



**ESIC MODEL HOSPITAL
EMPLOYEES' STATE INSURANCE CORPORATION
(ISO 9001-2015 Certified)
SECTOR- 24, NOIDA U.P.**

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TENDER NOTIFICATION

**E-TENDER ENQUIRY FOR PROCUREMENT OF 600 mA X-RAY MACHINE ONE (01),
COMPUTED RADIOGRAPHY ONE (01) & Mobile C-ARM IMAGE INTENSIFIER ONE (01)**

Date for Issue	Last date for Submission
11.01.2019	11.02.2019 Up to 1.00 PM

Proposal should be submitted online only.
EMD should be submitted in sealed envelope at ESIC Hospital
Noida

LAST DATE & TIME FOR ONLINE SUBMISSION OF TENDER DOCUMENT:	11.02.2019 Up to 1.00 PM
DATE OF PRE-BID MEETING	28.01.2019 Up to 2.00 PM
DATE & TIME FOR ONLINE OPENING OF TENDER DOCUMENT	11.02.2019 2.30 PM

**Director (Medical) Noida
ESIC Model Hospital Noida Complex
Sector-24, Noida (U.P.)**

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TENDER NOTIFICATION FOR PROCUREMENT OF EQUIPMENT FOR ESIC HOSPITAL SECTRO-24 NOIDA.(U.P.)

On behalf of the Director (Medical) Noida, online tenders are invited from reputed, experienced and financially sound bidders for procuring and installation of

A. 600 mA X- RAY MACHINE -ONE (01)

B. COMPUTED RADIOGRAPHY SYSTEM -ONE (01).

C. MOBILE C-ARM IMAGE INTENSIFIER ONE(01)

The machines are to be installed at ESIC Model Hospital Sector 24, Noida, 201301. Bidders may upload their bids at procurement portal of ESIC: <https://esictenders.eproc.in>.

1. Tender Document may also be viewed online or downloaded by the bidders from the www.esic.nic.in & <https://esichospitals.gov.in>.
2. The bidders can apply for either 600 mA X- RAY MACHINE /COMPUTED RADIOGRAPHY or Mobile C-arm Image Intensifier or all. In case bidder wants to apply for all he will have to deposit separate EMD for each.
3. The validity of the tender will be for the period of six months from the date of opening of financial bid.

The tender would be submitted as per 'two bids' system. Both the Technical Bid and the price (Financial) Bid are to be submitted online only.

a) Technical Bids: - The original copy of tender duly completed and signed on each page along with Annexure and certificates, should be uploaded online. Evaluation of tender will be done online. All the original affidavits and documents are to be scanned and have to be uploaded in the e-tender format. After uploading the tender, the bidder should check that they are correctly uploaded and legible for evaluation. Dim and illegible documents will not be accepted.

b) EMD (Earnest Money Deposit)-

- (i) The bidder applying for 600mA X-Ray Machine the amount of EMD will be Rs. 75,000/-
- (ii) The bidder applying for Computed Radiography System the amount of EMD will be Rs. 60,000/-
- (iii) The bidder applying for Mobile C-arm Image Intensifier the amount of EMD will be Rs. 80,000/-

The EMD should be in the form of Demand Draft drawn at any Nationalized/Scheduled bank in favor of 'E.S.I Fund Account No.1 payable at Delhi/Noida , to be enclosed in a sealed envelope (in a separate envelope for each equipment applied, bidder should super scribe name of the equipment and tender number on the envelope containing EMD) with name and address of the bidder along with the covering letter addressed to Dy. Medical superintendent ESIC Model Hospital Sector-24, Noida and to be dropped in EMD box kept in Room No. 44, Ground Floor, ESIC Model Hospital Sector-24, Noida on or before the specified date and time.

c) EMD Deposited with earlier tender if any or in any other form as given, will not be

adjusted/accepted against this tender. Tender without EMD will not be accepted in any case and the same shall be rejected summarily.

- d) **PRICE (FINANCIAL) BID**:-The 'Price / Financial Bid' will contain the cost for the item mentioned/ quoted in the form of a table in the technical bid, along with Rate of CMC for five years.

Bidders are requested that, before quoting their rates or uploading tender, the tender forms may please be read out thoroughly (line by line) so as to have a clear knowledge of the requirement contained therein, otherwise ESIC will not be held responsible for any error oversight of his own.

4. **E-TENDER SCHEDULE**

S. No.	Details	Dates & time
1.	Date of availability of online e-Tender document on websites	10.01.2019
2.	Pre-bid meeting	28.01.2019 Up to 2.00PM
3.	Last date of Bid submission	11.02.2019 Up To 1.00 PM
4.	Date of Opening online tenders	11.02.2019 2.30 PM

Note: If the date of opening of tenders is declared a public holiday, the tenders shall be opened on the next working day at the same venue and time.

5. All bidders are requested to check further notifications/ updates/corrigendum's if any, on ESIC website- www.esic.nic.in , <https://esichospitals.gov.in> & ESIC e-Procurement portal- <https://esictenders.eproc.in>
6. The **Prebid meeting** will be held for the bidders to provide clarifications on their doubts and queries on pre-schedule date. Bidders are requested to send their queries three days before the schedule date through email on e-address: dr.balraj.bhander@esic.nic.in. It will be in the interest of the bidders to be present in the Prebid meeting through their respective authorized representative for better understanding of the terms and conditions of the bid. The personnel attending the pre-bid meeting shall be duly authorized on behalf of the bidders to avoid any inconvenience. The authorized representatives attending the pre-bid meeting shall carry their authority letters along with Identity **proofs**.
7. Prospective bidder can inspect the installation site on day of Pre-bid meeting between 10 Am- 01PM.

8. **OPENING OF TENDER:**

- I The uploaded online Technical bids will be opened in the presence of all the bidders/authorized representatives who choose to attend on the date and time as mentioned.
- II The bidders / Authorized representatives who are present in the opening Hall must have identification evidence along with letter of authorization from the concerned firms.
- III The bidders whose technical bids are found technically suitable will be invited by email to attend the opening of the Financial Bids. The decision of the committee on technical suitability shall be final and shall not be open for discussion.

IV **Notification of Award/Letter of Intent (LOI)**

Before expiry of the tender validity period, the ESIC Model Hospital Noida will notify the successful Bidder(s) in writing, by registered / speed post or by email (to be confirmed by registered / speed post immediately afterwards) that its tender for X-Ray 600mA machine /computed Radiography System/ Mobile C-arm Image Intensifier, which have been selected by the ESIC Model Hospital Noida, has been accepted, also briefly indicating there in the essential details like description, specification and quantity of the X-Ray 600mA machine /computed Radiography System / Mobile C-arm Image Intensifier services and corresponding prices accepted. This notification is undertaken by issuing a Letter of Intent (LOI) by the ESIC Model Hospital Noida.

The successful bidder, upon receipt of the LOI, shall furnish the required performance security and submit an agreement in the prescribed format within ten days, failing which the EMD will forfeited and the award will be cancelled.

- 9. Signing of Contract:** The successful bidder shall execute an agreement for ensuring satisfactory supply, installation, commissioning, training and the after sales service/support during the warranty period and during the Comprehensive Annual Maintenance Contract.
- 10.** ESIC Model Hospital Noida reserves the right to accept or reject any or all tenders without assigning reasons.
- 11.** ESIC Model Hospital Noida reserves the right to modify, add or delete any terms & conditions of the contract as and when required.

A. ELIGIBILITY CRITERIA FOR X-Ray 600mA MACHINE

The tenders submitting the bids under the tender shall have the following mandatory qualifications:-

1. Manufacturers or their authorized dealers of X-Ray 600mA machine who have a place of business in any of the States of India are eligible to participate in this tender.
2. The authorized dealer/ manufacturer of the X-Ray 600mA machine should be in the business of the supply and installation of said X-Ray 600mA machine for the last five calendar years. (i.e. Jan 2014-Dec 2018), valid proof to be uploaded along with the application.
3. The manufacturer/ Authorized Dealers should have previously completed at least three satisfactory installations X-Ray 600mA machine in Govt. / Pvt. Institutions / Hospitals in India in last 05 years. The installations mentioned by the manufacturer in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer. Three separate installation and work performance certificates for each machine are required.
4. The firm should be registered with GST department. Valid proof to be uploaded along with the application. The bidders/firms duly registered under GST will only be eligible to participate in the tender.
5. The Bidder (manufacturer or their authorized agent) should have had Annual financial **turnover of Rupees One Crore & Fifty Lacs (Rs.1.5 Crore)** during the three preceding financial years 2014-2015, 2015-2016, 2016-2017. Auditor report along with Audited financial statements by CA of preceding three financial years should be uploaded with the bid.
6. Bidders should have the capability to attend repairs of the X-Ray 600mA machine within 24 hrs and replace the faulty X-Ray 600mA machine part and repair within 48 hours from the time of reporting of the fault. Total down time should not exceed 72 hrs in one instance). The bidders who have the capability to ensure the uptime mentioned in this document (Documentary proof shall be submitted on the after sales facilities and expertise of the bidder.)
7. Bids of a firm/company that has been blacklisted by ESIC or blacklisted/debarred by any other State / Central Government's organization or by ESIC in the past shall not be entertained. Affidavit to be submitted by the bidder.
8. Bidders if not a manufacturer, has to submit manufacturer's authorization certificate along with certificate of OEM (Original Equipment Manufacturer) that he will support the after-sale service (i.e. availability of spares, software upgradations and technical support) during warranty and CAMC and in event of change of dealership.
9. Photocopy of latest ITR/PAN No should be enclosed with completed tender.
10. The bidders are required to submit undertakings as per the Performa enclosed on judicial stamp paper of Rs. 10/-.

