

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED****Procurement Cell****( A Government of Maharashtra Undertaking)****Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)**

<b>Phone No: 022- 24129320-23</b> <b>Managing Director :022-24150628</b> <b>General Manager (Procurement Cell) :022-24100478</b>	<b>Website : http://www.vaccinehaffkine.com</b> <b>E-mail: procurementcell@vaccinehaffkine.com</b>
प्रशासकीय मान्यता निधी १,७६,००,०००/- 13 <sup>th</sup> Finance Commission २०२०-२१	<b>No.: 6517 /Haffkine/Procurement Cell/E-4187/Mobile X-Ray/2021-22.</b> <b>Date: 12-03-2022</b>

To,  
M/s. ALLENGERS MEDICAL SYSTEMS LTD.  
S.C.O. 212-213-214,  
SECTOR 34-A,  
CHANDIGARH-160 022, INDIA.  
**E-Mail:** [govt@allengers.net](mailto:govt@allengers.net)  
[tenders@allengers.net](mailto:tenders@allengers.net)

**Subject : Supply Order for Tender No. E-4187/Mobile X-Ray.**

- Reference:** 1. Tender No. E-4187HBPC/PC/Mobile X-Ray/2021-22.  
2. शा.नि.क्र. :राआअ-२०१७/प्र.क्र. २३१/आरोग्य-७ दि. ०२ फेब्रुवारी, २०२१.  
3. Sanction of Tender Approval Committee Meeting No. 142 Dated 11.02.2022.

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 (DHS)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1.	<b>Mobile X-Ray</b> <b>Make &amp; Model : Allengers Medical Systems Ltd. / MARS-15</b>	<b>As per Annexure X</b>	16	8,47,000/-	<b>1,35,52,000/-</b>

**Total amount in words:** Rupees One Crore Thirty Five Lakhs Fifty Two Thousand Only.

**Factory Location:** M/s. ALLENGERS MEDICAL SYSTEMS LTD. BHANKARPUR, MUBARAKPUR, ROAD, DERABASSI, DISTT. MOHALI (PUNJAB), INDIA.

- 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.

- 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:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation and satisfactory commissioning and operation of the machinery.
- 6 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **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.
- 9 **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 part for further 8 years. 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.
  - 2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) 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.
- 10 **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 the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

- 11 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 2,03,280/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 4,06,560/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

**Amount to be deposited to Following Account:**

Name of Account	Haffkine B P C L (Procurement Cell), CESS Account
Name of the Bank & Branch	Bank of Maharashtra, Branch- Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

**Consignee:** As per list enclosed

भा. व्यवस्थापकीय सल्लाह कंपनी नावनेने व करिता

  
**Smt. Sushama Patil.**  
**General Manager (Addl. Charge)**  
**Haffkine Bio Pharmaceutical Corporation Ltd.**  
**(Procurement Cell), Mumbai.**

**Copy to:**

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- 3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.

**Copy to Consignee: Dean, B. J. Government Medical College, Pune.:** As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

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

**Annexure-X**

<b>Specification of Mobile X-Ray</b>		
<b>NAME AND CODING</b>		
	<b>GMDN name</b>	High Frequency Mobile X-Ray
	<b>GMDN code(s)</b>	CT 692
	<b>Definition</b>	As assembly of devices that comprise an analogue general-purpose mobile diagnostic x-ray system used in a variety of routine x-ray imaging applications. Mobile design allows it to be driven or pushed by an operator to various locations within a building. It is commonly used for bedside imaging and for interventional and intraoperative imaging.
<b>GENERAL</b>		
<b>1.USE</b>		
<b>1.1</b>	<b>Clinical purpose</b>	General-purpose mobile diagnostic x-ray system used in a variety of routine x-ray imaging applications.
<b>1.2</b>	<b>Used by clinical department/ward</b>	Radiology services
<b>1.3</b>	<b>Overview of functional requirements</b>	Provides X-ray film images of all parts of the body. X-ray generator and cassette holder can be moved to image required body part. DICOM compatible image storage and transfer required, displayed on clear, movable screen.
<b>TECHNICAL</b>		
<b>2. TECHNICAL CHARACTERSTICS</b>		
<b>2.1</b>	<b>Technical characteristics (specific to this type of device)</b>	<ol style="list-style-type: none"> <li>1. Must have a digital display of mAs and kV, and an electronic timer.</li> <li>2. kV range at least 40kV to 125kV, digitally displayed mAs range at least 0.5 to 200 mAs or more.</li> <li>3. Exposure time range at least 1ms to 5s.</li> <li>4. Tube power rating at least 15kW and mA rating of generator at least 200mAs.</li> <li>5. Must have a rotating anode with focal spot size less than 1mm.</li> <li>6. Heat storage capacity of the anode at least 140,000 HU.</li> <li>7. Adjustable multileaf collimator, rotatable <math>\pm 90</math> deg. with patient centering light.</li> <li>8. Must be supplied with protective dust cover at least for control panel.</li> </ol>
<b>2.2</b>	<b>Settings</b>	<ol style="list-style-type: none"> <li>1. KV increase &amp; decrease switches;</li> <li>2. mAs increase &amp; decrease switches;</li> <li>3. Machine on/Off switch.</li> <li>4. Collimator lamp on/off switch.</li> <li>5. X-ray ON indicator should be available.</li> </ol>
<b>2.3</b>	<b>User's interface</b>	The exposure release switch should be extendable, with a cord of at least 5 meters long.
<b>3.PHYSICAL CHARACTERISTICS</b>		
<b>3.1</b>	<b>Dimensions (metric)</b>	NA

