mm positioning accuracy.</p> <p>b) Table speed: Horizontal - Up to 100mm or more/sec.</p> <p>c) Vertical table travel: range should be specified.</p> <p>d) Scan range: should have at least 150 cm metal free scan able range.</p> <p>e) Facility of positioning aid for horizontal iso-centric positioning of the patient.</p> <p>6. Spiral CT capabilities:</p> <p>a) Minimum slice thickness should be 0.6 mm or less and maximum 10 mm or more.</p> <p>b) Pitch factor (volume pitch): Variable between 0.5 to 1.5 or more and should be user selectable. Specify all possible pitch selections.</p> <p>c) Gapless spiral length: 150cm or more.</p> <p>d) Single continuous 'spiral-on time' should be</p>	
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		<p>minimum 60 seconds or more.</p> <p>e) Bolus triggered spiral acquisition should be possible.</p> <p>f) True isotropic volume acquisition and sub-millimeter resolution of at-least 0.4 mm for all body applications.</p> <p>7. Topogram:-</p> <p>a) Length and width: specify range.</p> <p>b) Scan times: specify range</p> <p>c) Should be possible to interrupt acquisition manually once the desired anatomy is obtained.</p> <p>8. Data acquisition system:-</p> <p>a) System should have minimum 64 rows of detector capable of generating 128 slices through latest flying focal spot technology or equivalent (mandatory requirement).</p> <p>b) Mention minimum acquired slice thickness in Axial & Helical mode after reconstruction.</p> <p>c) Acquisition of cardiac images with ECG gating (prospective & retrospective) should be possible</p> <p>d) Step and shoot technique during cardiac scanning for dose reduction, or a similar alternative technology should be available.</p> <p>9. Image Reconstruction:-</p> <p>a) Real time reconstruction speed: 20 images per second or more at 512 x 512 matrix.</p> <p>b) Display matrix: 1024 x 1024 or more.</p> <p>c) Reconstructed slice thickness range should be less than one mm (<1) to 10mm.</p> <p>d) Specify scan field and reconstruction field.</p> <p>10. Workstations:-</p> <p>A client server architecture based solution (Intellispace Portal 6/ Dexu-AW server 2/ Syngo Via 30A etc.) with minimum concurrent 24,000 slices rendering capacity, with storage of minimum 1TB having following client hardware specifications-Workstation: Z820 or equivalent CPU, dual quad core processor, 16 GB RAM, 1TB hard drive, DVD Writing with clinical grade monitor of minimum 2 MP.</p> <p>A reputed Anti-Virus Solution for Server should be in place.</p> <p>The Server should be with minimum three user (Three Hardware's) facility</p> <p>The workstation should have following processing tools/software's Available as standard:-</p> <ul style="list-style-type: none"> • Multi planar reconstruction(MPR) • Minimum and Maximum intensity projection 	
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		<p>(Min IP & MIP).</p> <ul style="list-style-type: none"> • 3D Volume rendering. • 3D SSD (Shaded Surface Display). • Advance Vessel Analysis with plaque visualization. • Auto Bone Removal. • Volume measurement. • Lung Nodule analysis. • Liver lesion analysis. • Colonography. • Perfusion CT. • Image Fusion of CT, MR & PET Data • Neuro DSA. • Coronary tree analysis: automated 3D processing of coronary arteries, calcium scoring, stent analysis, LV analysis • Multi-modality automatic tumour tracking & Automatic measurements in RECIST, WHO, Volume & Choi criteria calculation. • Virtual endoscopy. <p>11. Image Evaluation Tools:-</p> <ol style="list-style-type: none"> a) Parallel evaluation of multiple ROI in circle, irregular and polygonal forms. b) Statistical evaluation for area/volume, S.D., Mean, Min/Max and histogram. c) Distance and angle measurement, freely selectable positioning of co-ordinate system, grid and image annotation. <p>12. Latest Iterative Reconstruction Technique:-</p> <ol style="list-style-type: none"> a) ASIR-V/ iDose4 Premium / SAFIRE to be quoted as standard. b) Model-based Iterative reconstruction technology VEO/ IMR/ ADMIRE for all imaging protocols including hardware and software. c) Low dose protocols for pediatric and infant scanning. <p>13. Patient Communication System:- An integrated intercom and automated patient instruction system (API) should be provided.