Note.: Notwithstanding anything stated above, the ESIC reserves the right to assess the Bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the ESI.

11. Samples/Equipment of product offered may be submitted at the time of opening of technical bid before the technical bid evaluation committee. Financial bids of only those products will be opened whose samples qualify as per technical specification by the technical evaluation committee. However, the committee may call for the samples at any point of time or a visit may be arranged at the cost of bidder to see the equipment if it is not feasible to bring it to the hospital.
12. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the ESIC to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the goods to be purchased under this invitation of bids. Affidavit to be submitted by bidder
13. Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency.
14. The bidder should have the certificate from AERB or CE/FDA for the machine to be applied for with valid proof to be uploaded along with application.

B -ELIGIBILITY CRITERIA FOR COMPUTED RADIOGRAPHY SYSTEM

The tenders submitting the bids under the tender shall have the following mandatory qualifications: -

1. Manufacturers or their authorized dealers of Computed Radiography System who have a place of business in any of the States of India are eligible to participate in this tender.
2. The authorized dealer/ manufacturer of the Computed Radiography System should be in the business of the supply and installation of said Computed Radiography System for the last five calendar years. (i.e. Jan 2014-Dec 2018) valid proof to be uploaded along with the application.
3. The manufacturer/ Authorized Dealers should have previously completed at least three satisfactory installations Computed Radiography System Govt. / Pvt. Institutions / Hospitals in India in last 05 years. The installations mentioned by the manufacturer in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer. Three separate installation and work performance certificates for each machine are required.
4. The firm should be registered with GST department. Valid proof to be uploaded along with the application. The bidders/firms duly registered under GST will only be eligible to participate in the tender.
5. The Bidder (manufacturer or their authorized agent) should have had Annual financial **turnover of Rupees One Crore & Fifty Lacs (Rs.1.5 Crore)** during the three preceding financial years 2014-2015, 2015-2016, 2016-2017. Auditor report along with Audited financial statements by CA of preceding three financial years should be uploaded with the bid.
6. Bidders should have the capability to attend repairs of the Computed Radiography System within 24 hrs and replace the faulty Computed Radiography System part and repair within 48 hours from the time of reporting of the fault. Total down time should not exceed 72 hrs in one instance). The bidders who have the capability to ensure the uptime mentioned in this document (Documentary proof shall be submitted on the after sales facilities and expertise of the bidder.)
7. Bids of a firm/company that has been blacklisted by ESIC or blacklisted/debarred by any other State / Central Government's organization or by ESIC in the past shall not be entertained. Affidavit to be submitted by the bidder.
8. Bidders if not a manufacturer, has to submit manufacturer's authorization certificate along with certificate of OEM (Original Equipment Manufacturer) that he will support the after-sale service (i.e. availability of spares, software upgradations and technical support) during warranty and CAMC and in event of change of dealership.
9. Photocopy of latest ITR/PAN No should be enclosed with completed tender.
10. The bidders are required to submit undertakings as per the Performa enclosed on judicial stamp paper of Rs. 10/-.

Note.: Notwithstanding anything stated above, the ESIC reserves the right to assess the Bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the ESI.

11. Samples/Equipment of product offered may be submitted at the time of opening of technical bid before the technical bid evaluation committee. Financial bids of only those products will be opened whose samples qualify as per technical specification by the technical evaluation committee. However, the committee may call for the samples at any point of time or a visit may be arranged at the cost of bidder to see the equipment if it is not feasible to bring it to the hospital.
12. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the ESIC to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the goods to be purchased under this invitation of bids. Affidavit to be submitted by bidder
13. Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency.
14. The bidder should have the certificate from AERB or CE/FDA for the machine to be applied for with valid proof to be uploaded along with application.

C. ELIGIBILITY CRITERIA MOBILE C-ARM IMAGE INTENSIFIER

The tenders submitting the bids under the tender shall have the following mandatory qualifications:-

1. Manufacturers or their authorized dealers of Mobile C-arm Image Intensifier who have a place of business in any of the States of India are eligible to participate in this tender.
2. The authorized dealer/ manufacturer of the Mobile C-arm Image Intensifier should be in the business of the supply and installation of said Mobile C-arm Image Intensifier for the last five calendar years. (i.e. Jan 2014-Dec 2018), valid proof to be uploaded along with the application.
3. The manufacturer/ Authorized Dealers should have previously completed at least three satisfactory installations Mobile C-arm Image Intensifier in Govt. / Pvt. Institutions / Hospitals in India in last 05 years. The installations mentioned by the manufacturer in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer. Three separate installation and work performance certificates for each machine are required.
4. The firm should be registered with GST department. Valid proof to be uploaded along with the application. The bidders/firms duly registered under GST will only be eligible to participate in the tender.
5. The Bidder (manufacturer or their authorized agent) should have had Annual financial **turnover of Rupees One Crore & Fifty Lacs (Rs.1.5 Crore)** during the three preceding financial years 2014-2015, 2015-2016, 2016-2017. Auditor report along with Audited financial statements by CA of preceding three financial years should be uploaded with the bid.
6. Bidders should have the capability to attend repairs of the Mobile C-arm Image Intensifier within 24 hrs and replace the faulty Mobile C-arm Image Intensifier part and repair within 48 hours from the time of reporting of the fault. Total down time should not exceed 72 hrs in one instance). The bidders who have the capability to ensure the uptime mentioned in this document (Documentary proof shall be submitted on the after sales facilities and expertise of the bidder.)
7. Bids of a firm/company that has been blacklisted by ESIC or blacklisted/debarred by any other State / Central Government's organization or by ESIC in the past shall not be entertained. Affidavit to be submitted by the bidder.
8. Bidders if not a manufacturer, has to submit manufacturer's authorization certificate along with certificate of OEM (Original Equipment Manufacturer) that he will support the after-sale service (i.e. availability of spares, software upgradations and technical support) during warranty and CAMC and in event of change of dealership.
9. Photocopy of latest ITR/PAN No should be enclosed with completed tender.
10. The bidders are required to submit undertakings as per the Performa enclosed on judicial stamp paper of Rs. 10/-.

Note.: Not withstanding anything stated above, the ESIC reserves the right to assess the Bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the ESI.

11. Samples/Equipment of product offered may be submitted at the time of opening of technical bid before the technical bid evaluation committee. Financial bids of only those products will be opened whose samples qualify as per technical specification by the technical evaluation committee. However, the committee may call for the samples at any point of time or a visit may be arranged at the cost of bidder to see the equipment if it is not feasible to bring it to the hospital.
12. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the ESIC to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the goods to be purchased under this invitation of bids. Affidavit to be submitted by bidder
13. Government-owned enterprises may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency.
14. The bidder should have the certificate from AERB or CE/FDA for the machine to be applied for with valid proof to be uploaded along with application.

TERMS AND CONDITIONS OF THE CONTRACT

1. The ESIC Model Hospital Noida reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidders.
2. Bidder's capability to perform the contract:
 - a) The ESIC, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the bidder, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily.
 - b) The above-mentioned determinations will inter-alia take into account the bidder's financial, technical and production capabilities for satisfying all the requirements of the ESIC as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the bidder in its tender as well as such other allied information as deemed appropriate by the ESIC.

3. Patent Rights

The supplier shall, at all times, indemnify and keep indemnified the ESIC, free of cost, against all claims which may arise in respect of X-Ray 600mA machine/Computed Radiography System / C-arm Image Intensifier & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the ESIC, the ESIC shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the ESIC.

4. Country of Origin

- a) X-Ray 600mA machine/ Computed Radiography System machine / Mobile C-arm Image Intensifier and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- b) The country of origin may be specified in the Price Schedule.

