



# All India Institute of Medical Sciences Jodhpur

Date: - 19/03/2014

## CORRIGENDUM

### Tender

### For

### Multidetector CT scanner

NIT Issue Date : March 01, 2014.  
NIT No. : Admin/General/247/2013-AIIMS.JDH  
Pre Bid Meeting held on : March 10, 2014 at 03:00 PM  
Last Date of Submission : March 21, 2014 at 03:00 PM  
**Revised Last date of Submission : April 18, 2014 at 03:00 PM**

#### List of Required Items:

S.No.	Item Description	EMD (Rs)	Qty	Delivery Period (in Days)
1.	Multidetector CT scanner	10,00,000	1	150

#### 1. Page No. 2, Terms & Conditions: Point No.2,

##### For

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.

##### Read

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 Rs. 1,000/- (Rupees One Thousand only) by way of demand drafts. The demand drafts shall be drawn in favour of "All India Institute of Medical Sciences, Jodhpur". **In case of Earnest Money Deposit, the bidder can submit it in the form of Demand Draft/ Banker Cheque/ Bank Guarantee from a commercial bank.**

## **2. Page No. 3, Delivery and Installation:**

### **For**

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.

### **Read**

The items shall be delivered within **150 days** of issue of supply order at AIIMS, Jodhpur. Satisfactory installation / commissioning and handover of the items will be completed within one month 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.

## **3. Page No. 3, Incidental Services, Point No. C:**

### **For**

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.

### **Read**

On Site Training to Doctors/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment for **a period of 30 working days after successful installation of the machine, as per direction of user department.**

## **4. Page No. 20, Annexure-II, TECHNICAL BID, Row No. 10.**

### **For**

Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.

### **Read**

Whether the firm has enclosed the **Bank Draft/ Banker's cheque / Bank Guarantee from a commercial bank of Earnest Money Deposit.**

## **5. Page No. 7, Terms & Conditions, Condition No. 22.**

### **For**

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 Nationalized Bank/ Scheduled Bank.

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

**Read**

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 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 Nationalized Bank/ Scheduled Bank.

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

**The following additional terms & conditions will be added:-**

**6. Turnkey:**

Turnkey is indicated in the technical specification of the respective items, wherever required. The Bidder shall examine the existing site where the equipment is to be installed, in consultation with HOD of concerned user department. Turnkey details of each equipment are given at the end of Technical Specification, if applicable. The Bidders to quote prices indicating break-up of prices of the Machine and Turnkey Job of each equipment. The Turnkey costs may be quoted in Indian Rupee and the same will also be added for Ranking Purpose. The warranty for Turnkey activities shall remain valid during warranty period of the machine and CMC period.

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 duties and taxes and no claim for the same will be entertained later.

**PRICE SCHEDULE FOR TURNKEY (to be submitted with Financial Bid)**

S. No.	BRIEF TURNKEY DESCRIPTION OF GOODS	Turnkey price

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

Note:-

- a. The cost of Turnkey may be quoted on lump sum along with taxes applicable on the date of Tender Opening. 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.
- b. Cost of Turnkey will be added for Ranking/Evaluation purpose.

Place:  
Name:

Date:  
Business Address:  
Signature of Bidder:  
Seal of the Bidder:

## 7. Comparison of Tenders

The comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) at AIIMS, Jodhpur. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation. **Net Present value (NPV) of the comprehensive annual maintenance charges (CMC) quoted for 5 years after the warranty period shall be added to the bid price for evaluation and will be calculated at a discounted rate of 10% per year.**

### **Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders**

Further, the purchaser's evaluation of a tender will include and take into account the following:

- i) In the case of goods manufactured in India or goods of foreign origin already located in India, sales tax & other similar taxes and excise duty & other similar duties, Service Tax, Works Contract Tax etc which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and
- ii) In the case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

**Administrative Officer  
AIIMS Jodhpur**

The following amendments are made in Annexure-I which are given below:

Technical Specifications

S. No.	Page number and point number as in existing tender	For	Read
1.	Page no. 11, point no. 1	<b>X-ray Generator:</b> High frequency, with power output of 100 KW or more to support continuous and sustained operation.	<b>X-ray Generator:</b> High frequency, with power output of 80 KW or more to support continuous and sustained operation.
2.	Page no 11, point no. 2	<b>Single Source Dual Energy capability:</b> The system must have dual energy capability and the following applications should be available. <ul style="list-style-type: none"> <li>a) Differentiation of brain hemorrhage from contrast enhancement</li> <li>b) Mono-energetic imaging for beam hardening artifact elimination, Contrast augmentation &amp; tissue visualization with Mono-energetic images.</li> <li>c) Characterization of Renal Calculi &amp; differentiation of Uric Acid and Calcified Stones.</li> <li>d) Characterization of Gout - Application for visualizing deposits of uric acid crystals.</li> </ul>	<b>Single Source Dual Energy capability(optional feature):</b> If the quoted system has dual energy capabilities then all the possible applications must be mentioned clearly and their price quoted separately as optional.
3.	Page no 12,point no.3a	Tube Current: minimum range 30-750mA.	Tube Current: minimum range 30-600mA.
4.	Page no 12, point no.4(c)	Entire range of rotation times for full 360 degree should be 0.35 seconds or less for excellent Cardiac Acquisition & Whole Body Applications.	Entire range of rotation times for full 360 degree should be 0.40 seconds or less for excellent Cardiac Acquisition & Whole Body Applications.
5.	Page no.16, point 16(o)	o) One anaesthesia machine with one multi parameter monitor (having provision for ECG, Spo2 and NIBP monitoring) to ensure smooth completion of cases under general anaesthesia.	o) One anaesthesia machine with one multi parameter monitor (having provision for ECG, Spo2 and NIBP monitoring) to ensure smooth completion of cases under general anaesthesia. <b><u>The technical features of anesthesia machine should be as under:</u></b> <ol style="list-style-type: none"> <li>1) Colour coded gas supply hoses for Oxygen &amp; N<sub>2</sub>O (pipeline)</li> <li>2) Two (2) tube rota meter and anti-static coated rota meter</li> <li>3) Oxygen pressure operated pneumatic N<sub>2</sub>O cut off system</li> <li>4) Audio alarm for Oxygen failure</li> </ol>

			<p>5) Lever operated anti-hypoxic device  6) Emergency Oxygen flush  7) Large antistatic stainless steel castor wheels  8) Two numbers of Oxygen outlet: one for ventilator &amp; other as auxillary outlet for humidifier  9) Provision to mount one selectatec type vaporisers  10) Provision to mount Oxygen &amp; N<sub>2</sub>O pin indexed cylinder with gauges</p> <p><b><u>Technical Specifications for Isoflurane Vaporiser</u></b></p> <p>1) Should be temperature &amp; flow compensated.  2) Should be selectatec type with Key filler  3) The Vaporizer design should be maintenance free, should not require periodic overhaul.</p> <p><b><u>Technical specifications for multiparameter monitor:</u></b></p> <p>1. The equipment should come with all standard accessories required to run all parameters, suitable for all patient categories, ie. infants, children and adolescents.  2. Digital display with parameters monitored: ECG, Heart rate (HR), respiratory rate (RR), Oxygen saturation (SpO<sub>2</sub>), Non Invasive Blood Pressure (NIBP).  3. The monitor should be upgradable to one (1) IBP monitoring.  4. The monitor should be HIS/HL7 compatible.  5. Medical grade, TFT Flat screen, slim size, at least 10 inch display.  6. Heart rate/ECG should be monitored using at least 3-lead selectable ECG system with built in arrhythmia monitoring in all leads, heart rate range: 30-300 beats per minute and in built ST segment analysis and arrhythmia detection facility.  7. Respiratory rate should be measurable by transthoracic impedance using the same ECG lead with respiratory rate range: 6 to 120 breaths per minute (bpm) (Accuracy <math>\pm</math> 2 bpm).</p>
6.	Page 14,point 12	<p><b>Latest Iterative Reconstruction Technique:-</b></p> <p>b) Model-based Iterative reconstruction technology</p>	<b>Deleted</b>