</p> <p>14. Image Quality:-</p> <ol style="list-style-type: none"> a) Low contrast resolution: Low Contrast Detectability: The low contrast resolution for CATPHAN should be at least 5mm at 3 HU with 10 mm slice on 20 cm CATPHAN Phantom. b) High contrast spatial resolution should be not less than 20 lines pair per cm maximum at 0% MTF X-Y axis for FOV not less than 35cm. Specify the same at 10% MTF. 	
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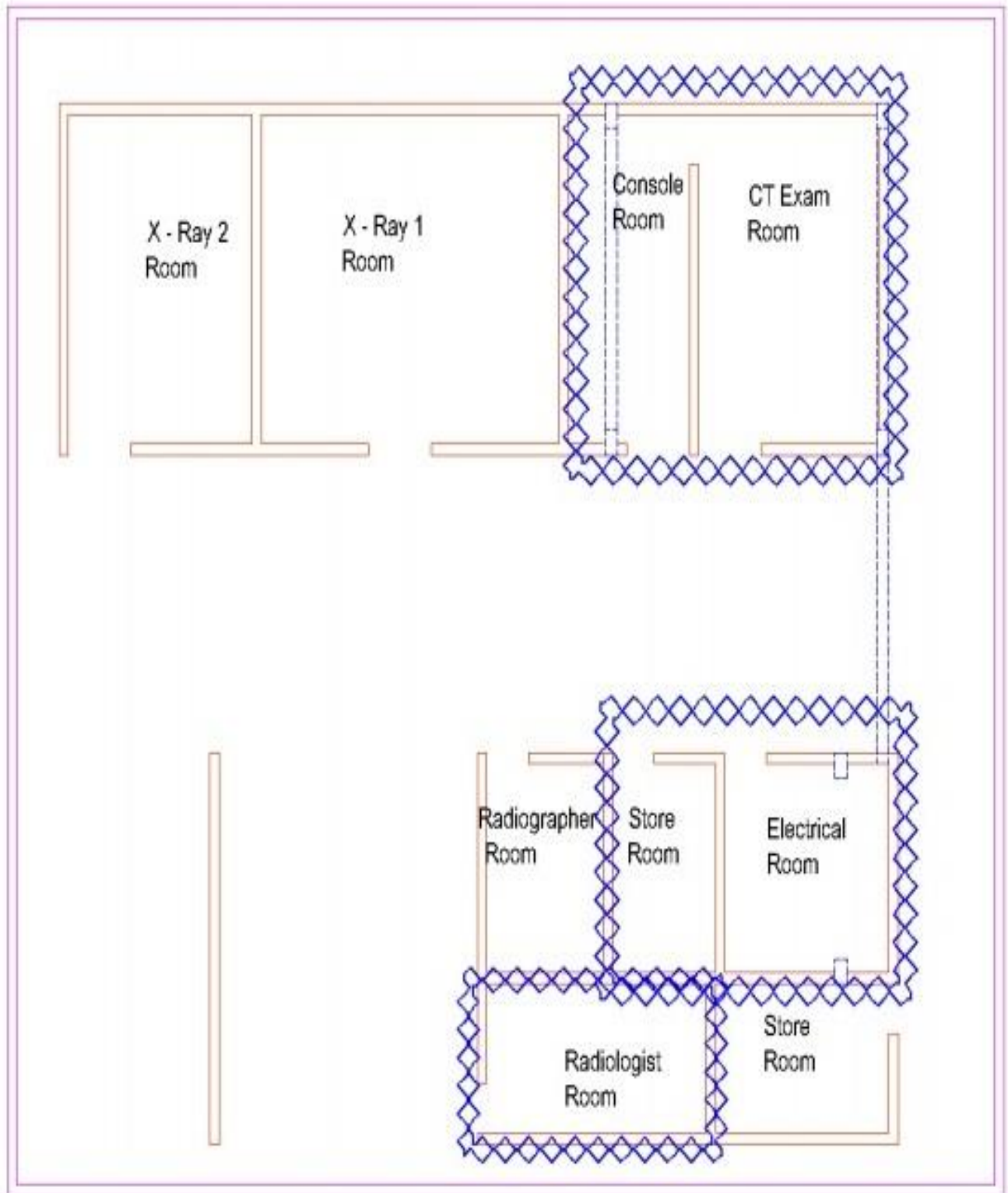
		<p>15. Image Documentation & Archival:-</p> <p>a) The CT should be DICOM 3.0 ready</p> <p>b) Filming parallel to other activities, including independent scanning, documentation and post-processing and configurable image text.</p> <p>16. Accessories to be provided:-</p> <p>a) Suitable Dual Head pressure injector with complete accessories & 200 sets (Each set having 2 syringes) , tubing and connector. Kindly quote the rate of syringes for future supply.</p> <p>b) UPS for the complete system. It should be possible to run system for at least 30 minutes.</p> <p>c) One set of standard patient positioning accessories and restraining devices.</p> <p>d) CD/ DVD writing facility with 100 compatible DVDs.</p> <p>e) One collapsible wheel chair with rubberized swivel wheels.</p> <p>f) Two LED based view boxes with adjustable illumination to view 3 films of 14" x 17" in each view box.</p> <p>g) One premium quality latest configuration film digitizer (scanner) with clinical optical density range of 0.05 to 4.0.</p> <p>h) Lead glass (2 mm thickness/as per the AERB guidelines for the equipment): 150 x 100 cm.</p> <p>i) Premium ultra-light lead aprons: 2.</p> <p>j) Thyroid collars: 2.</p> <p>k) Gonadal shields: 2 each for male and female pediatric patients (total 4).</p> <p>l) Lead apron hanger (for hanging two premium lead aprons): 1.</p> <p>m) A latest state of the art Radiofrequency ablation generator to be quoted optionally. It should have the following broad features.</p> <ol style="list-style-type: none"> i. It should have maximum power setting of at least 250 W. ii. Maximum frequency should not be less than 450 KHz. iii. Tissue ablation should be possible upto a distance of 7cm in one sitting in a spherical manner. iv. The temperature range should be from 15-125 °C with steps of 1 ° C. v. The system should have real-time temperature monitoring. vi. Generator should be able to monitor the output temperature of the ablated tissue at least at 5 points. System monitoring 	
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		<p>temperature in more than three points will be preferred.</p> <ul style="list-style-type: none"> vii. The power delivery system should be monitored in terms of “set power” and “delivered power”, for effective ablation. The delivery power accuracy should not exceed $\pm 10\%$ of the set power. viii. The system should have needle-track ablation facility. ix. The unit should have a resection mode with suitable bipolar adapter. x. The Resection device should be available in different lengths for open & Laparoscopic surgery. xi. The unit should operate at local temperature, humidity and environmental conditions throughout the year. xii. It should be light weight and portable. n) Two Light weight stainless steel stretchers with wheel locks. o) One anesthesia machine with one multi parameter monitor (having provision for ECG, SpO₂ and NIBP monitoring) to ensure smooth completion of cases under general anesthesia. p) One premium quality portable LCD projector with projection screen with the requisite accessories. <p>Item (m) in the above list is an optional item. Its price should be quoted separate from the price of CT scanner. This price would not be included for purpose of L1 evaluation.