5. Assignment

- a) The Supplier shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the ESIC's prior written permission.

6. Sub Contracts

- a) The Supplier shall notify the ESIC in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.
- b) Sub contract shall be only for bought out items and sub-assemblies.
- c) Sub contracts shall also comply with the provisions of "Country of Origin"

7. Bidder might be required to demonstrate the system/ equipment at the discretion of the ESIC.

8. **Duty Free Clearance, Transportation, Forwarding & Handling Charges:** Clearance charges at point of Entry / Air Port and on ward transportation charges with Insurance up to mentioned locations will be borne by supplier's Indian Agent for which this ESIC will not pay the charges.

9. Guarantee/Warranty Terms:

- a) The successful Bidder has to warrant that the X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- b) The successful Bidder further have to warrant that the X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier supplied under this Contract shall have no defect arising from design, materials or workmanship.

- c) The X-Ray 600mA machine/computed Radiography System /Mobile C-arm Image Intensifier including the accessories supplied as per the technical specification as mentioned in the bidding document should carry comprehensive warranty (including all spares, accessories and consumables) for a period of five (05) Years. During this period, the successful Bidder shall replace all defective parts / accessories / consumables and attend to all repairs/break downs and undertake stipulated number of preventive maintenance visits to user installation site. The cost of spare parts for all replacements has to be borne by the successful Bidder during the period of comprehensive warranty.
- d) Bidders should attend repairs of the X-Ray 600mA machine, computed Radiography System/ Mobile C-arm Image Intensifier within 24 hrs and replace the faulty X-Ray 600mA machine/computed Radiography System/Mobile C-arm Image Intensifier part and repair within 48 hours from the time of reporting of the fault. Total down time should not exceed 72 hrs in one instance).
- e) The prospective Bidder, who is not a manufacturer, shall submit an undertaking from the Original Manufacturers (OEM) of X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier that they are willing to provide **spare parts** for the period of warranty as mentioned and also during the additional CMC/AMC period, if awarded. The OEM shall also assure continuity of service to their product, in the event of change in dealership or the Bidders – their existing dealers - couldn't provide service during the warranty / CAMC period. **The undertaking from OEM is an essential document forming part of the Technical Bid, without which the tenders will be rejected summarily in the first round itself.**
- f) After sales service center in Delhi/NCR should be available as part of the pre-qualification and the Bidder shall provide proof of their capability to undertake such maintenance/repair within the stipulated time.
- g) If the successful Bidder, having been notified, fails to rectify the defect(s) within the period specified mentioned in this document, the ESIC may proceed to take such remedial action as may be deemed necessary, at the successful Bidder's risk and cost and without prejudice to any other rights which the ESIC may have against the successful Bidder under the contract.
- h) Failure to attend the repairs in time or failure to attend the stipulated preventive maintenance visit or failure to replace the defective X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier or to provide stand by X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier if the fault/down time exceeds the stipulated period or to ensure the stipulated up-time in a year shall lead to forfeiture of the performance security and/or may lead to blacklisting/debarring of the defaulting Bidder.
- i) Quality assurance test of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier shall be done at free of cost immediately after installation, during the comprehensive warranty period, during the CMC / AMC period, by the demand of User and also when major spares are replaced.
- j) Any mandatory approval required for installation shall be obtained by the successful Bidder in liaison with the respective authorities.
- k) The Bidder shall submit the parameters which require calibration and the frequency of calibration required.
- l) The Bidder shall undertake on-site calibration of the X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier every year as part of the after sales service during the period of comprehensive warranty, CMC/AMC or on demand from the user.
- m) The Bidder shall also have to submit whether periodic replacements of consumable items are required for proper functioning of their quoted machine/ X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier. If yes, they should submit the list of such consumables along with price list and frequency of replacement per year, if the same is not replaced free of cost during warranty / guarantee period.
- n) The offered warranty should include:
 - i). Visits to the user institutions at frequencies prescribed as part of preventive maintenance.
 - ii). Testing & calibration as per technical/service/operation manual of the manufacturer or as

per the period specified or as per the demand of the user.

- iii). Quality Assurance tests (if applicable).
- iv). The cost of labour for all repairs/ replacement of all spares required for replacement during repairs all kinds of accessories, UPS, other spare parts etc, wherever applicable and also other devices supplied along with the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier like stabilizer, UPS, AC, Computer, Monitor, etc, which forms part of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier, without which it cannot perform satisfactorily.
- o) The Bidder shall provide up-time warranty of complete X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier as mentioned in this document, the uptime being calculated on 24 (hrs) X 7 (days) basis failing Warranty period will be extended for every additional day of down time equal to one week.
- P). The installed software should be the latest one for the particular model and all future software updates should be provided free of cost during the Warranty period.

10. Comprehensive Annual Maintenance Contract:

- a) The decision to enter into CMC or AMC will be determined on the basis of cost and complexity of X-Ray 600mA machine/ computed Radiography System/ Mobile C-arm Image Intensifier by Director (Medical Noida), at its discretion, prior to the expiration of warranty period.
- b) The Comprehensive Maintenance Contract (CMC) is otherwise an extended warranty. All the terms and conditions agreed by the successful Bidder for executing the comprehensive warranty of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier shall be extended during the period of CMC, only difference being the payment of CMC charges is absent during the period of comprehensive warranty.
- c) The cost of CMC, accessories and spares, reagents and consumables as in case may be quoted along with GST tax applicable, if any. The GST tax to be paid extra, to be specifically indicated. In the absence of any such stipulation the price will be taken inclusive of GST and no claim for the same will be entertained later.
- d) Failure/refusal on the part of the successful tender supplying/installing the X-Ray 600mA machine /computed Radiography System/ Mobile C-arm Image Intensifier to enter into CMC with the Tender Inviting Authority, at the end of the Comprehensive Warranty Period, if the ESIC, as the case may be, desires so, shall lead to forfeiture of performance security and may also result in the blacklisting/debarring of the Bidder.
- e) The successful Bidder shall also indicate the rates for the CMC in price bid form and such rates are binding on the successful tenders after the expiration of the warranty period. The yearly rates for CMC shall remain the one and the same as quoted in the price bid form for the extended years.
- f) Cost of CMC (excluding taxes, if any) will be considered for Ranking/Evaluation purpose.
- g) The payment of the agreed CMC charges will be made as per frequency for payment after satisfactory completion of said period, on receipt of service report/ break down report from the user.
- h) The Bidder shall also have to submit whether periodic replacements of consumable items are required for proper functioning of their quoted machine X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier, If yes, they should submit the list of such consumables along with price list and frequency of replacement per year.

11. Time Limits prescribed

Sl. No	Activity	Time Limit
a.	Installation & Delivery period	6 weeks from date of issuance of Supply Order
b.	Comprehensive warranty period	5 years from the date of successful Installation.
c.	CMC period	5 years after expiry of the 5 years warranty
d.	Frequency of visits to User Institution during Warranty/CMC	One visits every three months (4 visits in a year) for periodic/preventive maintenance and any time for attending repairs/break down calls.
e.	Frequency of payment of CMC charges	Every six months after completion of the Period.
f.	Submission of Performance Security and entering into contract	10 days from the date of issuance of Letter of Intent
g.	Maximum time to attend any Repair call	Within 24 hours.
h.	Uptime in a year during warranty as well as during CAMC period.	95% of 365 days.

12. Discrepancies in Prices:

- a). If, in the price structure quoted by a bidder, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the ESIC feels that the bidder has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
 - b). If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
 - c). If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 13a and 13b above.
 - d). If, as per the judgment of the ESIC, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the bidder by registered / speed post. If the bidder does not agree to the observation of the ESIC, the tender is liable to be ignored
- 13. Comparison of Tenders:** The comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation.
- 14. Non-receipt of Performance Security and Contract by the ESIC/Consignee:** Failure of the successful bidder in providing performance security and / or returning contract copy not duly signed shall make the bidder liable for forfeiture of its EMD.
- 15. Return of E M D:** The earnest money of the successful bidder and the unsuccessful bidders will be returned to them without any interest.
- 16.** Firm have to provide a minimum **UPTIME GUARANTEE** of 95% (95% of 365 Days) per year during the warranty period as well as during the Comprehensive Annual Maintenance Contract.
- 17.** While calculating the total unit price of the item / system to be procured, expenditure to be incurred in maintenance of the quoted item / system including all spare parts for a total period of 5 years after expiry of the warranty period of 5 years shall also be taken into consideration. Accordingly, it is mandatory for the bidders to submit the rate for Comprehensive Annual Maintenance Contract (with spares) for a minimum period of 5 years after the expiry of warranty period of 5 years.
- 18.** Indian agency commission and Installation charge if any will be paid in Indian rupees after successful installation and demonstration of the X-Ray 600mA machine /computed Radiography System / Mobile C-arm Image Intensifier.
- 19.** Proof of the official Indian agent certificate of the firm must be attached. (Notary Certified Photocopy)
- 20.** In order to fully and optimally utilize the X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier, training to Para Medical Staffs and Doctors should be provided. All the financial commitments in this regard shall be met by the bidder(s).
- 21.** Bidder(s) have to submit an affidavit to the effect that they have not supplied the offered item(s) to any Govt., semi Govt. / Pvt. Organization, Institution, Nursing Home etc. at the price lower than the price offered to ESIC Model Hospital Noida in last one year from the date of publishing of this tender.
- 22.** All the claims regarding meeting the specifications shall be duly supported by appropriate, latest technical catalogues/brochures from the manufacturer. Simply stating that the X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier meets the specifications is not sufficient and any such quotations will be summarily rejected. Computer printed documents or Photostat copy or laser printouts will not be accepted as technical catalogues / brochures.

