



HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED
Procurement Cell
(A Government of Maharashtra Undertaking)
Regd. Office : Acharya Donde Marg, 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.: 634 / Haffkine/Procurement Cell/E-176/Mobile X-Ray Unit / 2018-19 Date: 19.11.2018

To,

M/s. Allengers Medical Systems Ltd.
S.C.O. 212-213-214, Sector, 34-A
Chandigarh U.T. 160 022

E-mail: govt@allengers.net, tenders@allengers.net, allengers.ho@allengers.net

Sub: Supply Order for Mobile X-Ray Unit.

Ref.: 1 Tender No. E-176 /HBPCL/PC/Mobile X-Ray Unit/2017-18.

2 Sanction of Tender Approval Committee Meeting Dated 23.08.2018

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.) and all other Taxes.	Total Amount Rs.
1.	Mobile X-Ray Unit. Model : MARS -30/ CBM.	As per Annexure I	07	11,00,000/-	77,00,000/-
Total amount in words: Rupees Seventy Seven Lakh only.					
Location of Factory : Bhankarpur, Mubarakpur Road, Derabassi-140 507, Dist Mohali (Punjab) .					

- 1. Forwarding:** Forwarding Free on Road Destination. i.e. door delivery basis.
- 2. Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.
- 3. 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.
- 4. 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.
5. **Payment Terms** : 100 % Payment shall be paid on receipt, Complete Installation (acceptance) of Machine in good conditions by the consignee.
 6. **Labelling**:: The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed on each unit pack in readable Purple or Green Colours.
 7. **Acceptance & Receipt**: It should be submitted in Appropriate Format to the purchasing authority.
 8. **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**:
 - a. **Warranty**: The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 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 be binding for the supplier. Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
 - b. 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 Eight 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. 1,15,500/-** of order value to meet expenditure of other incidental expenditure and 3% i-e **Rs. 2,31,000/-** 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

Smt Sampada Mehta
17/11

Smt Sampada Mehta
Managing Director Haffkine Bio
Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.

Copy to:

1. Commissioner Health Services, Mumbai.
2. Director of Medical Education & Research.
3. Account Manager , Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai.
4. Office File.
5. Copy to Consignee. :- 1) District Hospital, Jalgaon. 2) District Hospital,Hingoli 3) Women Hospital, Jalna 4) District Hospital, Ratnagiri 5) Govt. Medical College, Sangali 6) Govt. Medical College, Yavatmal 7) Govt. Medical College, Dhule : 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

Mobile X-Ray Unit.

Sr. No.	Technical Specification for Mobile X-Ray Unit.
1	Clinical Purpose : General Purpose mobile diagnostic x-ray system used in a variety of routine x-ray imaging applications Used by clinical department/ward : Radiology services in NICU & PICU
2	Technical Characteristics
2.1	Technical Characteristics (Specific to this type of device)
	1. Digital display of mAs and kV, should be provided. Exposure time range should be available. 2. Ergonomically designed unit with total soft touch switches for various operations; 3. Self Diagnostic program with indicators for earthling fault error, KV error or filament error; 4. kV range at least 40kV to 125kV, digitally displayed mAs rang at least 0.5 to 200mAs or more; 5. Exposure time range at least 1 ms to 5s; 6. Power rating at least 20kw; 7. Adjustable multileaf collimator, rotatable 90 deg with patient centering light; 8. Must be supplied with protective dust cover at least for control panel; 9. Should be compatible with various basinet size in NICU & PICU; 10. The generator should have microprocessor/micro-controller based electric overload system;
2.2	Setting
	1. KV increase & decrease switches; 2. mAs increase & decrease switches; 3. Machine on/off switch; 4. Collimator lamp On/Off switch; 5. X-ray ON indicator should be available;
2.3	User's interface: The exposure release switch should be detachable, with a cord of at least 5 meters long;
2.4	Software and/or standard of communication : In built;
3.	Physical Characteristics
3.1	Weight (lbs, kg): Maximum 500 kg.
3.2	Configuration: 1. The unit must have an effective braking system for parking, transport and emergency braking; 2. The tube stand must be fully counterbalanced for rotation in all directions; 3. It must have an articulated arm for imaging with any patient position; 4. All cables should be concealed in the arm system;
3.3	Noise (in Dba): <60dB;
3.4	Heat dissipation: Should maintain normal temp and the heat disbursed through a exhaust fan.
3.5	Mobility, portability: 1. Free movement by pushing must be possible with 360 degree rotation and manual locking for various movement; 2. The unit must have cassette strorage facility; 3. Manual movement capable of ascending slope of up to 7 deg from horizontal;