3.2	Weight (lbs, kg)	NA
3.3	Configuration	The unit must have an effective braking system for parking, transport and emergency braking. The tube stand must be Spring balance mobile stand/ counterbalanced mobile stand.
3.4	Noise (in Dba)	<60dB
3.5	Heat Dissipation	Should maintain normal temp and the heat disbursed through a exhaust fan.
3.6	Mobility, Portability	1. Free movement by pushing must be possible with 360 degree rotation & manual locking for various movement; 2. The unit must cassette storage facility; 3. Manual movement of ascending slope of up to 7 deg from horizontal; 4. Unit base wheels must be easily accessible for cleaning; 5. Whole unit moved by operator to required department.
<b>4. ENERGY SOURCE (Electricity, UPS, Solar, Gas, Water, CO2...)</b>		
4.1	Voltage (value, AC or DC, monophase or triphase)	220 to 240V, 50Hz
4.2	Battery Operated	NA
4.3	Tolerance (To variations, shutdowns)	Resettable overcurrent breaker to be fitted on both live and neutral supply lines.
4.4	Power consumption	Voltage corrector/stabilizer to allow operation at $\pm 10\%$ of local rated voltage.
4.5	Other energy supplies	NA
<b>5.ACCESSORIES, SPARE PARTS, CONSUMABLES</b>		
5.1	Accessories( Mandatory, Standard, Optional)	To be supplied with adult size protective lead apron and mobile protective barrier
5.2	Spare parts (Main)	Control cable, Transformer, Exposure switch
5.3	Others	Portable radiation hazard warning signs to be supplied with unit.
<b>6. ENVIRONMENTAL AND D3PARTMENTAL CONSIDERATIONS</b>		
6.1	Atmosphere/Ambiance (air conditioning, humidity, dust.)	1. Operating condition :Capable of operating continuously in ambient temperature of 10 to 40 deg. C & relative humidity of 0 to 75% (Non Condensing) in ideal circumstances; 2. Strong condition: Capable of being stored continuously in ambient temperature of 0 to 40 deg C & relative humidity of maximum 90% at 30 deg. C (Non Condensing)
6.2	User's care, Cleaning, Disinfection & Sterility issues	The case is to be cleanable with alcohol or chlorine wipes
<b>7. STANDARDS AND SAFETY</b>		
7.1	Certificates(Pre-market, sanitary,...);Performance and safety standards (specific to the device	Should be FDA/CE approved product. Electrical safety conforms to standards for electrical safety IEC-60601, Procurement Certificate from AERB to be obtained by Vendor. Q&A to be done by Vendor for 8 years.

	type); Local and /or international	License for the equipment to be procured by the Vendor. Manufacturer/ Supplier should have ISO 13485 Certificate for quality standard.
<b>8. TRAINING AND INSTALLATION</b>		
8.1	Pre-installation requirements: nature, values, quality, tolerance	Lead gown to be supplied for the operator.
8.2	Requirements for sign-off	Supplier to perform installation, safety and operation checks before handover Local clinical staff to affirm completion of installation.
8.3	Training of staff (medical, paramedical, technicians)	Training of users in operation basic maintenance shall be provided.
8.4	Others	Advanced maintenance tasks required shall be documented.
<b>9. WARRANTY AND MAINTENANCE</b>		
9.1	Warranty	3years
9.2	Maintenance tasks	Maintenance manual detailing complete maintaining schedule.
9.3	Service contract clauses, including prices	Warranty of 3 year with free servicing (min. 3/year) during warranty.
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.
<b>10. DOCUMENTATION</b>		
10.1	Operating manuals, service manuals, other manuals	User, technical and maintenance manuals to be supplied in English language.
10.2	Other accompanying documents	Certificate of calibration and inspection to be provided. List to be provided of important spares and accessories, with their part numbers and cost.
10.3	Recommendations 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.
<b>11. NOTES</b>		
11.1	Other information	Any Contract (AMC/ MC/ add-hoc) to be declared by the manufacturer.
11.2	Recommendations 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		
Make & Model : Allengers Medical Systems Ltd. / MARS-15		
Delivery Period	06 weeks	
PO Ref. No.	No.: 6517 /Haffkine/Procurement Cell/E-4187/Mobile X-Ray/ 2021-22. Date: 12-03-2022	
प्रशासकीय मान्यता निधी १,७६,००,०००/- 13 <sup>th</sup> Finance Commission २०२०-२१		
Sr. No.	Name & Address of the Consignee	Oty. (DHS)
1.	DH Alibaug Raigad	01
2.	DH Thane	01
3.	DH Nashik	01
4.	SDH Javhar	01
5.	DH Nandurbar	01
6.	DH Buldhana	01
7.	GH Khamgaon	01
8.	CH Ulhasnagar	01
9.	DMH Nagpur	01
10.	GH Malegaon	01
11.	DH Beed	01
12.	WH Parbhani	01
13.	DH Bhandara	01
14.	DH Satara	01
15.	DH Ahmednagar	01
16.	WH Osmanabad	01
<b>Total :</b>		<b>16</b>

प्रशासकीय निधी १,७६,००,०००/-  
13<sup>th</sup> Finance Commission २०२०-२१

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**Smt. Sushama Patil.**  
**General Manager (Addl. Charge)**  
**Haffkine Bio Pharmaceutical Corporation Ltd.**  
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