

**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
HAUZ KHAS, NEW DELHI 110016

Date: April 1 , 2013

Subject:       **Retendering:**  
**Notice Inviting Quotations for high frequency X – RAY MACHINE for radiography on a Buy back basis along with a Computed Radiography (CR) system**

**Last date & time for submission of sealed quotations: 22.04.2013, 2.30 PM**

**Important Note:**

Companies who have already submitted quotation in response to earlier NIQ need NOT submit bid again unless they want to change the price or model.

Company / vendor intending to submit tender should first ensure that they fulfill all the eligible criteria. The main requirements to bid are:

**TERMS & CONDITIONS**

**1. Instruction to Bidders**

1.1 Bids are invited from established, reputed and experienced manufacturers or their authorized representatives for **one General purpose, high frequency, multi pulse, X-ray machine for radiography with floating table top and vertical chest stand with grid, on a buy back basis** as per the enclosed Technical Specifications (Technical specifications Annexure A & B : seven pages ). **Same vendor should also offer a reputed computed radiography (CR) system.**

1.2 Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

1.3 If the bidder is an authorized dealer of any manufacturer, the authorized Indian dealership certificate from the principals should be enclosed. Similarly, proprietary certificate for proprietary items should be provided.

1.4 IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or fully) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information.

- a. Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
- b. Forwarder details i.e. Name, Contact No., etc.

Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute and Bills of Entry should be submitted to IIT Delhi later on.

1.5 IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required. a.

Quotation with details of Basic Price, Rate & Amount on which ED is applicable.

1.6 Please quote prices of imported items at FOB (Freight on Board) IIT Delhi inclusive of all taxes, freight, delivery, installation and onsite training charges. The quotation should provide the total price of the system including all taxes and transportation charges.

1.7 Bidders are invited to study the tender document and terms & conditions carefully. Submission of tender shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.

1.8 The scope of work shall include Supply, Installation, Commissioning, & Satisfactory Demonstration. This will also include testing, packing, transportation, scheduling of transportation, transit insurance, delivery at sites, unloading, storage, job site storage, insurance, installation any other services associated with the delivery of the equipment and materials providing warranty of services and operation and maintenance of other related equipment / items required for complete installation. The successful bidder will assume full responsibility of the complete system until final acceptance.

1.9 It will be imperative on each bidder to fully acquaint himself with all the local conditions and factors which would have any effect on the performance of the System. No request for the change of price, or time, schedule of delivery of stores shall be entertained after the purchaser on account of any local condition or factor accepts the offer.

1.10 The bidders are required to have a survey including a site visit before furnishing the quotations. They have to apply for permission in this regard to the Head of the I. I. T. Hospital, Delhi. The Head of the I. I. T. Hospital, Delhi, will give such permission in writing, but the expenses, in connection with the visit and surveys, shall be borne by the bidders themselves.

## **2. Schedule of Tender**

2.1 The non-transferable Tender Document can be download from webpage of active tender on our website [www.iitd.ac.in](http://www.iitd.ac.in)

2.2 Sealed tenders should reach **on or before** the date **22/04/2013** till **2.30 p.m.**

2.3 After evaluation of the Technical Bids and the technical presentation, the short listed bidders will be intimated later.

2.4 The financial bids of the short listed bidders will be opened at the **I.I.T. Hospital , I.I.T. Delhi, Hauz Khas, New Delhi 110016**, as the case may be in the presence of their authorized representatives, if any. (The date of opening of financial bids will be communicated to the technically successful bidders).

## **3 Purchaser's Right to Vary Quantities at the time of Award**

The Purchaser reserves the right to vary the quantities and/or services and/ or split the order among the selected Bidders.

#### **4. Purchaser's Right to accept any Bid and to reject any or all bids**

The Purchaser reserves the right to accept any bid, and to annul the tender process and reject all bids at any time, without assigning any reason. Prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.

#### **5. Bid Security / Earnest Money**

5.1 Bid Security amount should be enclosed along with the Technical Bid for an amount of Rs.2,00,000/- in the form of Bank Guarantee from any Indian Scheduled Bank valid for one year from the date of opening the tender or by way of Demand Draft drawn in favor of Registrar, IIT Delhi , New Delhi, failing which the tenders will be out rightly rejected.

5.2 The "Bid Security/Earnest Money Demand Draft", in case of unsuccessful Bidders, shall be retained by the Purchaser, till the finalization of the tender. The Bid security shall be refunded to the unsuccessful tenderers . No interest will be payable by the Purchaser on the Bid Security/EMD.

