



भारतीय वन्यजीव संस्थान Wildlife Institute of India

(An Autonomous Institute under Ministry of Environment, Forest & Climate Change, Govt. of India)
पत्रपेटी सं०/Post Box No. 18, चन्द्रबनी, देहरादून/Chandrabani, Dehradun - 248001, उत्तराखण्ड, भारत/ Uttarakhand, INDIA

No. WI/Pur. Cell/21-22/96/80



Dated : 16th Jun 2022

To,

Sub: Quotation for Purchase of X-Ray Machine with Accessories for GIB Campa Project- regarding.

Sir,

The Wildlife Institute of India, Dehradun wishes to procure the X-Ray Machine with Accessories for GIB (CAMPA) Project. The details of the equipment, quantity, specifications and terms & conditions are given below:

S. No.	Description	Qty
1.	Portable X-Ray <ul style="list-style-type: none"> Type of Generator: 2 Pulse, full wave rectified mA (max): 100mA KV Range: 40 to 100 Exposure Time: 05 to 12 sec Collimator: One Manual Timer: Electronic (Micro Controller Based) Display: Digital (mA, mAs & Kvp) Input supply: 230 V, 50 Hz Xray Tube: Stationary Anode Tube stand: Mobile Protection: Tube overload & High Voltage Service centers / servicing available near Jaisalmer and other parts of Rajasthan Warranty period of at least two years X ray machine should be compatible with the CR system 	01 (One)
2.	Lead Apron with Thyroid collar <ul style="list-style-type: none"> 0.25mm or more lead equivalent for Apron 0.50mm Lead equivalency for thyroid collar 	02 (Two)
	1. Technical Requirements - CR system configuration shall include: <ul style="list-style-type: none"> a) Imaging Plates (IP) b) Image reader system c) CR Workstation d) RIS interface e) Remote ID and Preview stations f) Accessories and consumables g) Veterinary software for X-Ray & CR system 	

2. CR Compatible imaging plates following sizes & quantity are required
a) 17" X 14" – 2 Nos.

3. Image reader shall meet the Functional requirements:

- a) Various image-processing protocols available for the respective regions of the body.
- b) IP processing rate should be about 70 plates/hour.
- c) Mechanism for accepting exposed imaging plates without patient demographics, for Casualty/ Trauma workflow requirement.
- d) Mechanism for Re-routing the newly acquired images to the preconfigured CR workstation.
- e) Capability of retrieving (Service Intervention) at least last 10 scanned images, as part of contingency plan.
- f) Capability for quick check of the image and exam data of at least the last 4 imaging plates scanned at the X-ray room.
- g) Protocol for verifying the connectivity status of configured image destinations.
- h) Spatial resolution of the digital image shall be at least 300 pixels per inch for high resolution.

4. Identification and Preview System Functional requirements:

- a) Capability of interfacing to HL7 / Non- HL7 / DICOM Work list or user defined Windows/DOS/Linux based interface protocols to HIS/RIS.
- b) Please specify whether you have tested interfacing with HL-7 DICOM Bridge.
- c) DICOM SOP classes supported should include Basic Grayscale, Basic color print, Presentation LUT SOP Class & Verification SOP Class
- e) Indication of Over Exposure on the preview module.
- f) Mechanism for User release from Preview terminal in case of Autorouting images to Pre-defined DICOM Destinations.
- g) Customizable Graphic User interface (GUI) for Preview terminal.
- h) Solution for storing patient demographic data for multiple exams in RIS/non RIS environment.
- i) It should be possible to put a custom configurable data field in the demographic information of the patient linked with the image.

5. Software System should include the following applications:

Please list all the optional software(s) which are available with you for enhancing the workflow and service in the Digital Radiology environment for the following:

- a) Advanced Processing Software
- b) Application Software
- c) Connecting Software
- d) Visual Output Software
- e) Quality Monitoring Software

The system should include the following SW applications as standard: Full Leg/Full Spine image processing.

- f) Quality Control Software.
- g) Software, which enables to see in the preview terminal the deviation from normal exposure and with the details of the deviation on the CR workstation.
- h) Software masking of the collimation areas.

- i) Special attention should be placed on pediatric applications.
- j) Software for storing images on any DICO 3 (or newer versions) compliant stations.
- k) Software for printing on any DICOM printer. CR Workstation.

6. System configuration requirements:

- a) Accept images from CR Reader without any loss of data.
- b) Capable of Archiving & Printing selected image to a standard DICOM destination in DICOM 3.0 Format.
- c) Storing images in the local disk for pre-defined period.
- d) Mechanism for accepting New Images when local disk is full.
- e) Should include 21" ant glare TFT/LCD colour monitor.
- f) CD/DVD Burner.
- g) 80 GB or more on board storage.