23. Performance Security

- a) There will be a performance security deposit amounting to 10 % of the total value of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier including taxes, which shall be submitted by the successful bidder within 10 days from the date of issuance of "Letter of Intent" to the Director (Medical) Noida of ESIC Model Hospital Noida.
- b) On acceptance of the tender, within the period specified by the ESIC, the successful tenderer/contractor shall deposit a sum equivalent to 10% of the total cost incl taxes of each and individual equipment rounded off to the nearest thousand as security deposit, for due compliance and fulfillment of the terms and conditions of the contract. This has to be in the form of a Bank Draft/Demand Draft, drawn in any of the nationalized bank. No cheques will be accepted for this purpose.
- c) Upon receipt of such contract and the performance security, the ESIC shall issue the Supply Orders containing the terms and conditions for the execution of the order.
- d) Failure of the successful bidder in providing performance security as mentioned above and / or in returning contract copy duly signed in time shall make the bidder liable for forfeiture of its EMD.
- e) The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below.
- f) It shall be in any one of the forms namely Account Payee Demand Draft or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in this document endorsed in favour of the ESIC.
- g) ESIC will release the Performance Security without any interest to the successful bidder on completion of the successful bidder's all contractual obligations including the warranty obligations & after receipt of certificates confirming that all the contractual obligations have been successfully complied with.
- h) If the contractor fails in fulfilling the terms and conditions mentioned in the tender, such failure will constitute a breach of the contract and the ESIC shall be entitled to make other arrangements at the risk and expense of the contractor. Also non performance/unsatisfactory performance or violation of terms and conditions of the contract will make the contractor liable for forfeiture of Security deposit. The decision of the ESIC shall be final and binding on this count.

24. Delivery period: - Delivery period for supply of items would be six weeks from the effective date of issue of the supply order. Please note that Contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the D(M)N, with applicability of LD clause.

In case, ESIC does not receive supply of the equipments by due or extended date of delivery, the Supply order shall stand cancelled, unless extension is sought for and granted by the Competent authority for the late supply otherwise EMD will be forfeited. That extension will be sole discretion of D(M)N and extension shall not be construed as a right by the bidder.

25. Liquidated Damage: -

In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier are conduct trails, installation of X-Ray 600mA machine/computed Radiography System / Mobile C-arm Image Intensifier & training, etc. as specified in this contract, the Buyer may at his discretion, withhold any payment until the completion of the contract. The Buyer may also deduct from the Seller as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered, stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher that 10% of the value of delayed stores.

That in case the supplier fails to deliver the goods in time, ESIC will be entitled to obtain the goods from open market as per rules at reasonable cost which will be recovered from the supplier either from security deposit or otherwise as per law.

- 26. Payment:** -Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms and conditions of contract in the following manner. Payment shall be made in Indian Rupees as specified in the contract in the following manner:
- a) On delivery and installation: -**
- i. 90% payment of the contract price shall be paid on successful installation and commissioning of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier in good condition and upon the submission of the following documents:
 - ii. Four copies of supplier's invoice showing contract number, description, quantity, unit price and total amount for X-Ray 600mA machine /computed Radiography System / Mobile C-arm Image Intensifier.
 - iii. Consignee Receipt Certificate in original issued by the authorized representative of the consignee;
 - iv. Two copies of packing list identifying contents of each package;
 - v. Inspection certificate issued by the nominated person/committee/agency, if any.
- b) On Acceptance: -** Balance 10% payment would be made against 'Final Acceptance Certificate' of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier to be issued by the consignee subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.
- c) Payment will be released within 30 days subject to fulfillment of conditions in clause (a) and (b) above.**
- 27. Validity of Price:-** Minimum up to one year from date of tender submission and it should be extendable.
- 28. Part Supply:** No part supply/ wrong supply or short supply will be accepted by the ESIC Model Hospital Noida. The D(M)N will be the final authority and will have the right to reject full or any part of supply, which is contradictory to the terms and conditions agreed at the time of placement of order. In case of rejection of any supplied items due to nonconformity in quantity and/or quality, ESIC will have right to charge liquidated damages, as it deems fit.
- 29. Spares :-** The spare parts as selected by the ESIC to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; In case the production of the spareparts is discontinued:
- i) Sufficient advance notice to the ESIC before such discontinuation to provide adequate time to the ESIC to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the ESIC, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the ESIC.
 - iii) Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier so that the same are used during warranty and CMC period (minimum 10 years).
- 30. Incidental Services: -** The supplier shall be required to perform following services-
- a) Installation & commissioning, Supervision and Demonstration of the X-Ray 600mA machine & computed Radiography System machine.
 - b) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
 - c) In order to fully and optimally utilize the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier, training to paramedical staff and Doctors should be provided (3 weeks over a period of 3 months). All the financial commitment in this regard shall be met by the firm/Principal.

d) Supplying required number of operations and maintenance manual for the X-Ray 600mA machine/ computed Radiography System / Mobile C-arm Image Intensifier.

31. Packing & Marking:-X-Ray 600mA machine & computed Radiography System / Mobile C-arm Image Intensifier machine must be securely and adequately packed and protected in order to prevent damage, otherwise all losses and /or damage resulting from inadequate packing and/or inadequate protection or inadequate marking shall be borne by seller/seller's Principal abroad. The supplier shall mark each package on three sides with the following with indelible paint of proper quality: -

1. Contract number and date
2. Brief description of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine including quantity
3. Country of origin of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine
4. ESIC's name and full address
5. Supplier's name and full address

32. Insurance: Insurance up to mentioned locations will be borne / arranged by principal supplier/his Indian Agent. The goods supplied under contract shall be fully insured by the bidder in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in contract.

33. Installation & site plan: Requirement regarding site/location for installation of X -Ray 600mA machine /computed Radiography System/ Mobile C-arm Image Intensifier, if any, should be mentioned in the tender. Time required for installation of system after delivery must be mentioned. In case of delay in installation ESIC will have right to charge liquidated damage.

Specify the following points for installation of the System: -

- i. Total power consumption along with breakup of main System and Accessories.
- ii. Whether the System needs uninterrupted power supply.
- iii. Maximum tolerated transfer time in case of interruption of power supply.
- iv. Whether the System needs any humidity control device.
- v. Whether the System needs any separate power line/isolation Transformer.
- vi. Does the System need the electrical shielding?
- vii. Whether Air Conditioner is required for the System.
- viii. Does it require special civil works for installation?
- ix. Dimensions of the machine and each pack.

Note.: Machine should be able to fit in to the room (For dimensions of the installation site, see annexure VII) without any major infrastructural alteration, cost of the alteration if any will be borne by supplier. Prospective bidder can inspect the installation site on day of Pre-bid meeting between 10 Am- 01PM.

34. The bidder should also quote for supply of "Un-Interrupted Power Supply" (UPS) with a battery backup of at least 15 minutes, "Constant Voltage Transformer (CVT)" of reputed manufacturer of required capacity along with Spike Suppressor or "Servo Voltage Stabilizer" as per requirement of the System. Bidder may quote the prices for all the above items (UPS/CVT/SERVO VOLTAGE STABILIZER) and the decision will be taken during technical evaluation of the item whether UPS is suitable or CVT / Servo Voltage Stabilizer will serve the purpose (if required for functioning of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine).

35. Responsibility: -The principal as well as its agent will be severally and jointly responsible for ensuring the minimum life span of 10 years for the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine. Both the said principal abroad and his Indian agent will have the full responsibility for the proper functioning of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier within the warranty period and thereafter during the life span.