5.3 The Bid Security/Earnest Money shall be forfeited ;  
a) If a Bidder withdraws his bid during the period of bid validity specified by the Bidder in the Bid; or  
b) In the case of the finally selected Bidder, if the Bidder fails;  
i) to furnish Performance Guarantee in accordance with clause 9.3 or  
ii) if, at any stage, any of the information/declaration is found false

5.4 Bid security/Earnest Money in respect of the finally selected Bidder(s) will be discharged upon the Bidder(s) executing the Contract, and furnishing the Performance Guarantee, pursuant to Clause- 9.3

#### **6. Period of Validity of Bids**

Bids shall remain valid for six months from the last date of submission of bid as prescribed by the Purchaser. The Purchaser may reject a bid valid for a shorter period as non-response.

**7. THE FORWARDING LETTER/UNDERTAKING ALONGWITH CHECKLIST FOR TERMS & CONDITIONS DULY SIGNED SHOULD INVARIABLY BE RETURNED ALONGWITH QUOTATIONS FURNISHED, FAILING WHICH THE TENDER SHALL BE REJECTED.**

#### **10. Terms and Conditions of Tendering Firms**

Printed terms and conditions of the Bidder will not be considered as forming part of their Bids. In case terms and conditions of the contract applicable to this invitation of tender are not acceptable to any Bidder, he should clearly specify deviation in his Bid.

#### **9. Bid Requirements**

9.1 The Bidder must quote for the equipment with all items and quantities as listed under the Schedule for Requirements.

9.2 Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total unit price as declared in the Price Schedule the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the supplier does not accept the correction of the errors, its bid will be rejected.

9.3 The finally selected Bidder(s) will be required to furnish Contract Performance Bank Guarantee for 10% of the Contract Price, on award of Contract as per the prescribed Proforma, from any Scheduled Indian Bank (As per the list enclosed), which shall be valid till warranty period. The performance bank guarantee (B/G) should be submitted to the purchaser within two weeks from the date of acceptance of the tender. Failure to furnish performance B/G, in time, would entail forfeiture of EMD.

9.4 Bids not accompanied by Bid Security or Bids from representatives without letter of Authority from the manufacturers will be summarily rejected.

9.5 Telex/Fax bids and incomplete bids will be summarily rejected.

9.6 Bidders should enclose, along with the Technical Bid of their offers, the full details including proposed configuration of offers with full documentation, descriptive literature/leaflets supplementing the description and point out any special feature of their system. All documentation is required to be in English.

9.7 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

9.8 All pages of the Bid being submitted must be signed and sequentially numbered by the Bidder.

9.9 All information in the offer must be in English. Information in any other language must be accompanied by its authenticated translation in English. Failure to comply with this may render the offer liable to be rejected. In the event of any discrepancy between the offer in a language other than English and its English translation, the English translation will prevail.

## **10. Bid Prices**

10.1 IN CASE OF IMPORT, THE TENDERERS ARE REQUIRED TO QUOTE FOB VALUE. THIS CONDITION SHOULD BE STRICTLY ADHERED TO FAILING WHICH THEIR TENDER WILL BE SUMMERLY REJECTED.

10.2 The bidder shall indicate on the Price Schedule attached to these documents the Unit Prices and the total Unit Prices of the goods it proposes to supply under the Contract in the following manner:

- i) Unit FOB.
- ii) Customs duty on per unit FOB price
- iii) Local levies, if any, on per unit price
- iv) Other incidental charges, if any, on per unit price

- v) Unit price, for destination
- vi) Total unit price, for destination. Excise duties, sales tax if included should be explicitly specified.

10.3 It should be noted that payment by the Purchaser towards customs duty and local levies, if any would be made on actual. The purchaser would provide appropriate forms applicable to purchases made on behalf of Govt. of India.

10.4 Payments made consequent to any notified change in custom duties, excise duties and sales tax (both increase and decrease) shall be to the Purchaser's account. For such claims of variation, the Bidder shall produce the Government notification as documentary evidence. Price variation due to any other cause shall be on Bidder's account.

10.5 The finally selected Bidder will have to apply to the proper Government Authority for grant of requisite License /foreign exchange for such items as required and the purchaser will only tender such assistance, as considered necessary.

## **11. Contents of Bid**

The Bid prepared by the Bidder shall comprise of the following two components:

a) Technical Bid comprising of the following and to be filled on the format sheets provided in the tender document. This is mandatory:-

- i) Bidders particulars (Annexure- A)
- ii) Bidder profile (Annexure - B )
- iii) Manufacturers' Authorization Form (Annexure - C)
- iv) Proforma of Guarantee for supply of spares during the post warranty period (Annexure - D)

b) Financial Bid / Price bid to be submitted in the company's letter head duly signed & sealed by their authorized signatory / ies.

## **12. Procedure for Submission of Bids**

12.1 It is proposed to have a Two Cover System for this tender

COVER A [ Technical Bid ]

COVER B [ Financial / Price Bid ]

12.2 Technical Bid of the Tender should be covered in a separate sealed cover super-scribing the wordings "Technical Bid".

**PLEASE NOTE THAT PRICES SHOULD NOT BE INDICATED IN THE TECHNICAL BID. TENDERS SUBMITTED WITHOUT FOLLOWING THE TWO BID SYSTEM PROCEDURE WILL BE SUMMARILY REJECTED.**

12.3 Financial Bid of the tender should be covered in a separate sealed cover super scribing the wordings " Financial Bid".

