



HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED
Procurement Cell

(A Government of Maharashtra Undertaking)

Regd. Office : AcharyaDondemarg, Parel, Mumbai 400 012 (INDIA)

Phone No: 022- 24129320-23 Managing Director :022-24150628 General Manager (Procurement Cell) :022-24100478	Website : http://www.vaccinehaffkine.com E-mail: procurementcell@vaccinehaffkine.com
	No.: 1891 / Haffkine/Procurement Cell/E-131500 mA X-Ray Machine / 2019-20 Date: 31/10/2019

To,
M/S. Allengers Medical Systems Ltd.,
212-213-214, Sector 34-A,
Chandigarh 160022 (India)
E-mail :- tenders@allengers.net

Subject: Supply Order for 500 mA X-Ray Machine

Ref. : 1. Tender No. E-131 /HBPC/PC/500 mA X-Ray Machine /2019-20.
2. Sanction of Tender Approval Committee Meeting Dated 18.07 .2019

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No	Name of the item	Specification of item	Quantity	Unit Rate inclusive of GST(Rs.)	Total Amount (Rs.)
1	500 mA X-Ray Machine Model Mars 50+	As per Annexure I	1	21,00,000.00	21,00,000.00

Total amount in words: Rupees Twenty One Lakhs only.

Location of Factory : M/S. Allengers Medical Systems Ltd., Bhankarpur, Mubarakpur Road, Dcrabassi-140 507, Dist Mohali,Punjab

- Forwarding: Forwarding** Free on Road Destination. i.e. door delivery basis
- Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.
- Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier Machine should be dispatched only after satisfactory Pre-Dispatch Inspection.
- Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai from the Supplier.
- Payment Terms :** 100 % Payment shall be paid on receipt , Complete Installation(acceptance) of Machine in good conditions by the consignee.
- Labelling::** The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed pack in readable Purple or Green Colours.
- Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- Delivery Challan -** Should be sent in the name of consignee in duplicate. It should specify Name of

Equipment / Mfg. by / packing & quantity.

9 **Invoice Copy** - Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai, along with Bill of Entry and Country of Origin Certificate of the consignment.

10 **Other Terms :**

1) **Warranty:** The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare parts for further 8 years.

The Successful tenderer must ensure 100% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended with him 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime/downtime issued by the end user will binding for the supplier.

Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.

2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the written down value of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.

11 **Contract Agreement:** Bidder should submit Contract Agreement on non-judicial stamp paper of requisite value.

Fall Clause

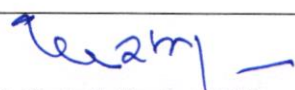
It is a condition of the contract that all through the currency thereof, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below this contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

12 The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs.31500/-** of order value to meet incidental expenditure and 3% i-e **Rs. 63000/-** as Security Deposit in form of Bank Guarantee. This Bank Guarantee should be valid for 8 years after the expiry date of warranty issued by any Nationalized / Scheduled Bank.

Amount to be deposited to Following Account:

Name of Account	Haffkine Bio-Pharmaceutical Corporation Ltd. (Procurement Cell),CESS Account Mumbai.
Name of the Bank & Branch	Canara Bank, Branch-Parel
Account No.	0110201004893
IFSC Code	CNRB0000110

Consignee: As per list enclosed


(DR. Rajesh Deshmukh)
Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.

Copy to: 01) Commissioner Health Services, Mumbai.

2) Director of Medical Education & Research, Mumbai

3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai.

4) Office File.

Copy to: 1) Dean Indira Gandhi GMC & Hospital, Nagpur :- As per Tender Condition No. 17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Written down value of the equipment per year for eight years after completion of warranty period.

Copy Submitted to: 1) Secretary ,Medical Education & Drug Department , Mantralaya ,Mumbai.

Annexure –I

TECHNICAL SPECIFICATIONS OF 500 mA X-Ray Machine.