		VEO/ IMR/ ADMIRE for all imaging protocols including hardware and software.	
7.	Page 16,point 16	This point is an addendum	16(q)Patient monitor camera for patient visualization within the gantry from console room
8.	Page 16,point 18	<p><b>18. Turnkey:-</b> Turnkey should include the Planning, Civil, Electrical, Air-conditioning, interior and furniture work for CT scan and reporting area. <b>The following would be provided by the consignee</b></p> <ol style="list-style-type: none"> <li>1. Bare Walls</li> <li>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 case this job is assigned to the bidder</li> <li>3. Payment to be made as per actual on pro-rata basis.</li> <li>4.</li> </ol> <p><b>Planning-</b> 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><b>Civil</b> -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><b>Electrical</b>-Consignee will provide the power cable till existing equipment room. Further distribution shell be done by vendor .In case 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><b>Air conditioning</b>-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><b>Interior</b> -Interior of floor, walls, false ceiling and lighting should be</p>	<p><b>18. Turnkey:-</b> Turnkey should include the Planning, Civil, Electrical, Air-conditioning, interior and furniture work for CT scan and reporting area. <b>The following would be provided by the consignee</b></p> <ol style="list-style-type: none"> <li>1. Bare Walls</li> <li>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 case this job is assigned to the bidder</li> <li>3. Payment to be made as per actual on pro-rata basis.</li> <li>4.</li> </ol> <p><b>Planning-</b> 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 1100 sq feet(details of each room provided as under). Kindly refer to the layout drawing provided with the tender. Please note that radiographer room is not part of the turnkey.</p> <p><b>Civil</b> -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><b>Electrical</b>-Consignee will provide the power cable till existing equipment room. Further distribution shell be done by vendor .In case 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><b>Air conditioning</b>-Sufficient ductable air/split conditioning should be provided with backup provision for CT scan room, Console room, Equipment room , Patient preparation room and radiologist room(details as under)</p> <p><b>Interior</b> -Interior of floor, walls, false ceiling and lighting should be done matching with existing interiors of hospital (details provided herewith). A 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>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><b>Furniture</b>-Following furniture should be provided. All wooden furniture should be laminated with mica and polished.</p> <ol style="list-style-type: none"> <li>a. Workstation table 2no.s</li> <li>b. Console table:1 no.</li> <li>c. Instrument (medicine) trolley – No. 2</li> <li>d. Swivel chairs with arm rest – No 6</li> <li>e. Patient preparation table with storage space - No. 1</li> <li>f. The gantry and console room to have wall mounted wooden cabinets for storage purpose</li> </ol> <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 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. 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>	<p><b>Furniture</b>-Details for each room mentioned underneath</p> <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 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>
--	--	--



**Turnkey requirements (technical):**

<b>Area &amp; Schedule of Finished Work</b>										
S. No	Room's Name	L (m)	W (m)	Area (m <sup>2</sup> )	Flooring	Ceiling	Wall Finishing	A/C requirement	Furniture	Electricals
1	CT Gantry Room	4.35	6.56	28.536	600X600 mm Vitrified Tiles	600mmx 600 mm Metallic Panel(or Armstrong grid or equivalent )	300 x 450mm Ceramic Wall Tiles upto Ceiling height.	Existing Ductable A.C. + (02nos. X 2.0Tn. Hi-wall Split as Stand By.)	Godrej or equivalent Almirah = 02 Nos. (for Phantom Storage)	As per Room Requirement.
2	Console Room	2.92	6.56	19.155	600X600 mm Vitrified Tiles	600mmx 600 mm Metallic Panel(or Armstrong grid or equivalent )	300 x 450mm Ceramic Wall Tiles upto Ceiling height.	01 nos x 2.0Tr. Hi-Wall Split A/C	01 nos console Table, 06 nos Godrej or equivalent Medium back chair, wooden Counter - (6.50m x .60m wide), Overhead Rack. (6.50x.60x.40m)	As per Room Requirement.
3	UPS / Electrical Room	2.95	4.17	12.315	600X600 mm Vitrified Tiles	600mmx 600 mm Metallic Panel(or Armstrong grid or equivalent )	300 x 450mm Ceramic Wall Tiles upto Ceiling height.	02 nos x 2.0Tr. Hi-Wall Split A/C	NA	As per Room Requirement.
4	Patient Change / Store Room	2.5	4.17	10.425	600X600 mm Vitrified Tiles	600mmx 600 mm Metallic Panel(or Armstrong grid or equivalent )	300 x 450mm Ceramic Wall Tiles upto Ceiling height.	01 nos x 2.0 Tn. Hi-Wall Split A/C	01 nos Patient Couch with Cushion and storage Facility - (2.0m x .75m x .60m), Over head Storage (2.0mx .60m x .40m), 01 medicine Trolley, Aluminium Partition (2.50m x 2.45m), 02nos. Godrej or equivalent Almirah for storage.	As per Room Requirement.
5.	Reporting	6	5.25	31.5	Existing Tiles	Existing False ceiling to	Existing wall tiles to	02 nos x 2.0 Tn. Hi-	06 nos. Godrej or equivalent medium back	As per Room

	Room				to be retain .	be retained.	be retained and paint to be done above tiles.	Wall Split A/C	chair, wooden Counter - (14.00m x 0.60m wide), Overhead Rack. (14.00m x 0.60m x 0.40m ),	Requir ement.
	<b>Total Area</b>			<b>101.91 77</b>				<b>A.C = 16 Tn Hi-Wall Split.</b>		
	<b>Total Area</b>			<i>1100 sq. ft Area</i>						

**Administrative Officer  
AIIMS Jodhpur**