</p> <p>The system should have a wide installation base in Government/Private institutes of repute. Kindly mention the names of the same. Also company and model name of the unit offered should be clearly mentioned.</p> <p>17. Upgrading requirements:- A free, comprehensive software update (compatible with the existing platform) guarantee for at least 10 years must be provided.</p> <p>18. Turnkey:- Turnkey should include the Planning, Civil, Electrical, Air-conditioning, interior and furniture work for CT scan and reporting area. The following would be provided by the consignee</p> <ol style="list-style-type: none"> 1. Bare Walls 2. Power Supply - Till the room to be provided. However rates per meter of cabling and other accessories needs to be quoted as optional item in 	
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		<p>case this job is assigned to the bidder</p> <p>3. Payment to be made as per actual on pro-rata basis.</p> <p>Planning- Area for CT scan room, Console room, CT equipment room, patient preparation room (store room in the layout drawing) and Radiologist room are to be planned. Total area is approximately 1200 sq feet. Kindly refer to the layout drawing provided with the tender. Please note that radiographer room is not part of the turnkey.</p> <p>Civil -Modification of existing site is to be done as per plan approved by AIIMS Jodhpur and should be done with AERB requirements. Doors leading to CT examination room should be lead lined laminated doors with hard board wooden frames.</p> <p>Electrical-Consignee will provide the power cable till existing equipment room. Further distribution shell be done by vendor .Incase the existing power cable is not sufficient for equipment load then cable from LT panel to existing equipment room should be quoted on per mtr basis.</p> <p>Air conditioning-Sufficient ductable air/split conditioning should be provided with backup provision for CT scan room, Console room, Equipment room and Patient preparation room.</p> <p>Interior -Interior of floor, walls, false ceiling and lighting should be done matching with existing interiors of hospital. 8 feet x 4 feet luminous illusion ceiling light/ceiling mural to provide better visual comfort during scanning. The theme for the same would be decided in due course.</p> <p>Furniture-Following furniture should be provided. All wooden furniture should be laminated with mica and polished.</p> <ol style="list-style-type: none"> a. Workstation table 2no.s b. Console table:1 no. c. Instrument (medicine) trolley – No. 2 d. Swivel chairs with arm rest – No 6 e. Patient preparation table with storage space - No. 1 f. The gantry and console room to have wall mounted wooden cabinets for storage purpose <p>A complete site preparation plan will be required to be submitted along with its financial components in separate cover as a turnkey project. The plan should be</p>	
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		<p>comprising of detailed BOQ of each work i.e., civil/ electrical/ air conditioning. The vendor will be eligible to inspect the proposed site after obtaining permission. Care must be taken to address placement of the equipment and sitting.</p> <p>Requirements of power and air conditioning must be clearly specified in a separate section of the offer. Air-conditioning system should be of duct able/ split type of approved make to prevent any possibility of water leakage in the scanner area. Air conditioning system must be provided for the entire CT wing.</p>	
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Layout drawing (not to scale)