Sr. No.	Technical Specification for Mobile X-Ray Unit.
	4. Unit base wheels must be easily accessible for cleaning; 5. Whole unit moved by operator to required department;
4.	Energy source (electricity, UPS, solar, gas, water, CO2...)
4.1	Voltage (Value, AC or DC, nonophase or triphase): Input: 220VAC \pm 10%, 50 Hz;
4.2	Battery operated: NA
4.3	Tolerance (to variations, shutdowns): Resettable over current breaker to be fitted on both live and neutral supply lines;
4.4	Protection : NA
4.5	Power consumption: Voltage Corrector/Stabilizer to allow operation at \pm 10% of local rated voltage;
4.6	Other energy supplies: NA
5.	Accessories, Spare parts, Consumables
5.1	Accessories (mandatory, standard, optional): To be supplied with 2 Nos. adult size protective lead apron and 1 No. child/ neonate size protective lead shield;
5.2	Spare parts (main ones): Control cable, transformer, exposure switch
5.3	Consumables/reagents (open, closed system): X-ray films dealt in different tendor.
5.4	Others: Radiation hazard warning signs to be supplied with unit;
6.	Environmental and Departmental Considerations
6.1	Atmosphere/Ambiance (air conditioning, humidity, dust.): 1. Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances; 2. Strong condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%;
6.2	User's care, cleaning, Disinfection & Sterility issues: Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
7.	Standards and safety
7.1	Certificates (pre-market, sanitary,...); performance and safety standards (Specific to the device type); Local and/or international: 1. The X-Ray Machine should have AERB Type Approval. Procurement Certificate from AERB to be obtained by Vendor. Q&A to be done by Vendor for 8 years. License for the equipment to be procured by the Vendor. 2. Manufacturer/ Supplier should have ISO 13485 Certificate for quality standard;
8.	Training and Installation
8.1	Pre-installation requirements; nature, values, quality, tolerance: 1. Dosimeter should be available with the operator; 2. Lead gown to be supplier for the operator;
8.2	Requirements for sign – off : 1. Supplier to perform installation, safety and operation checks before handover; 2. Local clinical staff to affirm completion of installation;
8.3	Training of staff (medical, paramedical, technicians):

Sr. No.	Technical Specification for Mobile X-Ray Unit.
	1. Training of users in operations and basic maintenance shall be provided; 2. Training of users in radiation safety shall be provided;
8.4	Others: Advanced maintenance tasks required shall be documented;
9.	Warranty and Maintenance
9.1	Warranty : 2Years, including X-Ray Tube.
9.2	Maintenance tasks : Maintenance manual detailing complete maintaining schedule;
9.3	Service contract clauses, including prices: Free servicing (min.3/year) during warranty period;
9.4	Others : The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee/ warranty period should be attached;
10.	Documentation
10.1	Operating manuals, service manuals, other manuals: Should provide 2 sets(hardcopy) of: 1. Users, technical,maintenance and services manuals along with machine diagrams; 2.Advanced maintenance tasks documentation;
10.2	Other accompanying documents: 1. Certificate of calibration and inspection to be provided; 2. List to be provided of important spares and accessories, with their part number and cost.
10.3	Recommendation for maintenance : List to be provided of equipment and procedures required for local calibration and routine maintenance.
10.4	Others: Contact details of manufacturer, supplier and local service agent to be provided
11	Notes
11.1	Other information: Any contract (AMC/CMC/add-hoc) to be declared by the manufacturer.
11.2	Recommendation or warnings: Any recommendations for best use and supplementary warning for safety should be declared.

Consignee Details.

M/s. Allengers Medical Systems Ltd.			
Mobile X-Ray Unit.			
Model : MARS -30/ CBM.			
Delivery Period		06 Weeks.	
PO Reference No.		No.: 634 / Haffkine/Procurement Cell/E-176/Mobile X-Ray Unit / 2018-19 Date: 19.11.2018	
Sr. No.	District	SNCU	Qty.
1.	Jalgaon.	District Hospital, Jalgaon.	1.
2.	Hingoli.	District Hospital, Hingoli	1.
3.	Jalna.	Women Hospital, Jalna	1.
4.	Ratnagiri.	District Hospital, Ratnagiri.	1.
5.	Sangali.	Govt. Medical College, Sangali.	1.
6.	Yavatmal.	Shri. VasantroNaik Govt. Medical College, Yavatmal. Civil Line Yavatmal-445001.	1.
7.	Dhule.	Govt. Medical College, Dhule	1.
Total:			07

Smt Sampada Mehta
17/4

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