	Specification
	The offered X-ray generator can be used for routine radiography, Necessary civil changes in the existing area as per AERB norms should be done.
A	Generator:
	1. High frequency
	2. Output 40 KV
	3. KV range 40 KV to 150 KV
	4. Maximum allowed mA 500 mA or more if available. Mention mAs allowed and maximum KV and KV allowed at maximum mAs.
	5. Digital display of selected parameter with ON and OFF magnetic contractor push button switch.
	6. 2 point technique for exposure with hand switch with retractor cord should be provided for radiation protection or operator.
	7. It should confirm to the IS and AERB safety Codes.
	8. Controls: (I) Selection of major KVP. (II) KVP digital display. (III) Minor KVP control and display.
B	X-Ray Tube and Collimator:
	1. The X-Ray tube should be rotating anode high speed, compatible with the generator and must have dual focus. Focal spots of following sizes: Large Focus: 1.2 / 2.0 mm or better Small Focus: 0.6 / 1.0 mm or better Tube with anode heat storage capacity 135 KHU or more. Mention Inherent filtration at least 1 mmAL.
	2. Manual collimator having additional filters (for Dose Reduction) and auto shut provision for the light.
	3. The tube should meet standards BIS / CE and should have AERB and BARC approval.
	4. Tube stand should be either floor or ceiling mounted type with counter balanced tube head, 360 degree rotatable. Electromagnetic locks for the various movements should be provided.
C	X-Ray Table:
	1. It should have floating table top with four way movement. The table top should be made of low radiation absorption material which is waterproof.
	2. Convenient height for the patients to get ON or OFF the table is needed.
	3. Efficient Bucky with superfine grid to produce excellent image quality (grid ratio 10:1 or more with 50 lines per cm grid for SID. better is preferred)
	4. The motorized Bucky should hold all cassette sizes, even 14 X 17. The Bucky movements should cover the entire table length and should have electromagnetic lock.
D	Grid:
	1. Moving Grid

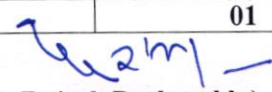
	2. Counter balance Bucky with grid 100 lines per inch and grid ratio 10:1 or better, 100 lines per inch grid for SED.
	3. Electromagnetic lock for Bucky.
E	High Voltage transformer with cables from main appropriate and adequate for the machine should be provided.
F	Essential Accessories:
	The following essential accessories should be provided with the unit.
	1. Vertical Stationary grid with a vertical Bucky stand with corresponding large cassette of CR or conventional as the department needs for spine to program / scanogram / true size imaging.
	2. Chest stand
	3. Lead protection for the fluoroscopy unit, i.e. stray radiation guard.
	4. Four BARC approved Lead aprons, light weight coat type, 0.5 mm lead equivalent.
	5. Standard 2 ton capacity split / window air conditioner of good Quality (5 star rating) two in number.
	6. Stray Radiation protection lead partition with lead glass window.
	7. Voltage stabilizer of required capacity, the capacity and make of the voltage stabilizer should be specified.
	8. Wall mount to hand and store the lead gowns safely.
	9. LCD / LED view boxes of standard quality two and four films capacity, two each.
	<ul style="list-style-type: none"> All system softwares should be latest and should be upgraded to the latest versions and new add on software should be provided during the warranty and CMC period.
	<ul style="list-style-type: none"> AERB approval is a must. All the approval formalities to be completed by the company. CE / BIS approval is needed. Performance certificate of the said machine from Government Medical Colleges in India where this model is installed in the last two years is mandatory.
	<ul style="list-style-type: none"> Regular radiation monitoring as per BARC norms should be done by the company and should be included in the AMC / CMC.
	<ul style="list-style-type: none"> THE COMPANY SHOULD FACILITATE THE ELORA RESISTRATION OF THE MACHINE ALONG WITH THE DEPARTMENT CO OPERATION AND BARE THE COST OF THE SAME.
	<ul style="list-style-type: none"> Cabling if required should be provided by the company.
	<ul style="list-style-type: none"> Warranty / CMC: five years each including the machine, X-Ray tube and all the supplied items along with air conditioners.
	<ul style="list-style-type: none"> All the system softwares should be latest and should be upgraded to the latest version and new add on software should be provided during the Warranty and CMC period.
	<ul style="list-style-type: none"> The uptime for the machine should be less than 24 hours. Escalation matrix for the maintenance and repairs of all components should be provided at the time of installation and should be upgraded and informed every three months.
	<ul style="list-style-type: none"> USFDA or CE from notified body.
	<ul style="list-style-type: none"> Whereas required the buyback should be done and price should be quoted separately.

Consignee Details

Consignee List for 500 mA X-Ray Machine

PO Reference No. 189/ /HaffkineProcurement Cell /E-131 Date 31/10/2019

Sr. No.	Hospital Names	Qty.
01	Dean, Indira Gandhi G. M. C & Hospital, Nagpur	01


 (DR. Rajesh Deshmukh)
 Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.
 (Procurement Cell), Mumbai.