12.4 Both the Technical Bid cover and Financial Bid cover prepared as above are to be kept in a single sealed cover super scribed with Tender Number.

12.5 The cover thus prepared should also indicate clearly the name and address of the Bidder.

12.6 The tender should be a complete document and should be bound as a volume.

**12.7 The sealed cover as mentioned at Clause 12.4 above shall be reach on or before the date 28/03/2013 till 1.30 p.m.**

**Store Pharmacist ( senior ),  
I.I.T. Hospital Store, I.I.T. Hospital  
I.I.T. Delhi, Hauz Khas, New Delhi 110016, INDIA**

### **13. Award of Supply Order**

Prior to the expiry of the period of bid validity, the Purchaser will notify the finally selected Bidder(s) in writing by registered letter or by cable or telex or fax, to be confirmed in writing by registered letter or by Hand in person, that its bid has been accepted. If a need for extension of the bid validity period arises, it should be extended by mutual agreement. The notification of award will constitute the formation of the Contract.

### **14. Inspection and Tests**

The Purchaser shall have the right to inspect and/or test the equipment for conformity to the Contract Specifications.

14.1 In case any inspected or tested equipments fail to conform to the specifications, the Purchaser may reject them and the supplier shall either replace the rejected equipments or make all alterations necessary to meet specification requirements free of cost to the Purchaser.

14.2 The supplier shall provide installation and standard tests for the individual equipment before the delivery of the system at site.

14.3 The supplier shall test each individual equipment and the complete system after installation at site and prepare a test report. This shall be compared with the factory test report to ensure that there is no deterioration in the equipment parameters during storage, transportation and installation.

14.4 Leaflets and literature should invariably be attached for ready references alongwith complete documentation of all the measurements conducted during installation period which shall be submitted by the supplier for future reference.

14.5 The technical problems faced during installation, testing and commissioning period and their solutions shall be submitted by the supplier at the time of handing over the completed works.

14.6 For the purpose of taking over the equipment/system supplied pursuant to this contract, an acceptance test shall be carried out at the Purchaser/Consignees destination site. The equipment which meets the acceptance test shall only be accepted by the Purchaser.

14.7 (a) Acceptance Test at site shall be conducted of individual equipment and complete system to ensure that individual equipment and complete system meets

the technical specifications and other operational and technical requirements of tender.

(b) The Purchaser shall have the right to reject any individual equipment or complete system, if in its opinion the same does not meet technical specifications, operational or technical requirements. The decision of the purchaser in this regard shall be final.

(c) The delivery, installation or commissioning shall not be deemed to have been completed unless all the equipments and systems are accepted by the purchaser.

14.8 Before the equipment is taken over by the Purchaser/Consignee, the Supplier shall provide manuals of the equipment/systems. This shall include the following:

- i) System Interface Drawings, Wiring diagrams
- ii) System Interconnection and Block diagrams
- iii) User Operation Manuals
- iv) Equipment Maintenance Manuals

## **15. Spare Parts**

15.1 The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all items/equipments and the complete system for at least ten years on a continuing basis. However, this does not relieve the supplier of any warranty obligations under the Contract.

15.2 The Bidder shall include in his tender, the details of essential spares, their quantity and unit prices as per schedule of requirements. Detailed explanation to confirm that quantity of spares quoted as per requirement of this clause shall be given.

15.3 In addition to the essential spares, Bidder shall indicate additional recommended quantities of spares for efficient maintenance of the equipment and the systems for a period of 5 years, after the completion of warranty period, to ensure that the quality and reliability objective is achieved. The details on which unit price and the total cost or recommended spares is based shall be included in the tender as an option. However, the cost of such recommended spares shall not be considered for tender evaluation.

## **16. Warranty**

16.1 Complete system including should have comprehensive (labour & spares) onsite warranty for five years(including X-ray tube and all accessories) commencing from the date of issue of installation certificate by the institute. Post guarantee annual comprehensive maintenance contract (CMC) to cover main equipment including all accessories supplied with the unit should be quoted separately for additional five years with year wise break up. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. The price comparison shall be made taking into account on basic price and post warranty AMC.

16.2 The Supplier (manufacturer) shall set-up a maintenance base to provide maintenance service, of the entire system being offered, at short notice during the warranty and post warranty period. The technical maintenance personnel of the supplier responsible for supervision and maintenance shall be available to reach the site(s) within 1 hour's notice.

16.3 If the performance of any individual equipment or system is not satisfactory, the same shall be replaced by the supplier free of cost.

16.4 If it is found that to meet the performance criteria, any extra equipment is required the same will be provided free of cost by the supplier.

16.5 All faults appearing and their rectification shall be periodically advised to the hospital, the period being not more than a month.

16.6 Any lacuna or lacunae noticed in the functioning of the installation as a result of any design feature shall be rectified by the supplier free of cost.

16.7 The Supplier shall fully associate the engineers and technicians of the Institute during installation, testing, commissioning, operation and maintenance period.

### **17. Previous Installations**

The names and address of the institutions/hospitals where the supplier has already installed/supplied the equipment indicating the dates of installations may be given (in India ).

### **18. Delivery, Installation and Commissioning**

18.1 Delivery of the goods at the Institute premises shall be completed by the Supplier within 6-8 weeks from the date of Supply Order.

18.2 The installation, testing and commissioning of the proposed system shall be completed within 6-8 weeks from the date of Supply Order, failing which necessary action as deemed fit under rules, will be taken against the defaulter.

### **19. Termination for default**

The purchaser may without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or in part.

i) If the supplier fails to deliver or install system within the time period(s) specified in the contract.

OR

ii) If the supplier fails to perform any other obligation(s) under the contract.

### **20. Use of Contract Document & Information**

The supplier shall not, without the Purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample of information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the supplier in the Performance of the contract

### **21. Property Rights**

The Supplier shall indemnify the Purchaser against all third party claims of infringement of patent, copyright, trademark, license of industrial design rights,



software piracy arising from use of the goods or any part thereof in the Purchaser's country.

## **22. Payment**

Letter of Credit will be opened on FOB Value, as the case may be, for full amount after deducting the Agency Commission/Technical Service Charges. 100% payment shall be released against presentation of shipping documents against a performance Bank Guarantee valid for the warranty period of five years for 10 % value from any Scheduled Indian Bank.

The Institute shall make all reasonable and due efforts to pay the Indian Agency Commission at the earliest possible after 3 months of satisfactory installation/commissioning and handing over of the system in good working condition and meeting any other requirements for payment of the Agency commission. The rate of exchange applicable for converting agency commission into equivalent Indian Rupees shall be the T.T. selling rate prevalent on the date of releasing the documents by the Bankers. The Indian Agency Commission will be paid in Indian Currency (Rupees) to the Indian Agents.

Payment (in case of Rupees) shall be made through Electronic Clearing System.

## **23. THE GOODS MUST BE SHIPPED THROUGH OUR NOMINATED FREIGHT FORWARDER INDICATED IN LETTER OF CREDIT AND SUPPLY ORDER.**

## **24. Arbitration**

If, at any time, any question, dispute or difference whatever shall arise between the two parties ( IITD on the one hand and vendor on the other hand) in relation to the purchase either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators, one to be nominated by the REGISTRARD, IITD, and the other to be nominated by the firm. Such a notice of the existence of any question, dispute or difference in connection with this purchase shall be served by either party within 30 days of the beginning of such dispute failing which all rights and claims shall be deemed to have been forfeited and absolutely barred.

Before proceeding with the reference the arbitrators shall appoint/nominate an Umpire. In the event of the arbitrators not agreeing in their award the Umpire appointed by them shall enter upon the reference and his award shall be binding on the parties. The venue of the arbitrator shall be at IITD. The provision of the Indian Arbitration and Reconciliation Act 1996 and of rules framed if under and any statutory modification thereof shall be deemed to apply and be incorporated for the supply, installation and commissioning etc.

Upon every or any such reference, the cost of any incidents to the reference and award(s) respectively shall be at the discretion of the arbitrators or in the event of their not agreeing, of the Umpire appointed by them who may determine the amount thereof or direct the same to be fixed as between solicitors and client or as between parties and shall direct by whom and in what manners the same shall be borne and paid.

## **25. Jurisdiction**

The courts at Delhi will have the jurisdiction to try any matter, dispute or reference between the parties arising out of the contract. It is specifically agreed that no court outside and other than Court shall have jurisdiction in the matter.

## **26. Force Majeure**

Any failure of omission or commission to carry out the provision of the contract by the supplier shall not give rise to any claim by any party, one against the other, if such failure of omission or commission arises from an act of God, which shall include all acts of natural calamities such as fire, flood, earthquake, hurricane or any pestilence or from civil strikes, compliance with any statute and/or regulation of the Government, lockouts and strikes, riots, embargo or from any political or other reasons beyond the supplier's control including war (Whether declared or not) civil war or state or insurrection, provided that notice of the occurrence of any event by either party to the other shall be given within two weeks from the date of occurrence of such an event which could be attributed to Force Majeure conditions. The Institute reserves the right to accept or reject in whole or in part any or all the quotations received without assigning any reasons thereof.

## **27. Operation**

The firm should be responsible for running the system for at least one year or till such time our staff is trained to handle the system. Training of the staff will be responsibility of the firm at the expense of the firm.

## **28. Up time guarantee:**

The firm should provide uptime guarantee of 95%.

## **29. Downtime penalty Clause**

29.1 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 warranty 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 AMC from the third party separately along with the main offer and the third party will have to sign the AMC with the Institute if required.