The area to be included in turnkey has been outlined by blue boundaries.

Annexure-II

TECHNICAL BID

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone & Mobile No.	
Name and address of service centre nearby Jodhpur.	
Whether the firm is a registered firm Yes/No (attached copy of certificate)	
PAN No. (enclose the attested copy of PAN Card)	
Service Tax No. (enclose the attested copy of Service Tax Certificate)	
VAT No. (enclose the attested copy of VAT Certificate)	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.	
Whether the Firm/Agency has signed each and every page of Tender/NIT	
Please provide full list of consumables.	
Any other information, if necessary	

Authorized signatory of the bidder with seal.

Annexure-III**Financial Bid****A) FINANCIAL BID FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA OR GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES**

1	2	3	4	5							6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at AIIMS-Jodhpur) basis (Rs.) = {4 x 5(g)}
				Ex - factory/ Ex-warehouse /Ex-showroom /Off-the shelf (a)	Excise Duty(if any) [%age & value] (b)	Sales Tax/ VAT(if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance, loading/ unloading and Incidental costs till AIIMS-Jodhpur (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur (f)	Unit Price (at AIIMS-Jodhpur) basis (g)= (a+b+c+d+e+f)	

Total Tender price in Rupees: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately.
3. The Bidder must quote price for "GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES" after having taken in to account, the provision of Custom Duty Exemption Certificate (CDEC) by the Purchaser, as per Customs Tariff Act.

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Tender: - Multidetector CT scanner

Financial Bid
B) FINANCIAL BID FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5				6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)				Total price on Destination + Insurance (local transportation and storage) = {4X 5 (d)}
				FOB price at port/ airport of Lading (a)	Carriage & Insurance (port of loading to port of entry) and other Incidental costs** (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the AIIMS-Jodhpur ** (c)	Unit Price on DDP AIIMS-Jodhpur + Extended Insurance (local transportation and storage) (d) = a+b+c	

** To be paid in Indian Currency (Rs.)

Total Tender price in foreign currency: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted.
3. The Bidder will be fully responsible for the safe arrival of the goods AIIMS-Jodhpur in good condition as per terms of DDP as per INCOTERMS, if applicable.

Indian Agent:

Indian Agency Commission - ___% of FOB

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

Financial Bid

C) FINANCIAL BID FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD:

1. S.No.	2. DESCRIPTION OF GOODS	3. QUANTITY. (Nos.)	4. Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					5. Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1 st	2 nd	3 rd	4 th	5 th	
			a	b	c	d	e	

* After completion of Warranty period.

Service Tax: Whether extra or inclusive, if extra, indicates the rate ____.

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted as per NIT conditions on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. All software updates should be provided free of cost during CMC period.
6. The stipulations in Technical Specification will supersede above provisions
7. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Date:

Place:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder: