**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**प्रशासकीय मान्यता निधी ७५,००,०००/-  
राज्य योजना २०२०-२१**No.: 6496 /Haffkine/Procurement Cell/E-3792/C-Arm  
Image Intensifier/2021-22.****Date: 09/03/22****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-3792/C-Arm Image Intensifier.****Reference:** 1. Tender No. E-3792/HBPCL/PC/C-Arm Image Intensifier/2021-22.

2. शा. नि. क्र. : जीएचपी-२०२०/प्र.क्र.३२६/प्रशा-१ दि. २४ फेब्रुवारी, २०२१.

3. Sanction of Tender Approval Committee Meeting No. 143 Dated 18.02.2022.

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 (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1.	<b>C-Arm Image Intensifier</b> Make & Model : Allengers / Allengers HF-59R	As per Annexure X	03	16,84,045/-	<b>50,52,135/-</b>

**Total amount in words:** Rupees Fifty Lakhs Fifty Two Thousand One Hundred Thirty Five Only.**Factory Location:** 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. 75,782.02/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 1,51,564.05/-** 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

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने 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, Government Medical College & General Hospital, Baramati.:** 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

### Specification of C-Arm Image Intensifier

#### A) IMAGE INTENSIFIER:

1. Image Intensifying Tube: 9 Inches, Triple Field.
2. Camera: High Resolution 1K x 1K compact Camera.
3. Monitor (2 Nos) 19" Medical display Monitor or Single 23" or more large display with five and reference images.

#### B) C-ARM MOVEMENTS:

1. Rotation:  $\pm 180$  degrees.
2. Motorized U/p Down- 400 mm or more
3. Horizontal Travel: 200 mm or more
4. Arc Orbital movement: 120 Degrees.
5. Wig Wag:  $\pm 12.5$  Degrees.
6. Source to Image distance should be more than 940mm.
7. Depth of "C" should be at least 650mm

#### C) X-RAY GENERATOR:

1. High Frequency (27 KHz)
2. Output power should be 2.5 kw or more
3. Fluoro & Rad. Kv 40 to 110 KV.
4. Radiographic mA: 25 mA or more
5. Fluoroscopic mA; 0.2-4 mA or more (Normal mode) pulsed fluoro for High definition fluoro should be more than 8 mA
6. Dose display in software and linked with the patient data.

#### D) X-RAY TUBE:

1. Monoblock tube head having dual focus rotating/stationary anode X-ray tube of focal spot 0.6 mm (small focus) & large focus 1mm should be provided.
2. Iris + Full Parallel Shutter with Rotation should be provided. LASER aimer for radiation free patient positioning.
3. **CONTROL:** Control should have the following:

#### E) LCD/feather touch buttons on The user interface.

A very compact, soft touch control panel (APR with 20X3 (column x rows) LCD display on which KV, mAs, fluoro time, FmA, I.I Zoom, Error inter lock for KV, filament, thermal are displayed on wide angle LCD.

#### Console panel Has Following functions & Indications:

Radio Mode Selection:

APR Mode (Anatomical programming) that is pre selected parameters are programmed in machines as per body parts selected/to be exposed. APR covers Head, Chest, abdomen and extremities.

Flouro selection mode:

Single Pulse mode

Multi pulse mode

Continuous mode

Machine ON/OFF switch

I.I magnification, I.I field 9", 6" and 4.5" selection switch.

"Emergency Fluoro" mode provided.

In built radio timer should be provided.

Fluoroscopy timer (Five minute cumulative timer with buzzer that activates after the completion of 300 seconds of exposure and to reinitiate the exposure reset switch is provided).

ABS (Automatic brightness Stabilization) selection for hands free operation.

Metal compensated ABS

KV and mAs increase and decrease switches.

X-Ray ON switch with indicators.

Switches for up/down movement of "C" on both side of panel.

Emergency OFF switch on the control panel.

Radio and Fluoro Exposure ON Switches on panel.

Image Rotation switches on panel.

Various Interlocks are displayed on LCD Screen for self-diagnosis.

KV Interlock

Filament Interlock

Thermal Interlock

**F) MEMORY SYSTEM** should include the following:-

- Image processing software with real time image capturing, storage and display in 1K 1K format.
- Dicom 3.0 Compatible.
- Dynamic Zoom with PAN
- Image storage capacity up to 50000 images.
- Last image hold.
- Image editing.
- Image printing.
- Image embossing.
- Panning.
- Electronic collimator.
- Real time noise reduction by temporal averaging up to 16 frames.
- Connectivity with PACS and HIS/RIS.
- Pre-programming for image setting for different operating modes.
- Image flipping and Image rotation.
- WW/W level adjustments.
- Programmable motion detection facility
- Images zoom with pan.
- Image magnifier
- Patient worklist (Directory)
- Patient data entry.
- Magnify

**Essential Accessories:**

- Lead Apron-05nos
- Thyroid shield guard-05 nos.
- Autoclavable cover – 05 nos.

4. Power requirement: The unit should be operable on single Phase 230 V $\pm$  10% AC, 50 Hz


**5. OTHER REQUIREMENTS:**

- The company should be ISO-13485: 2003, ISO-13485: 2012 company
- The quoted model should be European CE certified with Notified Body No.
- The unit should be approved by AERB.
- The company should have a service center in State.
- The company should have proven track record in Govt. sector.

Consignee Details

<b>M/s. Allengers Medical Systems Ltd.</b>		
<b>C-Arm Image Intensifier</b> <b>Make &amp; Model : Allengers / Allengers HF-59R</b>		
<b>Delivery Period</b>	<b>06 weeks</b>	
<b>PO Ref. No.</b>	<b>No.: 6498 /Haffkine/Procurement Cell/E-3792/C-Arm Image Intensifier/2021-22.</b> <b>Date: 09-03-22.</b>	
प्रशासकीय मान्यता निधी ७५,००,०००/- राज्य योजना २०२०-२१		
<b>Sr. No.</b>	<b>Name &amp; Address of the Consignee</b>	<b>Oty. (DMER)</b>
1.	Government Medical College & General Hospital, Baramati.	03
Total :		03

भा. व्यवसायकीय संचालक यांच्या मान्यतेने व करिता

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