

**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.: 2573 /Haffkine/Procurement Cell/E-1559/  
Automated HPLC System for Thalassemia &  
Hemoglobinopathy Testing & Screening/2019-20  
Date: 15/01/2020****To,****M/s. ARKRAY Healthcare Private Limited,****701/702, Opulence, 6<sup>th</sup> Road, TPS III,****Santacruz (East), Mumbai-400055.****E-Mail: ankur.naik@arkray.co.in****Subject :** Supply Order for Tender No. E-1559/Automated HPLC System for Thalassemia & Hemoglobinopathy Testing & Screening**Reference:** 1. Tender No. E-1559/HBPCL/PC/Automated HPLC System for Thalassemia & Hemoglobinopathy Testing & Screening/2019-20  
2. Sanction of Tender Approval Committee Meeting Dated 10.01.2020

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>Automated HPLC System for Thalassemia &amp; Hemoglobinopathy Testing &amp; Screening Model : ARKRAY HA-8180T</b>	As per Annexure X	01	38,50,000/-	38,50,000/-

**Total amount in words: Rupees Thirty Eight Lakh Fifty Thousand only.****Factory Location: ARKRAY Factory, Inc. 1480 Koji Kokan-cho, Koka, Shiga 520-3306, Japan.**

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis The delivery should be damage free & intact Packaging.
- Delivery Period:** 12 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 **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 a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) 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.

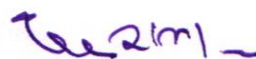


- 12 The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs. 57,750/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 1,15,500/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 8 Years after the expiry date of warranty, issued by 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

**Consignee:** As per list enclosed



**(Dr. Rajesh Deshmukh)**  
**Managing Director**

**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 & Hospital, Gondia. : 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

SN	Technical Specifications for Automated HPLC System for Thalassemia & Hemoglobinopathy Testing & Screening
1	Automated HPLC system, dedicated to thalassemia and Hemoglobinopathy testing and screening
2	The system should be able to screen and quantitate hemoglobin HbA1c, HbA2, HbA and HbF and detect the most commonly occurring abnormal hemoglobin like Hbs, HbD <sup>HbE</sup> Hbc HbQ India, HbD-iran and other rare abnormal hemoglobins in a single chromatograph. Explanation: Every Person may not have thalassemia, we need an added facility of HbA1C along with HbA2 and variants, so that we do not need to change mode and waste more reagents/control by changing from HbA2 to HbA1c, instead get HbA1c/HbA2/variants in a single chromatograph. On HbA2 patient will get added HbA1c report without any extra cost and vice versa.
3	The system should have the provision of presumptive identification of Hb Barts and HbH and various alpha chain variants like Hb J Meerut, Hb Q India, etc.
4	Unit should be able to process 50 samples at a time and with a testing time less than 3.5 minutes per test (Explanation: Machine have facility to load 100 sample, it have loop mode, faster the reports (3.5 minutes), more patients can be screened in lesser time.
5	The company should have an installation base in India and should be able to provide the relevant product and service support
6	The system should have spinning of vacutainer before aspiration to avoid improper sampling Explanation: As spinning mode is very important in HPLC system as it avoids erythrocyte sedimentation and prevents the sample from haemolysing and thus providing accurate reports.
7	The system should have automatic barcode reading facility. Explanation: The system is having barcode reading facility. So no question of objection.
8	Complete ready to use kit should be provided with Buffers in Aluminium packs; columns primers, calibrators and sample vials. The reagents and consumables should be available in individual packs for purchasing separately
9	The system should have an on board QC menu capable of storing the quality control data and printing the standard deviation and coefficient of variation values.
10	The company should provide normal and abnormal third party controls for HbA2, HbF and Hbs and provide External Quality Assurance Scheme trade name to help computer results with similar users worldwide. Explanation: We prefer third party controls
11	It should have built in column thermostat for reproducibility of results.
12	The HPLC should have a peristaltic so that each elution buffer has a different pump and the buffers work efficiently. <b>Explanation: - ADAMS 8180T also has a dual peristaltic pump.</b>
13	The system should have built in printing facility
14	The column should give minimum 5000 Tests.
15	System should be certified by NGSP/CE
16	System should have online UPS along with main instrument.
17	The system should have special rack for Anemic sample testing. Explanation: - Anemic sample testing mode is a special feature, no manual mixing of sample is required, hence no manual errors and accurate reports in lesser time.
18	There should be an off line library of Chromatograms for interpretation.
19	The buffer should be provided in plastic tanks to view the levels of buffers during the run. Explanation: - No objection.
20	The system should have interfacing software.
21	The system should have ON BOARD reagent management system.
22	Separate racks for Calibration, hemolysing sample. Explanation: - There are separate racks for calibration haemolysing sample, benefit is to avoid manual work/avoid human errors/pre analytic errors as the whole process will be done by the system itself.
23	Provision for continuous loading should be there.



24	In addition to haemoglobin variants Hbs, Hbc, HbE and HbD, HbA2 can be separated
25	It should Quoted with 2000 test of reagent, chamber and platform for operation of machine, air conditioner, chair for user etc. Pointwise explanation is provided as per your suggestions, regarding specification of HPLC Imported, as above.

### Consignee Details

M/s. ARKRAY Healthcare Private Limited		
Automated HPLC System for Thalassemia & Hemoglobinopathy Testing & Screening Model : ARKRAY HA-8180T		
Delivery Period	12 weeks	
PO Reference No.	No.: 2573 /Haffkine /Procurement Cell / E-1559/Automated HPLC System for Thalassemia & Hemoglobinopathy Testing & Screening/2019-20 Date: 15/01/2020	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College & Hospital, Gondia.	01
Total:		01



(Dr. Rajesh Deshmukh)

Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.

(Procurement Cell), Mumbai.