29.2 The principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

## **SPECIAL TERMS AND CONDITIONS FOR TENDER SUBMISSION**

1. The tenderer should have been in this business for a period of at least five years in the country in relation to the type of equipment for which the quotations/tenders are being submitted.
2. A proof of ownership/partnership etc. shall be submitted along with verification of address, telephone & fax numbers.
3. The attested copies of latest Income tax clearance certificate and sales tax certificate, if applicable, should be submitted in absence of which tender shall be rejected.
4. The tenderer should submit statement of financial standing from their bankers. The name of the bank along with full address is to be furnished.
5. The supplier should submit a statement of overall turnover for the previous three years. If applicable a copy of the applicants annual report and accounts for each of the last three years should also be submitted.
6. The tenderer is also required to submit performance report from other similar organizations where the firm is registered for supply and erection of similar projects of hospital equipments/System. He will also submit list of organizations where the System has been Installed by the firm in the last two years.
7. The tenderer has to give a certificate that the firm has not been blacklisted in the past by any Institution - Government/Private.
8. The tenderer is also requested to submit authority letter from manufacturers/principals of supplying equipment /drugs without which tender will not be considered.
9. The tenderer/supplier has to give an affidavit on a non-judicial stamp paper that there is no vigilance/CBI case pending against the firm/supplier.
10. If the tenderer gives a false statement on any of the above information the firm/supplier will not be considered and their quotation/tender shall be rejected and the security deposited shall be forfeited.
11. The Institute will have the right to reject any tender without assigning any reason.
12. The manufacturer should submit all the quotations directly or through their authorized distributor provided the manufacturer accepts responsibility for any lapse on the part of distributor and authorization certificate must be enclosed.
13. Quality assurance certification like ISO 9000 series should be enclosed wherever applicable.

**To be enclosed with Technical Bid**

**ANNEXURE-A**

**BIDDER PARTICULARS**

**Bidder Serial Number Allotted on Tender Document:\_\_\_\_\_**

- 1. Name of the Bidder :**
- 2. Address of the Bidder :**

**3. Name of the Manufacturer (s) :**

**Address(es) of the Manufacturer :**

**Name and address of the person :  
To whom all references shall be  
Made regarding this tender inquiry.**

**Telephone :**

**Telex :**

**Fax :**

**e-mail address :**

**Witness :**

**Signature**

**Name**

**Address**

**Designation**

**Company  
Date**

**Signature**

**Name**

**Company Seal**

**Date**

**To be enclosed with Technical Bid**

**ANNEXURE - B**

**BIDDER PROFILE**

**A. General Information:**

**(i) Location of Corporate Headquarters :**

**(ii) Date and Country of Incorporation :**

**(iii) Manufacturing Facility (S)**

Location

Size

Capacity

**(IV) No. of Service Facility(S) in India**

Location

Strength

Area Covered

**(V) Average yearly turnover for last three years:**

**(VI) Geographical Distribution of the Supplier :**

No. of Offices

Locations

Staff strength

**(VII) Total No. of installations of the system offered.**

**(VIII) No. of Employees**

Total No.

Manufacturing

R&D (If any)

Hardware Maintenance

Software

**B. Reference of Major installation with similar products (attach documents in support, if available) .....S. No.**

**Customer Name, Address Product Description**

**Telephone Fax Number (No. of Machines installation year wise)**

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**Date.....**

**Signature and seal of bidder**

**To be enclosed with Techno-Commercial Bid**

**ANNEXURE - C**

**PROFORMA FOR AUTHORITY FROM MANUFACTURERS**

No.....

Dated.....

To,

Dear Sir,

Sub: Tender No.....

We..... An established and reputed manufacturers of  
..... having factories at.....and office at  
M/s.....

(Name and Address of the Authorized representative) to represent us, to tender,  
negotiate and conclude the contract on our behalf with; you against Tender  
no.....

No company/firm or individual other than M/s..... are  
authorized to represent us in regard to this business against this specific tender.

Yours faithfully,

Signature and seal

Name.....  
For & on behalf of M/s

.....  
(Name of Manufacturers)

**Note: This letter of authority should be on the letter head of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturers.**

**To be enclosed with Techno-Commercial Bid**

**ANNEXURE – D**

**PROFORMA OF GUARANTEE FOR SUPPLY OF SPARES DURING POST WARRANTY PERIOD**

**To**

**Dear Sir,**

In consideration of the (hereinafter referred to as "Purchaser" which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assignees) having awarded to M/s..... with its Registered/Head office at ..... (hereinafter referred to as the "Supplier" which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assignees), a contract by issue of the Purchaser's letter of Award no..... dated entering into a formal contract to that effect with the Purchaser on ..... vide agreement dated..... (hereinafter referred to as the contract).

We the supplier hereby give a guarantee for the supply of all necessary spares demanded for the routine and emergency maintenance of being supplied by us to for a period of not less than 5 years after the warranty period of 5 years and life time spares thereafter in case asked for by the purchaser.