36. The bidder is required to submit compliance sheet, which should reflect details of clause-by-clause compliance of technical specifications as well as general terms & conditions failing which their offer shall be rejected.

37. Standards:-

The Goods supplied under this contract shall confirm to the standards mentioned in the technical specification, and when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods country or origin and such standards shall be the latest issued by the concerned institution. The bidder shall ensure compliance of the various statutes and Acts in force such as legal Metrology act, 2009 and rules made there under and other standards as provided by *Bureau of Indian Standard, Act,1986*. The Machine *should comply with AERB Rules*.

38. Penalties for non-performance

The penalties to be imposed, at any stage, under this tender are;

- a) imposition of liquidated damages,
- b) forfeiture of EMD/performance security,
- c) termination of the contract,
- d) Blacklisting/debarring of the bidder

39. Termination of Contract

- a) **Termination for default:-** The ESIC, without prejudice to any other contractual rights and remedies available to it (the ESIC), may, by written notice of default sent to the successful bidder, terminate the contract in whole or in part, if the successful Bidder fails to deliver any or all of X-Ray 600mA machine /computed Radiography system/ Mobile C-arm Image Intensifier or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the ESIC.
- b) In the event of the ESIC terminates the contract in whole or in part, the ESIC may procure X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the successful bidder shall be liable to the ESIC for the extra expenditure, if any, incurred by the ESIC for arranging such procurement.
- c) Unless otherwise instructed by the ESIC, the successful bidder shall continue to perform the contract to the extent not terminated.
- d) **Termination for insolvency:** If the successful bidder becomes bankrupt or otherwise insolvent, the ESIC reserves the right to terminate the contract at any time, by serving written notice to the successful bidder without any compensation, whatsoever, to the successful Bidder, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and or will accrue thereafter to the ESIC.
- e) **Termination for convenience:** - The ESIC reserves the right to terminate the contract, in whole or in part for its (ESIC) convenience, by serving written notice on the successful bidder at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the ESIC. The notice shall also indicate inter alia, the extent to which the successful bidder's performance under the contract is terminated, and the date with effect from which such termination will become effective.

40. Force Majeure:-

- (i) Notwithstanding the provisions contained in GCC clauses 21, 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.

For purposes of this Clause "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the **Purchaser** either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the **Purchaser** in writing of such conditions and the cause thereof. Unless otherwise directed by the **Purchaser** in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

41. Fall Clause: The prices charged for X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machines of identical description to any other persons during the period of contract. If any time, during the contract, the bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the ESIC and the price payable under the contract of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machines supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

42. Resolution of disputes :-

The **Purchaser** and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

43. Applicable Law & Jurisdiction of Courts

- a) The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.
- b) All disputes arising out of this tender will be subject to the jurisdiction of courts of law in New Delhi
- c) If the bidder fails in fulfilling the terms and conditions mentioned here in different parts of this tender document, such failure will constitute a breach of the contract and the ESIC shall be entitled to make other arrangements at the risk and expense of the contractor. Also, non- performance / unsatisfactory performance or violation of terms and conditions of the contract will make the contractor liable for forfeiture of security deposit. The decision of the ESIC shall be final and binding on bidders.

44. Arbitration

If, after thirty (30) days from the commencement of such informal negotiations, the **Purchaser** and the Supplier have been unable to resolve amicably a dispute or difference arising under these conditions of the tender or any special conditions of the contract, or in connection with this contract, except as to any matter the decision of which is specially provided for by these on the special conditions, the same shall be referred to the sole arbitration as per the provisions of the Arbitration and Conciliation Act, 1996 (As amended in the year 2015). The place of the arbitration will be New Delhi. The Arbitration will be conducted in English language. The award of the arbitrator shall be final and binding on the parties to the present tender enquiry or contract..

45. **Governing Language**

The contract shall be written in English language. Subject to Clause 29, English language version of the Contract shall govern its interpretation. All correspondence and documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

46. **Applicable Law**

The Contract shall be interpreted in accordance with the laws of the Union of India.

47. **Notices**

Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or fascimile and confirmed in writing to the other Party's address specified in Special Conditions of Contract. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

48. **Taxes and Duties**

Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the **Purchaser**. However, Sales tax in respect of the transaction between the **Purchaser** and the Supplier shall be payable extra, if so stipulated in the Notification of Award.

49. **System Integration**

The equipment supplied should be compatible with the HIS system of ESIC at ESIC Model Hospital Noida and it is the responsibility of equipment supplier to provide necessary software and accessories and integrate the equipment with HIS of ESIC.

INSTRUCTIONS TO BIDDERS (GIB)

1. **The contents of Technical Bid (which has to be uploaded online only) should include following items**
 - a. Covering letter indicating the list of enclosures.
 - b. EMD in accordance with instructions as above.
 - c. Name and detailed specifications of the quoted X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier.
 - d. Name and detailed specifications of essential accessories if any.
 - e. Warranty Offered 5 Year/s
 - f. User list – List of Institutions where the said X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine is installed.
 - g. Authority letter from manufacturer/ authorized dealer if applicable.
 - h. Name and address of nearest authorized service center in Delhi NCR
 - i. Catalogue of X-Ray 600mA machine/computed Radiography system/ Mobile C-arm Image Intensifier showing the make/model no and specifications
 - j. Certificate that the quoted items has not been and are not being supplied to any other organization at a rate lower than being quoted here, in the current financial year.
 - k. Certificate about satisfactory performance of X-Ray 600mA machine/computed Radiography system/ Mobile C-arm Image Intensifier duly authenticated by other existing users of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier .
 - l. Certificate that the spares of the quoted X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine will be made available at least for 05 years after the installation
 - m. Declaration/ undertaking on stamp paper as per the Annexures enclosed.
2. **The contents of price Bid (which has to be uploaded online only) should include following items:**
 - a. Each and every page of the quotation be separately numbered and duly signed. Only Technical bid (Unpriced bid) will be opened first and shall be referred for the Technical Evaluation. The price bid of only those bidders whose technical bid is found acceptable by the competent authority will be opened for further action.

- b. Price and **GST** must be quoted separately. The price should be all inclusive lump sum including cost of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine, freight, insurance, transit insurance, packing forwarding etc. and including charges for installation and commissioning with all the men and material required for the same and for the quoted warranty period.
 - c. Format of rates quoted in price bid for AMC and CAMC minimum for 5 years after expiry of warranty.
 - d. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid **GST**. The rates quoted in ambiguous terms such as “Freight on actual basis” or “Taxes as applicable extra” or “Packing forwarding extra” will render the bid liable to rejection.
 - e. The price should be quoted in I.N.R.
 - f. For X-Ray 600mA machine/computed Radiography system/ Mobile C-arm Image Intensifier where consumables, etc. are required. The price bid must include: A) Rate list indicating the prices and packing prevalent on date of tendering, B) List indicating cost and life of consumables
 - g. Rates for AMC and CAMC minimum for 5 years after expiry of warranty
 - h. The list of parts/spares/disposables/consumables or any items which are not included in the CMC should be mentioned in the Price bid along with the price, otherwise it will be understood and treated as all the parts regardless, whether is disposable/consumable/or any parts, would be replaced under the CMC, without any extra charges.
 - i. In case the price quoted cannot be matched with the item/s quoted in technical bid the bid shall be liable to be rejected
- 3.** The bidder is required to submit compliance sheet, which should reflect details of clause-by-clause compliance of technical specifications as well as general terms & conditions failing which their offer shall be rejected.
- 4.** All bidders are requested to check further notifications/ updates/corrigendum's if any, on ESIC website- www.esic.nic.in. & ESIC e-Procurement portal- <https://esictenders.eproc.in>

TECHNICAL SPECIFICATIONS FOR X-RAY MACHINE OF 600 mA or more-A

A high-frequency radiography system suitable for general radiography.

1. High frequency generator:

- a. Microprocessor controlled high frequency x-ray generator should be of latest technology with constant output.
- b. Output 50 kW or more.
- c. KVp range 40 kV - 150 kV.
- d. Output of 100 to 600 mA (or more).
- e. It should have automatic exposure control (AEC).
- f. It should have over loading protection.