7. Warranty: At Least Two Years

Terms & Conditions:

1. The specifications of the quoted equipment should be strictly as per technical specifications mentioned above.
2. The equipment being quoted should be of Original Equipment Manufacturer (OEM) of reputed company and no non-standard equipment will be accepted by the Institute. The bidder should be an Authorized Distributors of OEM or their authorized dealer in India. An authorization certificate/letter from the OEM or Authorized Distributor to this effect should be attached with the offer, failing which their offer will not be considered by the Institute.
3. The supplier should indicate brand/make and full details of the equipment and submit complete technical specifications, without leaving any scope for ambiguity and must also attach technical information literature, leaflets, catalogues, brochures etc. The supplier must ensure that the quotation submitted is in accordance with the requirements/specifications of WII.
4. Offer should be valid for a period of one month from the date of submission of quotations.
5. **Warranty:** You are required to give a warranty for a period of Two years from the date of satisfactory supply of the equipment. If during warranty period, the equipment supplied fails to give satisfactory performance and found defective, you will rectify the defect within a reasonable time; failing which the equipment should be replaced with new one(s) without any extra cost.
6. **Prices:** You should quote your rates on a fixed price on FOR, Wildlife Institute of India, Chandrabani, Dehradun basis. Agency would be required for its delivery to the Institute. The taxes/GST, if any should be clearly mentioned. The prices should be quoted only in Indian Rupees.
7. The Institution is registered with the Department of Scientific & Industrial Research, New Delhi. Under Central Tax (Rate) / Integrated Tax (Rate) Exemption Certificate in terms of Notification No. 45/2017-Central Tax (Rate)/ No. 47/2017 — Integrated Tax (Rate), Dated 14.11.2017 issued by Ministry of Finance, Department of Revenue of Government of India, the GST is leviable on

the goods thereon at concessional rate, calculated at the rate of 5%. Also, it is certified that the exemption from Central Tax (rate) / Integrated Tax (Rate) claimed under this Notification is required for research only and the goods shall be used for such purpose only by the institution and the institution is not engaged in any Commercial activity.

8. You may submit your rates/offer for the equipment in the following format only. You may use separate sheets, if required.

Sl. No.	Equipment Description and Specifications	Brand/ Make	Model No.	Unit Price (In Rs.)	GST@%	Total Amount	Remarks, if any.

Note: Rates should be quoted only in accordance with the above mentioned table, failing which their offer is liable for rejection.

9. The bidder is required to clearly mention that they agree to all the terms and conditions of this quotation and it should be given on their printed letterhead indicating Sales Tax Registration, FAX, Email, Telephone numbers, etc.
10. Offers of those firms will only be considered by the Institute, whose bids are meeting all the technical specifications/parameters given for the above required equipment. If any of the given specifications/parameters does not meet the required specifications as mentioned above, their offer will not be considered and shall be summarily rejected by the Institute.
11. **Comparison of Rates:** Comparison of Rates shall be made after adding the taxes etc. and given in above Table.
12. **Payment:** 97% payment shall be released on bill basis after entire supply and inspection, acceptance and installation of the equipment in good condition. Balance 3% payment shall be released after completion of warranty/guarantee period OR the said balance 3% payment shall be released against Bank Guarantee/FDR pledged in favour of Director Wildlife Institute of India, Dehra Dun. The same shall be released after successful completion of the warranty period.
13. **Delivery:** Agency would be require to supply the equipment within a period of four weeks from the date of issue of supply order, if placed with your firm.
14. **Penalty:** Penalty @ 0.5% per week will be charged for late supply subject to a maximum of 5% on the amount of equipment which have been supplied late.
15. The above quantity of the equipment are approximate, the same may be reduced or increased at the time of issuing supply order(s), depending upon the requirement of the Institute.
16. The Institute reserves the right to accept or reject any of the quotation straightway without assigning any reasons.

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16. The Institute reserves the right to accept or reject any of the quotation straightway without assigning any reasons.
17. **Last Date of Submission of Quotations:** Quotations in all respect in a sealed cover superscribing **Quotations for "X-Ray Machine with accessories for GIB Campa Project"** should reach the Purchase Officer, Wildlife Institute of India, Chandrabani, Dehradun-248001, Uttarakhand on or before 13 Jul 2022 upto 1700 hrs. The Institute will not accept quotations received late.

Yours faithfully,

Rajiv Mehta
16/6/22

(Rajiv Mehta)
Purchase Officer