We further clarify that for the first 5 years i.e. warranty period of 5 years, we are covered by the warranty clause as mentioned. For the remaining period of 5 Years and thereafter for the life time, a detailed list of spares will be supplied to the purchaser for the purpose of enabling him to decide spares needed for routine and emergency maintenance.

**Dated..... day of.....20.....**

**Witness :**

**Signature and Seal**

**(Name of manufacturers)**

**(Signature)**

**Name :**

**For & on behalf of M/s**

**INDIAN INSTITUTE OF TECHNOLOGY DELHI  
HAUZ KHAS, NEW DELHI 110016**

**The Chairman Purchase Committee (PFC)  
C/O Store Pharmacist ( senior ),  
I.I.T. Hospital Store, I.I.T. Hospital  
I.I.T. Delhi, Hauz Khas, New Delhi 110016, INDIA**

**Dear Sir,**

1. I/We hereby submit our tender for the.....  
.....
2. I/WE now enclosing herewith the Bank Guarantee/D.D.  
No.....dated.....  
for Rs.2,00,000/- drawn in favour of the "REGISTRAR, Indian Institute of Technology Delhi" towards EMD/Bid Security.  
(TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY ALONGWITH THE TECHNICAL BID SHALL BE SUMMARILY REJECTED).
3. I/We hereby agree to all the terms and conditions, stipulated by the IITD, in this connection including delivery, warranty, penalty etc. Quotations for each group are being submitted under separate covers, and sheets and shall be considered on their face value.
4. I/We have noted that overwritten entries shall be deleted unless duly cut & re-written and initialed.
5. Tenders are duly signed (No thumb impression should be affixed).
6. I/We undertake to sign the contract/agreement, if required, within 15 (Fifteen days) from the date of issue of the letter of acceptance, failing which our/my security money deposited may be forfeited.
7. I/We have gone through all terms and conditions of the tender documents before submitting the same.

NOTE: ALL TERMS & CONDITIONS SUCH AS TAXES ETC, HAS BEEN INDICATED IN THE QUOTATIONS FAILING WHICH IT WILL BE PRESUMED THAT THE RATES ARE INCLUSIVE OF ALL. TAXES AND OTHER TERMS AND CONDITIONS ARE ALSO AS PER YOUR REQUIREMENTS.

**Yours faithfully,**

Signature of Tender(s) full Address

**WITNESS**\_\_\_\_\_

**WITNESS**\_\_\_\_\_

**WITNESS**\_\_\_\_\_

**WITNESS**\_\_\_\_\_



**CHECK LIST FOR TERMS AND CONDITIONS**

**Check list for Terms and Conditions**

**(To be filled by the bidder and submitted alongwith the technical bid)**

1. Certificate for being in business for more than 5 years \_\_\_\_\_  
\_\_\_\_\_
2. Certificate for sole ownership/partnership \_\_\_\_\_
3. Statement of financial standing from bankers \_\_\_\_\_
4. Performance report/List of organizations where similar equipment / system installed  
\_\_\_\_\_  
\_\_\_\_\_
5. Rates quoted included all taxes/levies is a FOB \_\_\_\_\_
6. Rates quoted as per tenders specifications \_\_\_\_\_
7. Authority letter from manufacture/principal enclosed \_\_\_\_\_
8. Affidavit that the firm has not been black listed in the past by any hospital/institution \_\_\_\_\_  
\_\_\_\_\_
9. Affidavit that the firm has no vigilance case/CBI case pending against him/supplier  
\_\_\_\_\_
10. Affidavit that the firm is not supplying the same item at the lower rates quoted in the tender to any Govt. organization or any other Institute (Fall clause) \_\_\_\_\_  
\_\_\_\_\_
11. Quotation being submitted directly by the manufacturer or authorized distributor  
\_\_\_\_\_
12. Quality assurance certificate like ISI, ISO-9002, or any other, please specify  
\_\_\_\_\_
13. Statement of turnover/annual report for each of the last three years attached  
\_\_\_\_\_
14. Bid Security amount enclosed/ deposited \_\_\_\_\_
15. Literature of original catalogue of the product attached for reference  
\_\_\_\_\_
16. Guarantee /warranty period for \_\_\_\_\_ years ( \_\_\_\_\_ years with spares, \_\_\_\_\_ years without spares).

**(NAME OF THE BIDDER)  
WITH SIGNATURE & SEAL**

**Technical specifications Annexure A**

**Tender specifications for high frequency X – RAY MACHINE for radiography on a Buy back basis along with a Computed Radiography (CR) system**

**For X Ray Department, I.I.T. HOSPITAL ,IIT Delhi, New Delhi**

Requires one General purpose, high frequency, multi pulse, X-ray machine for radiography with floating table top and vertical chest stand with grid, on a buy back basis. Same vendor should also offer a reputed computed radiography (CR) system.