2. X-ray tube:

- a. The x-ray tube having rotating anode (minimum 2800rpm) and must have dual focus.
- b. Focal spots of the following sizes: Large Focus: 1 mm, Small Focus: 0.6 mm.
- c. Tube loading for small focus and large focus should be at least 30 kW for small focus and at least 50 kW for large focus.
- d. Anode heat storage capacity should be at least 200 kHU or more.
- e. Inbuilt overload indicator and functional overload protection to be provided.
- f. A high speed rotor accelerator (starter) is preferable.
- g. It should preferably have latest technology of flat electron emission for optimized focal spot intensity distribution and grid-controlled micro focus mode for improved resolution.
- h. Automatic centring and/or positioning devices and focus to detector distance readout device should preferably be present.
- i. Variable source to image distance (SID)—150 cm or more in vertical position and 180 cm or more in horizontal position.
- j. Field size programming should be possible. Automatic multileaf collimator having halogen lamp/bright light source, with auto shut off provision of the light, should be available.

3. Controls :

A very compact Touch Control Panel having following functions and indications should be provided. The panel should be supplied in Floor mount with Spill Proof Design.

- Machine ON/OFF Switch.
- Digital Display of KV & mAs.
- KV & mAs increase and decrease switches.
- Tube focal spot selection switch.
- Ready and X-ray ON switch with Indicators.
- Bucky selection switch.
- Self diagnostic programme with Indicators for Earth fault error, KV error, Filament error & Tube's Thermal overload.
- Anatomical Programming Radiography (i.e. APR) should have Pre-programmed parameters of human anatomy up to

216 programs which helps the user to select exposure parameters based on body parts, examination view and size of patient.

-A dual action hand switch with retractable cord should be provided for Radiation Protection of operator. There should be provision of auto shut off of controls if no key is pressed for >10 min.

4. Radiographic table (horizontal Bucky table):

- a. Compact floor mounted Bucky table with adjustable height and floating top.
- b. Carbon fiber or equivalent table top with low attenuation and scratch resistant surface.
- c. System should have motor driven longitudinal, vertical and horizontal table top movements.
- d. Table should have angulations from longitudinal to head down positions (vertical +90 degrees to Trendelenburg -20 degrees).
- e. Foot switches for adjusting height, longitudinal/side to side movements, locking, and light adjustment.
- f. Grid movement and facility of removable grid should be available. Should have a grid ratio of 12:1 or more.
- g. Automatic exposure control should be available.
- h. Automatic cassette sensing and collimation is preferable.
- i. Patient fixing belts and compression device (for performing excretory urography, etc.).

5. Vertical Bucky:

- a. Counterbalanced, adjustable height, wall and floor mounted, vertical Bucky.
- b. The system should preferably have automatic tube tracking and positioning.
- c. SID must be 1000 mm to 1800 mm to cover full range of radiographic application including chest radiography.
- d. Automatic exposure control.

6. Tube Stand:

-Floor to Ceiling Stand with Counter balanced Tube Head (Rotatable ± 180 Degree), 360 degree Rotatable; mounted on Floor ceiling rails for convenient movement should be provided.

POWER REQUIREMENTS : The unit should be operable on 3 Phase, 440 Volts AC 50Hz with line resist less than 0.4 Ohms. Line regulation $\pm 10\%$.

OTHER REQUIREMENTS :

- The unit should be approved by AERB. Full Installation of the X-ray machine and Functional Certification from regulatory authority will be the responsibility of the supplier.
- The manufacturer company should have a local Service center in NCR with trained engineers (Mentioned complete address with landline phone No.)
- The company should have proven track record in Govt. Sector.
- Performance certificate quoted model.
- Warranty : Of entire system for Two years or more.
- CMC : If warranty is for two years than 8 years CMC must be provided to cover complete system. So that total period of maintenance contract should be 10 years.
- Rates of CMC should be quoted after expiry of warranty.
- Should be compatible with flat panel radiography.

TECHNICAL SPECIFICATION FOR CR SYSTEM-B

**Should be of latest configuration for generating digital x-ray films.
It should be Single Loading CR system.**

IMAGE READER SYSTEM(Digitizer system)

- The system should be single loading computed radiography system, compatible for general radiography.
- The system should have the capability to process at least 60 plates per hour of largest size 14x17 inches.
- The initial film preview time should be less than 50 seconds for cassette size of 14x17
- **Should have the following sizes of image plates and compatible cassettes.**
 - a) 35 cm x 43 cm or (14"x17") : 3nos**
 - b) 24 cm x 30 cm or (10"x12") : 3nos**
 - c) 20 cm x 25 cm or (8"x10") : 3nos**
- Should have at least 17" LCD/TFT Medical Grade Display to view images of resolution 2 Megapixel.
- Should be possible to take print outs directly. Mechanism for printing Multiple Images in one film, with the possibility of slide and true size printing
- Should have a protocol for verifying the connectivity status of configured image destinations.
- Should have Customizable Graphic User Interface.
- Should be capable to store more than 5000 images.
- Indication of Over Exposure on the preview module.
- Capability of interfacing to HL7, Non-HL7, DICM Work list or-user defined, Windows/DOS /Linux based interface protocols to HIS/RIS.
- Customizable Graphic User Interface (GUI) in Identification station with facility of selecting DICOM print & Storage destination
- Mechanism for User release from Preview terminal in case of Auto-routing Images to Pre-defined DICOM Destinations.
- Solution for storing patient demographic data for multiple exams in RIS/non RIS environment.
- It should be possible to put a custom configurable data field in the demographic information of the patient linked with the image.
- CD and DVD Burner.
- Various image-processing protocols should be available for the respective regions of the body.
- Built in routine for using predefined image processing parameters for image quality enhancement.
- Mechanism for storing the Patient image based on name, date, exam, etc.
- Capability of storing user defined image processing parameters.
- Capability of overwriting predefined image parameter with user-defined parameters & storing these two images separately.
- Manual correction typographically in Patient Demographic module, in case of any problem with RIS connection.
- Capability of changing W/L, Flipping, Rotating, Zooming, Collimating Annotating incoming image

II DRY LASER IMAGER SYSTEM

- a Should be a dry Chemistry Laser camera with a resolution of 500 dpi or more.
- b Should have a gray scale resolution of at least 14 bits.
- c Capable of Printing Images in DICOM 3.0 format or newer version.
- d Should have two online universal trays and have mechanism to print images of minimum 2 film sizes simultaneously.

III OTHER

Should supply an On-Line Uninterrupted power supply of suitable capacity with minimum 30 min battery backup for the workstation.

The imager should support daylight loading of films.

- The availability of above-mentioned features and technical specification must be substantiated with authentic published documents from manufacturer or regulatory bodies.
- Imaging reader system and dry imager system should be from the same manufacturer.
- The successful bidder will have to ensure onsite training of end users.
 - Should provide Warranty for 02 yr and then CMC for 08 years.

Mobile C-arm Image Intensifier- C

C Arm Specifications

A X-RAY GENERATOR

Frequency : 40 KHz or better

Power output : 2 KW or more

KV range : 40-110 KV or better

mA in radiography : 20mA or more

mA in fluoroscopy : 0.1 to 4 mA or more in normal fluoroscopy and 12 mA or more in High Level Fluro

Should have facility for continuous fluoroscopy and Pulse fluoroscopy (Pulse rate upto 8 pulse per second)

Should have Digital Spot for high quality single image, 16 mA or more

Housing heat capacity of minimum 700 KHU and cooling rate of more than 12,000 HU/min

B X-Ray tube Head

Must have anode heat capacity of min 70,000 HU & cooling rate of min 35,000 HU/Min

Should have dual focal spots

Collimation : motorized iris and motorized rotating blades

Tube assembly filtration of 3.0 mm Al or higher

C C-Arm mechanism and control panel (digital work station)

Locks for stabilization at desired position

It should have the following range of movements:

Motorized vertical movements more than 400mm

Horizontal travel : 200mm or more

Orbital movement : (-) 30 deg. To (+) 90 Deg. (120 Deg. Or more)

Swing / panning movement : +/- 12 degrees or more

Source image distance : 950 mm or more

Depth of c-arm : 650 mm or more

D Control panel (Digital work station)

It should have the following facilities:

System should have capability of Pulse Fluoroscopy option to reduce to radiation exposure with 1,2,4,8 pulse

per second, which should be easily user selectable

Fluoroscopy and Radiography exposure on switching

Image rotation from control panel

Image intensification, mode selection (normal and zoom)

Automatic brightness stabilizer

Auto dose rate control

Collimation for radiography

E Integrated image processing, recording and memory system :

a Image intensifier tube

Input diameter 9" with Triple field (9/6/4)

Minimum central resolution (at monitor) : 2.0 lp/mm or better at 9" FOV

b CCD camera

CCD camera with 1kx1k resolution for high resolution image acquisition

C Integrated image processing, memory and recording system should have

Medical Grade Monitors (Two Nos.)

Min 18 inch or more , black and white, flicker free, high resolution (1280x1024 pixels or

better), medical grade flat screen TFT, automatic and manual control of brightness and contrast, mounted on

mobile trolley with locking device.

