

**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**दि: ३०.०१.२०२१ प्रशासकीय मंजूर निधी ५०,४०,०००/-
(PG Upgradation २०२०-२१) (Qty.- 01)**Website : http://www.vaccinehaffkine.com****E-mail: procurementcell@vaccinehaffkine.com****No.: 6623 /Haffkine/Procurement Cell/E-3088/
C-Arm Image Intensifier/ 2021-22.****Date: 30/03/22****To,****M/s. Allengers Medical Systems Ltd.,****Bhankarpur, Mubarakpur Road,****Derabassi, Dist. Mohali (Punjab).****Contact No.: 9323850067.****E-Mail: govt@allengers.net****tenders@allengers.net****Subject : Supply Order for Tender No. E-3088/C-Arm Image Intensifier.****Reference: 1. Tender No. E-3088/HBPCL/PC/C-Arm Image Intensifier/ 2020-21.****2. शासननिर्णय, क्रमांक - जीसीएम - २०१९/प्र.क्र.३१६/प्रशा-१****दिनांक : ३० जानेवारी, २०२०.****3. Sanction of Tender Approval Committee Meeting No. 147****Date : 16.03.2022.**

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	C-Arm Image Intensifier Make : Allengers Medical Systems Ltd. Model : ALLENGERS HF-59R	As per Annexure X	01	49,27,906/-	49,27,906/-
Total amount in words: Rupees Forty Nine Lakh Twenty Seven Thousand Nine Hundred Six Only.					
Factory Location: Bhankarpur, Mubarakpur Road, Derabassi, 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.

- 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. 73,919/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 1,47,837/-** 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

या. व्यवस्थापकीय संचालक, जेव्हा मान्यतेने व करिता


Mrs. Sushama Patil
General Manager
(Additional 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, Miraj.: 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


Technical Specification of C-Arm Image Intensifier	
	The system should be microprocessor controlled Mobile C-arm unit " Type approved by AERB/BARC " with facility to allow un-obstructed positioning and enhanced ease of operation in operation theatre. Mobile C-Arm Machine with Flat Panel Detector should have following or better mechanics:
1.	C-Arm
	a) Motorized vertical travel: 400 mm or more
	b) Horizontal travel :200 mm or more
	c) Orbital rotation :+90 degree to -30 degree or more
	d) C-arm rotation : +190deg or more
	e) Wig Wag movement :+12deg. Or more
	f) S.I.D: 650 mm or more
	g) Clearance between I.I & Tube :780 mm or more
	h) C-depth : 670 mm or more
	i) Steering wheel /Steering handle with +/-90 degree movement for both side diagonal scan
2.	Flat Panel Detector –Latest state of Art Technology flat panel detector of size 20cm x 20cm or more. Should have pixel matrix of 1.5k x1.5k. Should have AD conversion of 16 bit or higher and expected resolution has to be more with better technology.
3.	X-Ray Generator & Tube
	a) High frequency :40 KHz or more
	b) KV Range : 40-100KVp or more
	c) Output power be at least 2KW or more
	d) Dual focus rotating anode X-ray tube with focal spots of 0.3 mm (small focus) and 0.6 mm (large focus)with anode heat storage capacity of more than 100KHU should be provided)
4.	Fluoroscopy
	a) Max mA with normal fluoroscopy : 6mA or more
	b) Max mA with Boosted/High level fluoroscopy : 12mA or higher
	c) Fluoroscopic cumulative timer of 5 minutes with X-Ray stop and reinitiate switch
	d) Should have half dose fluoroscopy mode.
	e) Should have pulse fluoroscopy program with 1,2,4,8 pulse programme which should be user selectable from control panel.
	f) Should have single shot/snap shot fluoroscopy mode
	g) Should have ABS/ADRC mode for automatic selection of ky & mA as per body thickness for hands free operation
5.	Radiography
	a) KV Range :40-100 KVp
	b) Radiography mA Range :20mA or higher
6.	Control Panel
	a) Microprocessor controlled, soft touch functionally grouped keyboard, LCD Display for all operative parameter and messages of eventual fault conditions.
	b) Selection switches for Pulsed fluoro (Selected Pulse programmes) Low dose/half dose fluoro, Boosted/high level fluoro, Single shot /snap shotfluoro ABS mode and Radiography mode
	c) Iris collimator control panel to control collimator.
7.	Memory & Media

	a) Two Nos.18" or more Medical Grade LCD/LED monitors of max brightness of at least 1000 CD/Metre square or more, mounted on Trolley for live and LIH/stored image (OR) One No 32" Coloured Monitor (for colourised images, as mentioned in point no 7.k with split screen for live and reference image display is provided on mobile trolley.)
	b) Digital memory with storage of last image and permanent storage of 10000 images or more
	c) Should DSA Frame rate up to 10FPS
	d) Should have selection of mask 1-9 odd numbers
	e) Should have land marking from 0 to100%
	f) Image control should be available from panel
	g) Random angle rotation should be available
	h) Should have recursive filter up to 16 frames or more
	i) Glass magnification should be possible
	j) Should have dose rate calculation and display on screen
	k) Should have tissue density with colorized images.
	l) Should have preview collimator
	m) Stenosis and aneurysm measurement should be possible.
	n) Real time image rotation, High resolution image capture, Digital zooms, USB memory stick/pen drive image storage , DICOM print, DICOM CD/DVD write.
8.	Accessories
	a) The complete functional system must be quoted with requisite CVT with built in spike suppressor
	b) Lead apron -12 Nos.(Light weight, Zero lead)
	c) Thyroid shields -12 Nos.
	d) Lead gloves -10 pairs
	e) Lead Goggles -02 Nos
	f) Lead apron stand with 6 hangers for lead aprons : 2 Nos
	(Note that lead apron and Thyroid shield must be of reputed brand, should be UDFDA or European CE certified. Copy of certificates as stated need to be submits in technical bid.)
9.	Important Conditions
	a) Must have valid AERB type approval certificate and BIS certificate or equivalent IEC
	b) Must be European CE Certified from notified body with 4 digit notified body No. or USFDA approved
	c) Should be operable on 220-240 VAC, 50Hz
	d) Two years of standard warranty followed by eight years comprehensive maintenance contract which should be quoted separately
	e) Operational Training must be provided to the staff at the time of installation.
	f) Less Scatter Dose- System should have standard measures for reduction of scatter dose at source to achieve a relatively less radiation in OT environment.
	g) Resolution –The system should have standard resolution as per any standard radiological system.

Consignee Details

M/s. Allengers Medical Systems Ltd.		
C-Arm Image Intensifier		
Make : Allengers Medical Systems Ltd. & Model : ALLENGERS HF-59R		
Delivery Period	06 weeks	
PO Ref. No.	No.: 6623 /Haffkine/Procurement Cell/E-3088/ C-Arm Image Intensifier/2021-22. Date: 30/03/22	
	दि: ३०.०३.२०२२ प्रशासकीय मंजूर निधी ५०,४०,०००/- (PG Upgradation २०२०-२१) (Qty.- 01)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College, Miraj.	01
	Total	01

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता


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