<b>To be filled by company / Vendor</b>	
<b>Please mention YES or NOT</b>	<b>Please mention page number</b>

<b>X-ray Generator :</b>			
1	Output Power :	50 KW or more	
2	Mains Compensation :	Automatic	
3	mA Output Range :	800 mA or more	
4	KV Out put range :	40 KV to 150 KV. 800mA at 60kV	
5	Digital display :	kV and mAS	
6	Parameter selection :	kV & mAS	
7	<b>X-ray Generator should be manufactured by the same company</b>		

<b>X – Ray Tube</b>			
1	One No		
2	Rotating anode type		
3	X-ray tube capable of handling 50kW or more power.		
4	Dual focus of 0.6/1.0 mm square size or better with facility to stop the rotating anode immediately after exposure is terminated.		
5	<b>X Ray tube should be manufactured by the same company</b>		

<b>Examination Table</b>
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1	Horizontal table having movable table top in all four directions: longitudinal and transverse		
2	Its table top should be radio transparent and capable of handling heavy patients.		
3	It should be provided with bucky having stationary/moving grid of 10:1, 60 lines per cm or better.		
4	It should be provided with a fully counterbalanced ceiling free type column stand.		
5	All the movements of the table and column stand should be locked by electromagnetic brakes.		

### Vertical Chest Stand

1	It should have a vertical chest stand with stationary/movable grid of 10:1, 60 lines per cm or better for standing abdomen and other X-rays in erect position.		
2	It should be separately provided with an attachment for taking chest X-rays without grid.		
3	All the movements of the stand should be electromagnetically lockable.		

### Accessories

	Standard accessories like abdominal binder, 2 x Zero lead aprons, operating manual, furniture, lead glass, foot step etc should be provided with the machine.		
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### Other

	Unit should operate on three phase 415 Volt, 50Hz. Line. A suitable voltage stabilizer should be provided with the unit.		
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**Tender is on a buy back basis for the existing Siemens machine, Model: Pleophos D. This unit can be inspected by vendors on any working day after taking permission from the Head, I.I.T. HOSPITAL , IIT Delhi**

**Turn key : The entire project is on a turn key basis for the entire civil, electrical and air conditioning work.**

### Warranty/After Sale Service

1	Five year comprehensive on site warranty of entire system (Spares and labour) including X-ray tube and all accessories and civil, electrical and air conditioning works. This will be followed by 5 years comprehensive AMC (CMC).		
2	95% uptime guarantee should be given. In case down time exceeds 5%, penalty in the form of extended warrantee, double the number of days for which the equipment goes out of service, will be applied.		

### Installation and Turnkey

1	All turnkey work proposed by the selected firm will require approval of Head of the I. I. T. Hospital, Delhi and competent authorities including engineering section, of the institute before implementation.		
2	A complete site preparation plan will be required to be submitted as a turnkey project. The vendor will be eligible to inspect the proposed site .		
3	The cost of alteration and preparation in a specified built in area on turn key basis which will include civil, electrical and air conditioning and maintenance of air conditioning is to be borne by the firm. Requirement of power and air conditioning must be clearly specified		
4	Internal finishes: Flooring and skirting of branded antiskid ceramic (vitrified) tiles of reputable firm (option of epoxy flooring to be kept); walls-POP with plastic emulsion paint; GI powder coated ceiling system and brick wall partition between radiography room and console with lead glass.		
5	Lead lining of the walls and doors as required.		
6	Changing room with powder coated aluminum section of required size.		

### Important instructions to supplier

1	X-ray Generator AND X Ray tube should be manufactured by the same company		
3	All the information in the tender document must be supported by product data sheets (original copy). All information asked must be provided under heading given above. <u>Incomplete and haphazard information will not be accepted.</u>		
4	Submit a valid NOC and AERB Type approved certificate for the model quoted.		

5	ISO certification for services of medical devices must be submitted.		
6	Please provide names and addresses of other installations in India & abroad. The model quoted should have at least one running installation in India. Submit 'satisfactory certificate' from the users.		
7	The supplier must ensure the availability of expert service and maintenance. Uninterrupted availability of spare parts and repair of next ten years must be assured		

	<b>Training :</b> Company will have to provide on site training to hospital staff for operational guidelines/familiarization of the equipment, for as adequate period of time to be decided by department.		
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**Technical specifications Annexure B**

**Specification of Table Top CR System with Dry Imager**

**For X Ray Department, I.I.T. HOSPITAL ,IIT Delhi, New Delhi**

<b>to be filled by company / Vendor</b>	
<b>Please mention YES or NOT</b>	<b>Please mention page number</b>

