

**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 २५,३७,०००/-
२०१९-२०
State Plan

No.: **5667**/Haffkine /Procurement Cell/E-2550/Deca Head
Microscope with High end Optics with HDMI Multi output
photographic camera 5 megapixel Photographic Camera &
Software/2021-22

Date: **11.12.2021****To,****M/s. Radical Scientific Equipments Pvt. Ltd.**9th Milestone, Ambala - Jagadhri Road

Po Khudda-Kalan,

Ambala Cantt - 133104

E-Mail: info@radicalscientific.com

Subject : Supply Order for Tender No. E-2550/Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software

- Reference:**
1. Tender No. E-2550/HBPCL/PC/Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software /2020-21
 2. शा.नि.क्र.: जीसीबी-२०१८/प्र.क्र.१६७/प्रशा-१ दि. २४ जून, २०१९
 3. Sanction of Tender Approval Committee Meeting No. 131 Dated 25.11.2021

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	Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software Make : Radical Model : RXLR-5 (CODE-NX)	As per Annexure X	01	18,21,330/-	18,21,330/-
Total amount in words: Rupees Eighteen Lakh Twenty One Thousand Three Hundred Thirty Only.					
Factory Location: M/s. Radical Scientific Equipments Pvt. Ltd. 9 th Milestone, Ambala - Jagadhri Road Po Khudda-Kalan, Ambala Cantt - 133104					

- 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:** 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 **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 :**
- 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.
- 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 the rate 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. 27,320/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 54,640/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 2 months after the expiry 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

Baviskar
11/12
(Dr. Vijay P. Baviskar)
General Manager-1
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, 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

Sr. No.	Technical Specification of Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software	
01	Magnification	20x-1000x for observation.
02	Optical system	High quality optics (infinity corrected optical system). (High intensity and uniform co-illumination)
03	Eyepiece tube	Tilting Trinocular tube should be inclined at 5° - 35° for comfortable observation. 3 way light path selection (50:50, 100:0, 0:100). Paired antifungal eyepieces of 10x magnification with F.O.V 22 or more. Should have port to mount the camera on to the microscope.
04	Eyepiece lens	10x (2pcs) with both sides diopter adjustment (FN22 mm) and better.
05	Objective	High performance chromatic aberration free objective suitable for brightfield microscope: Plan Achromat 4x NA 0.10-0.20, WD 15.00 mm or better Plan Achromat 10x NA 0.25, WD 10.00 mm or better Plan Achromat 20X NA 0.4, WD 1.2 mm or better Plan Semi Apochromat 40x NA 0.75, WD 0.5 mm or better Plan Apochromat Objective 100X/1.45, WD 0.13mm, Oil and Spring Loaded
06	Nose piece	Sextuple/ seven port (preferable) revolving nosepiece, with a slot for analyzer / DIC prism should be provided.
07	Condenser	Swing out condenser. 0.90 NA
08	Coarse/fine focusing	Coarse and fine focusing adjustable.
09	Stage	Ceramic coated XY stage with two slide holder capacity at a time. The stage should be rotatable and should have stage handle extension. Stage handle extension is a must requirement.
10	Multi Head attachment	9 additional viewing heads apart from the primary user with MTH splitter, MTH relay units and support stands. All heads should be preferably adjustable in Y axis. In all viewing end illumination should be as strong as in the master objectives. Siedentopf binocular ergonomic eyepiece tube with variable inclination angle of 5° to 35°. Both eye pieces should have diopter adjustments for all secondary observers and should have FOV 22mm and above. When using the same type of observation tube, orientations of images observed by all observers should be identical.
11	Design	The design should be stable enough. Correction of axis and stability would be full responsibility of the supplier, when required.
12	Illumination	High performance 14-15W LED illumination equivalent to 12V100W

		Halogen and minimum life time of 50,000 Hours.
13	Colored pointer	Multicolor (minimum 2), intensity controllable Colored indicator should be supplied with the microscopes. The control buttons should be convenient and sensitive. Arrow control stick, arrow rotation dial and color selection dials should be provided.
14	Accessories	A) lens cleaning paper (at least 1 packs), at least 2 units of branded research grade immersion oil units 30ml each should be supplied at no extra cost. B) A portable tool set should also be supplied. C) Analyzer and Polarizer for polarization should be provided.
15	Upgradability	The Microscope should be upgradable to Phase, Darkfield, DIC and Fluorescence in near future.
16	Digital Camera Attachment	5MP Color Camera with Image Sensor Color CMOS, Sensor Size 1/1.8 inch (7.140 mm × 4.980 mm), Resolution (Max.) 2592 × 1944 pixels (Snapshotonly), 1920 × 1080 pixels (HDMI, WLAN, on PC), Pixel Size 2.4 × 2.4 μm, A/D Converter (Bit Depth) 8 bits, Exposure Times 1 ms – 918 ms, LiveFrame Rates Snapshot only (2592 × 1944 pixels), Up to 30 fps (on PC, 192 × 1080 pixels) Up to 60 fps (HDMI Output, 1920 × 1080 pixels) Up to 25 fps (WLAN Output, 1920 × 1080 pixels) Data Transfer HDMI, WLAN (using the WLAN adaptor), Ethernet (using the USB-to-Ethernet adaptor) Annotation Functions Text, Arrow, Rectangle, Circle, Measurement Functions: Line: Length measurement, Parallel lines, Circle: Diameter, area, perimeter measurement, Angle: Angle measurement, Rectangle: Area, perimeter measurement, Polygon: Area, perimeter measurement, Point: Coordinates, number and Scale bar. The camera should be integrated with app for mobile devices, Software for Windows OS, On Screen Display Software for stand-alone operation offering intuitive controls of image acquisition and display, basic measurements and annotations as well storing functionality. Additionally, the onboard imaging software should enable the camera to be controlled without a computer or a mobile device in stand-alone mode
		<ul style="list-style-type: none"> • Computer Workstation: Branded computer with i5 processor or better, 8 GB RAM, 1 GB Graphic Card, Original Windows 10 Professional, 1TB HDD, 24" TFT Monitor or better, Keyboard & Mouse,. • The microscope, camera and software should be from the same manufacturer for better Integration and no issues with software updates. • Point wise technical compliance statement should be attached.

Consignee Details

M/s. Radical Scientific Equipments Pvt. Ltd.		
Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software Make : Radical Model : RXLr-5 (CODE-NX)		
Delivery Period	06 weeks	
PO Reference No.	No.: 5667 /Haffkine/Procurement Cell/E-2550/Deca Head Microscope with High end Optics with HDMI Multi output photographic camera 5 megapixel Photographic Camera & Software/2021-22 Date: 11.12.2021	
प्रशासकीय मान्यता निधी २५,३७,०००/- २०१९-२० State Plan		
Sr. No.	Name & Address of the Consignee	Qty. (DMER)
1)	Government Medical College, Baramati.	01
Total:		01

Baviskar
(Dr. Vijay P. Baviskar)
General Manager-1

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