Memory to save images min 10,000 images which can reviewed immediately in OT.

F Digital image processor

Provision to record multiple images on CD,DVD& USB with embedded DICOM viewer.

Image processing at 1K * 1K Matrix

Contrast enhancement, edge enhancement, zoom facility

Recursive filter for detecting motion

Last image hold

Image rotation, vertical and horizontal reversal

Medical imaging software's with ability to store 10,000 images or more in hard disk

DICOM option

G Additional features

The equipment should work on a Power supply of 220-240 Volts, 50-60 Hz, 15 amp.

Built in UPS to protect & save patient data.

Lead Aprons with all round protection – 04

Lead Aprons with front protection- 06

Thyroid shield – 10

H Regulatory / Safety Requirement

Equipment should have AERB Type Approval Certificate for radiation safety

Equipment should have CE for full product with notified body identification number and

US FDA certificate.

1. UPLOADING RELATED INSTRUCTIONS FOR BIDDERS

- 1) All bidders/contractors are required to procure Class-IIIB Digital Signature Certificate (DSC) with both DSC Components i.e. Signing & Encryption to participate in the E-Tenders.
- 2) Bidder should get Registered at <https://esictenders.eproc.in>**
- 3) Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favour of M/s C1 India Pvt. Ltd. payable at New Delhi via Online payment modes such as Debit card, Credit card or Net Banking for participating in the Tender.

Important Instructions for Bidders regarding Online Payment

All bidders/contractors are required to procure Class-III B Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the E- Tenders.

Bidders should get Registered at <https://esictenders.eproc.in>.

Bidders should add the below mentioned sites under Internet Explorer → Tools → Internet Options → Security → Trusted Sites → Sites of Internet Explorer :

<https://esictenders.eproc.in>

<https://www.tpsl-india.in>

<https://www4.ipg-online.com>

Also, Bidders need to select “Use TLS 1.1 and Use TLS 1.2” under Internet Explorer → Tools → Internet Options → Advanced Tab → Security.

Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as Debit Card, Credit Card or NetBanking for participating in the Tender.

Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

ANNEXURE - J

TENDER APPLICATION / DECLARATION FORM

1	Name of the firm:-		
2	a	Full Postal Address:-	
	b	Cell Phone No.	
	c	Telephone No.:-	
	d	Fax No.	
	e	E-mail address:	
3	Date of Establishment of Firm:-		
4		If your Firm Registered under:-	
	a	The Indian Factories Act:-	
	b	Any other Act, if not, who are the owners (Please give full address):-	
5	Name and Address of your Bankers stating the name in which the Account stands:-		
6	Whether insured against fire, theft, burglary etc. if so, please state the amount and name of company with policy no:-		
7	Total number of Employees:-		
8	Are you in the list of approved contractors of any other organizations / institutions, if any give details (Append extra page if necessary):-		
9	Give details of any Government contracts executed during the last twelve months (Append extra page if necessary):-		
10	Any other information which you consider necessary to furnish:		

Date: -

Place: -

Signature of the bidders:-

Full Name:-

Designation:-
(Office seal of the bidders)

ANNEXURE - II

UNDERTAKING: (To be submitted in non judicial stamp paper of Rs. 10/=)

- I/We ... (Name of authorized Signatory) the undersigned hereby declare and affirm that I/We have gone through the terms and conditions governing the tender and undertake to comply with all terms and conditions.
- The rates quoted by me are valid and binding upon me for the period of validity of the tender.
- That the earnest money of Rs. _____ deposited by me/us vide Banker Cheque/Demand Draft no. _____ Dt. _____ drawn on _____ (Name of the Bank) is attached herewith.
- That I/We authorize Director Medical Noida to forfeit the earnest money deposited by me/us in case of any delay or failure to supply the article within the stipulated time and the items of desired/quoted quality.
- That I/We will be in the position to provide Annual Maintenance Contract/Comprehensive Maintenance Contract (AMC/CMC), spare parts, accessories attached and its consumables for 5 years from the date of satisfactory installation of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier till the AMC/CMC period is over.
- **I Certify that the quoted items have not been and are not being supplied to any other organization at a rate lower than being quoted here, in the current financial year.**
- That there is no vigilance/CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
- That I/We hereby undertake to supply the items as per directions given in supply order within stipulated period.
- That I/We undertake to maintain X-Ray 600mA machine & computed Radiography system to the satisfaction of user during the period of warranty and guarantee.
- I/We have been informed that the Medical Superintendent has the right to accept or reject any or all the tenders without assigning any reason thereof.
- We (Name of firm) undertake that we will provide 4 (Four) preventive service on quarterly basis during the warranty and AMC/CMC period as offered in our tender and any no. of break down calls shall also be attended within 24 hrs. I/We also agree that the payment of AMC/CMC shall be made to me/us on quarterly basis after satisfactory preventive service.

Date: -

Signature of the bidders:-

Place: -

Full Name:-

Designation:-
(Office seal of the bidders)

PRICE BID FOR X-RAY MACHINE 600mA or more- A
 PRICE SCHEDULED FOR X-RAY MACHINE 600mA or more

1	2	3	4	5						6
				Price Per Unit (Rs.)						
Equipment & accessories	Brief description of X-Ray 600 mA machine, Accessories if any Make: Model:	Country of Origin	Qty. Nos.	Ex- Factory/ ex-warehouse/ ex-showroom/off-the shelf	Applicable GST	Packing and forwarding charges	Inland Transportation insurance for a period including 3 months delivery loading/unloading and incidental cost till consignee site	Incidental services including installation & commissioning supervision demonstration and training at consignee site	Unit price at consignee site basic	Total price (at consignee site)
				(A)	(B)	(C)	(D)	(E)	F= (A+B+C+D+E)	Col. 4x col.5(F)= X
X-RAY MACHINE 600mA or more + Accessories			ONE UNIT (1)							

Total quoted price in Rs.....

In words.....

Note:

1. If there is discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warrantee shall be quoted separately as per price scheduled.
3. Bidder is required to upload a document indicating bifurcation of the price of equipment and accessories mentioned in column 1 above. Document is to be uploaded in financial bid only

Place: -

Date: -

Name:

Business Address:

Signature of Bidder:

COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT PRICES SCHEDULE FOR 600 mA X-Ray Machine or more

S. No.	Item name with Description	1 st Yr. (excluding GST)	2 nd Yr. (excluding GST)	3 rd Yr. (excluding GST)	4 th Yr. (excluding GST)	5 th Yr. (excluding GST)	Total Comprehensive Annual Maintenance Contract over a period of five years after expiry of warranty period of five years from the date of successful installation. (Y= C+D+E+F+G)	Gross Total For Evaluation
A	B	C	D	E	F	G	Y	X [of Annexure IV (A)]+Y
1.								

NOTE: The rate of CAMC should be quoted excluding GST

- The rate of Comprehensive Annual Maintenance Contract as mentioned above should cover the Complete System. Complete System should include the basic unit and allied supporting components like UPS, Stabilizer, Computer System, Printer, any other spare etc. to be supplied by the bidder along with basic unit.
- Preventive maintenance visit: *Four Maintenance* visits at regular interval for usual maintenance & supervision, failing which 25% of the contract amount per visit would be deducted as penalty.
- Break down maintenance visit: As & when required
- Response Time: within 24 Hours
- Uptime Guarantee: 95% of 365 days
- The above-mentioned charges should include labour charges for maintenance and breakdown visits per year, spares, accessories and all type of consumables required for the maintenance of the supplied items. If any spares / consumables / accessories etc. are not covered under above-mentioned charges; it should be clearly mentioned with frequency of replacement and with rate. The validity of rate of such items should also be mentioned clearly. What will be the rate of escalation on the quoted rate after expiry of the validity of rate of such item must be mentioned.
- Payment of Comprehensive Annual Maintenance Contract would be made on half yearly basis after completion of work and satisfactory working report. In no case, advance payment is to be considered.

Seal and Signature of the bidder

PRICE BID FOR COMPUTED RADIOGRAPHY- B
PRICE SCHEDULED FOR COMPUTED RADIOGRAPHY

1	2	3	4	5						6
				Price Per Unit (Rs.)						
Equipment & accessories	Brief description of X-Ray 600 mA machine, Accessories if any Make: Model:	Country of Origin	Qty. Nos.	Ex- Factory/ ex-warehouse/ ex-showroom/off- the shelf (A)	Applicable GST (B)	Packing and forwarding charges (C)	Inland Transportation insurance for a period including 3 months delivery loading/ unloading and incidental cost till consignee site (D)	Incidental services including installation & commissioning supervision demonstration and training at consignee site (E)	Unit price at consignee site basic F= (A+B+C+D+E)	Total price (at consignee site) Col. 4x col.5(F)= X1
COMPUTED RADIOGRAPHY + cassettes-35 cm x 43 cm or (14"x17") : 3nos + 24 cm x 30 cm or (10"x12") : 3nos + 20 cm x 25 cm or (8"x10") : 3nos + Accessories if any			ONE UNIT (1)							

Total quoted price in Rs.....