The CR System should have following essential features

<b>1</b>	<b>Image recording system (Cassettes &amp; Imaging Plates ( IP))</b>										
	Vendor will provide the following sizes of Radiography Cassettes along with Image Plates which should be supported by the unit.										
	<table border="1"> <thead> <tr> <th>Sizes</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>a) 14" x 17"</td> <td align="center">2</td> </tr> <tr> <td>b) 10" x 12"</td> <td align="center">2</td> </tr> <tr> <td>c) 10" x 8"</td> <td align="center">2</td> </tr> </tbody> </table>	Sizes	Quantity	a) 14" x 17"	2	b) 10" x 12"	2	c) 10" x 8"	2		
Sizes	Quantity										
a) 14" x 17"	2										
b) 10" x 12"	2										
c) 10" x 8"	2										
	Cassettes should preferably have rewriteable label to avoid mix up of patient name / ID with image data before the same is brought to the CR reader / Digitizer from X-Ray room for cassette scanning / reading										

<b>2</b>	<b>Image Reading (CR Reader / Digitizer)</b>		
a)	It should be able to process all standard size cassettes i.e. 10"x12" & 14"x17".		
b)	The CR Reader / Digitizer should be able to process 60 Imaging Plates / hour or more of 14"x17" size at 10 pixel resolution		
c)	It should have a standard spatial resolution of 10 pixels/mm for all above mentioned cassette sizes.		
d)	It should have grey scale resolution of at least 20 bits / pixel for data acquisition and 16 bits / pixel for output to processor		
e)	Time to preview image of 14" x 17" cassette should be less than 30 seconds.		
f)	It should be DICOM PACS ready.		
g)	The digitizer should be table top model. It should have rigid IPs or flexible IP embedded on tray for better life of IP's		

<b>3</b>	<b>Processing Server / CR Workstation with 19" LCD Panel</b>		
a)	PC based unified server / workstation for centralized patient identification & management of Images / Studies.		

b)	Process of identification should be ready for interface with existing Hospital Information System (HIS) or Radiology Information System (RIS) in DICOM protocols		
c)	This Server must provide display of acquired images with a greater details of demographics, like patient / study listing for easy access.		
d)	This sever must provide full amount of post processing features like Geometric Corrections, Window / Level, Algorithms, Annotations such as markers , predefined texts , drawing lines and geometrical shapes, Multi scale image contrast amplification , measuring distances and angles and determining leg length differences , Shuttering , histograms, Zoom, Grey Scale Reversal, Edge Enhancement, Noise Reduction, Indicate Grey Scale Saturation Level, Latitude Reduction.		
e)	This terminal must provide a full fledge DICOM printing. Should be able to print in multiple formats ( minimum 4 ) of a patient study , print a True Size		
f)	Should be able to send DICOM images to a DICOM viewing station.		
g)	Should be equipped with DICOM CD writer for allowing examination of a patient to be written onto a CD in DICOM format for referral purposes		

<b>4 Dry Imager (For Film Printing)</b>			
a)	The system must be a Dry Imager, without need of any wet chemistry		
b)	The system must be DICOM 3.0 Print Service Class Provider, allowing minimum of 10 associations at a time		
c)	The system must be able to process at least 75 films / hour.		
d)	The system must deliver it's first film within 80 seconds from print request.		
e)	The system must have a spatial resolution of 320 PPI / DPI or more for all sizes printed.		
f)	The system must have contrast resolution of 12 bits / pixel or more.		
g)	The system must have at two online film sizes, and should be capable to print on any of the 8 " x 10 " , 10 " x 12 " , 11 " x 14 " , 14 " x 17 " sizes two film input trays should be freely configurable at user level for all the mentioned film sizes,		
h)	All the input trays should be freely configurable for loading any of the mentioned film sizes at user level.		
i)	The system must not involve any wet process and must give a dry film in single staged (without any users Intervention) functionality.		
j)	It should have single step direct digital printing.		

<b>5 Interconnectivity</b>			
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a)	Interconnectivity between various CR modules should be Ethernet / TCP IP Based i.e. RJ 45 Connection (10 / 100 Base T / LAN).		
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<b>6</b>	<b>Essential Software / Features</b>		
a)	Application related software like black border / black masking should be available		
b)	The workstation should have feature for Grid line suppression and square marking.		
c)	It should have built in image processing software.		
d)	Please quote the prices of cassettes and IP set for all standard sizes.		

<b>7</b>	<b>Regulatory approvals :The system must have approval of European CE / FDA.</b>		
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<b>8</b>	<b>Suitable UPS</b> back up must be provided for 15 minutes backup for the whole system		
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<b>9</b>	<b>Installation Lists:</b>		
	Firm should attach installation list in India of their CRs out which at least two installations should be in Govt. Hospital or Govt. Medical Institute.		

<b>Warranty/After Sale Service</b>			
1	Five year comprehensive on site warranty of entire system (Spares and labour) including X-ray tube and all accessories and civil, electrical and air conditioning works. This will be followed by 5 years comprehensive AMC (CMC).		
2	95% uptime guarantee should be given. In case down time exceeds 5%, penalty in the form of extended warrantee, double the number of days for which the equipment goes out of service, will be applied.		