In words.....

Note:

1. If there is discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warrantee shall be quoted separately as per price scheduled.
3. Bidder is required to upload a document indicating bifurcation of the price of equipment, cassettes and accessories mentioned in column 1 above. Document is to be uploaded in financial bid only

Place: -

Date: -

Name:

Business Address:

Signature of Bidder:

COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT PRICES SCHEDULE FOR Computed Radiography System-

S. No.	Item name with Description	1 st Yr. (excluding GST)	2 nd Yr. (excluding GST)	3 rd Yr. (excluding GST)	4 th Yr. (excluding GST)	5 th Yr. (excluding GST)	Total Comprehensive Annual Comprehensive Annual Maintenance Contract over period of five years after expiry warranty period five years from the date of successful installation. (Y= C+D+E+F+G)	Gross Total for Evaluation
A	B	C	D	E	F	G	Y1	X1 [of Annexure IV (B)]+Y1
1.								

NOTE: The rate of CAMC should be quoted excluding GST

- The rate of Comprehensive Annual Maintenance Contract as mentioned above should cover the Complete System. Complete System should include the basic unit and allied supporting components like UPS, Stabilizer, Computer System, Printer, any other spare etc to be supplied by the bidder along with basic unit.
- Preventive maintenance visit: Four Maintenance visits at regular interval for usual maintenance & supervision failing which 25% of the contract amount per visit would be deducted as penalty.
- Break down maintenance visit: As & when required
- Response Time: within 24 Hours
- Uptime Guarantee: 95% of 365 days
- The above-mentioned charges should include labour charges for maintenance and breakdown visits per year, spares, accessories and all type of consumables required for the maintenance of the supplied items. If any spares / consumables / accessories etc. are not covered under above-mentioned charges; it should be clearly mentioned with frequency of replacement and with rate. The validity of rate of such items should also be mentioned clearly. What will be the rate of escalation on the quoted rate after expiry of the validity of rate of such item must be mentioned.
- Payment of Comprehensive Annual Maintenance Contract would be made on half yearly basis after completion of work and satisfactory working report. In no case, advance payment is to be considered.

Seal and Signature of the bidder

PRICE BID FOR MOBILE C-ARM IMAGE INTENSIFIER-C
PRICE SCHEDULED FOR MOBILE C-ARM IMAGE INTENSIFIER

1	2	3	4	5						6
				Price Per Unit (Rs.)						
Equipment & accessories	Brief description of X-Ray 600 mA machine, Accessories if any Make: Model:	Country of Origin	Qty. Nos.	Ex- Factory/ ex-warehouse/ ex-showroom/off- the shelf (A)	Applicable GST (B)	Packing and forwarding charges (C)	Inland Transportation insurance for a period including 3 months delivery loading/ unloading and incidental cost till consignee site (D)	Incidental services including installation & commissioning supervision demonstration and training at consignee site (E)	Unit price at consignee site basic F= (A+B+C+D+E)	Total price (at consignee site) Col. 4x col.5(F)= X2
Mobile C-arm Image Intensifier + Accessories			ONE UNIT (1)							

Total quoted price in Rs.....

In words.....

Note:

1. If there is discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warrantee shall be quoted separately as per price scheduled.
3. Bidder is required to upload a document indicating bifurcation of the price of equipment and accessories mentioned in column 1 above. Document is to be uploaded in financial bid only

Place: -

Date: -

Name:

Business Address:

Signature of Bidder:

COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT PRICES SCHEDULE FOR MOBILE C-ARM IMAGE INTENSIFIER

S. No.	Item name with Description	1 st Yr. (excluding GST)	2 nd Yr. (excluding GST)	3 rd Yr. (excluding GST)	4 th Yr. (excluding GST)	5 th Yr. (excluding GST)	Total Comprehensive Annual Maintenance Contract over a period of five years after expiry of warranty period of five years from the date of successful installation. (Y= C+D+E+F+G)	Gross Total for Evaluation
A	B	C	D	E	F	G	Y2	X2 [of Annexure IV (C)] + Y2
1.								

NOTE: The rate of CAMC should be quoted excluding GST

- The rate of Comprehensive Annual Maintenance Contract as mentioned above should cover the Complete System. Complete System should include the basic unit and allied supporting components like UPS, Stabilizer, Computer System, Printer, any other spare etc to be supplied by the bidder along with basic unit.
- Preventive maintenance visit: Four Maintenance visits at regular interval for usual maintenance & supervision failing which 25% of the contract amount per visit would be deducted as penalty.
- Break down maintenance visit: As & when required
- Response Time: within 24 Hours
- Uptime Guarantee: 95% of 365 days
- The above-mentioned charges should include labor charges for maintenance and breakdown visits per year, spares, accessories and all type of consumables required for the maintenance of the supplied items. If any spares / consumables / accessories etc. are not covered under above-mentioned charges; it should be clearly mentioned with frequency of replacement and with rate. The validity of rate of such items should also be mentioned clearly. What will be the rate of escalation on the quoted rate after expiry of the validity of rate of such item must be mentioned.
- Payment of Comprehensive Annual Maintenance Contract would be made on half yearly basis after completion of work and satisfactory working report. In no case, advance payment is to be considered.

Seal and Signature of the bidder

MANUFACTURER’S AUTHORISATION FORM
(To be submitted by authorized dealers/representatives/importers)

No.

Dated:

To _____

Tender No :
X-Ray 600mA machine & computed :
Radiography System Name

1. We (name of the OEM) are the original manufacturers of the above X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine having registered office at (full address with telephone number/fax number & email ID and website), having factories at _____ and _____, do hereby authorize M/s. _____ (Name and address of bidder) to submit tenders, and subsequently negotiate and sign the contract with you against the above tender no.
2. No company or firm or individual other than M/s. _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We also hereby undertake to provide full guarantee/warranty /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed as the dealers or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive Warranty / Comprehensive Annual Maintenance Contract and to supply all the spares/ accessories / consumables etc. during the said period.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier tendered within the stipulated time.

(Name)
For and on behalf of M/s. _____

Date: _____ (Name of manufacturers)

Place:

Note: This letter of authority should be on the letterhead of the manufacturer signed by a person competent and having the power of attorney of manufacturer.

Annexure VII

Installation & site plan:

Requirement regarding site/location for installation of X-Ray 600mA machine/computed Radiography System/ Mobile C-arm Image Intensifier machine, if any, should be mentioned in the tender. Time required for installation of system after delivery must be mentioned. In case of delay in installation ESIC will have right to charge liquidated damage.

Specify the following points for installation of the System: -	Details to be submitted	Remarks
Total power consumption along with breakup of main System and Accessories.		
Whether the System needs uninterrupted power supply.		
Maximum tolerated transfer time in case of interruption of power supply.		
Whether the System needs any humidity control device.		
Whether the System needs any separate power line/isolation Transformer.		
Does the System need the electrical shielding?		
Whether Air Conditioner is required for the System.		
Does it require special civil works for installation?		

Dimensions of the installation Site :- Door height-2.1 mtr, Door Width-1.2 mtr. Roof height- 3.4 mtr. False ceiling height- 2.6 mtr. Length of room -5.82 mtr, breadth of room- 4.87 mtr
--

CHECK LIST

Sl. No.	Specifications	
1.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 1 for tendered item/items.	
2.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 2 for tendered item/items.	
3.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 3 for tendered item/items.	
4.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 4 for tendered item/items.	
5.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 5 for tendered item/items.	
6.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 6 for tendered item/items.	
7.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 7 for tendered item/items.	
8.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 8 for tendered item/items. (If Applicable)	
9.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 9 for tendered item/items.	
10.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 10 for tendered item/items.	
11.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 11 for tendered item/items.	
12.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 12 for tendered item/items.	
13.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 13 for tendered item/items. (If Applicable)	
14.	Duly Signed & Stamped Documentary evidence as per eligibility criteria no. 14 for tendered item/items.	
15.	Duly Signed & Stamped Copy of Technical Specifications of the Equipment/Equipments offered as per the sequence of Tender document Specifications.	
16.	Duly Signed & Stamped Documentary evidence of EMD Submission for tendered item/items.	

Date: -
Place: -

Signature of the bidder: -

Full Name:-
Designation:-
(Office seal of the bidders41