

**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.: 24057** Haffkine/Procurement Cell/E-134/Repeat Order /Heavy Duty Fully Automated Chemistry Analyser/ 2019-20**Date: 27/12/2019****To,****M/s. Transasia Bio-Medicals.Ltd.****Transasia House, 8 Chandivali Studio Road,****Andheri (East),Mumbai- 400072****E-mail ID: [g.ganatra@transasia.co.in](mailto:g.ganatra@transasia.co.in)****Subject : Supply Order for Heavy Duty Fully Automated Chemistry Analyser****Reference:** 1. Tender No. E-134/HBPCL/PC/ Heavy Duty Fully Automated Chemistry Analyser /2017-18.

2. Order No.677/Haffkine/Procurement cell/E-134/ Heavy Duty Fully Automated Chemistry Analyser/2018-19 Date: 03.12.2018

3. 1782/Haffkine/Procurement Cell/E-134/Repeat Order/ Heavy Duty Fully Automated Chemistry Analyser/2019-20 Date : 20.09.2019

4. Sanction of Tender Approval Committee Meeting Dated 16.12.2019

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 Rate inclusive of GST(Rs.)and all other taxes	Total Amount (Rs.)
1	<b>Heavy Duty Fully Automated Chemistry Analyser (Make &amp; Model: Erba Mannheim /Transasia, XL640 with ISE)</b>	As per Annexure I	02	20,00,000/-	<b>40,00,000/-</b>

**Total amount in words: Rupees Forty Lakh Only.****Manufacturing Location:** khasra Nos. 542,544&545, Village Malpur, Nalagarh Road, Tehsil Baddi, Dist, Solan, Hemachal Pradesh- 173205.

1. **Forwarding:** Forwarding Free on Road Destination. i.e. door delivery basis
2. **Delivery Period:** 6 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 :** 100 % Payment shall be paid on receipt, Complete Installation (acceptance) of Machine in good conditions by the consignee.
- 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. (For Imported Item Only)
- 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 100% 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 written down value 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 this contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

- 2 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 60,000/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 1,20,000/-** as Security Deposit in form of Bank Guarantee, This 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

मा. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार

  
**General Manager**  
**(Procurement)**  
**HBCL Mumbai**

**Dr. Rajesh Deshmukh**  
**Managing Director**  
**Haffkine Bio Pharmaceutical Corporation Ltd.**  
**(Procurement Cell), Mumbai.**

**Copy to:** 1) Commissioner Health Services, Mumbai.  
2) Director of Medical Education & Research.  
3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.  
4) Office File.

**Copy to:** Sir J.J. Group of Hospitals, Mumbai. - As per Tender Condition No. 17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Written down value of the equipment per year for Eight years after completion of warranty period.

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

**Annexure –I**

**Spécifications of Heavy Duty Fully Automated Chemistry Analyser**

Sr. No.	Technical specifications/ composition of tender enquiry
1.	<b>System:-</b> Heavy duty floor model open integrated discrete multichannel, random access analyzer with automatic run capable of performing test like blood sugar, HbA1C, Amylase, Lipase, Uric Acid, Lipid profile (Cholesterol, TG and direct HDL), Hormones, Apolipoprotein, ADA, Serum Proteins, Lipid Profile, Calcium, Phosphorous, Amylase, Lipase, Liver Function Tests (Bilirubin, AST, ALT, Alkaline Phosphatase, Gamma GGT), Kidney Function Tests (Urea, Creatinine, Cystatin C), Immunoturbidimetric and Electrolyte based on ISE etc.
2.	<b>Throughput:-</b> Must be 600 Tests / Hour chemistry with ISE
3.	<b>On Board Tests:-</b> Not less than 30 tests using two reagents at time. It should have 2 reagents arms along with 2 separate mixtures for performing double reagents tests.
4.	<b>Programmable Parameters:-</b> Should have 96 photometric tests with facility for 40 calculated tests serum indices.
5.	<b>Assay Mode:-</b> End point kinetic one two points rate A, rate B, dichromatic and monochromatic reading facility available.
6.	<b>Calibration:-</b> Linear, Non-linear, multipoint possibility of point calibration not less than five points.
7.	<b>Sample Disc:-</b> Rotor type sample carrier with minimum 70 positions includes 25 stat positions in patient run 20 positions for standard 2 blank, 8 controls and 2 ISE solutions.
8.	<b>Sample Cups:-</b> Normal and primary tubes / any sample container.
9.	<b>Sample Types:-</b> Plasma, Serum, CSF and other body fluids.
10.	<b>Stat Facility:-</b> Facility for continuous loading of stat samples container.
11.	<b>Sample Aspiration Volume:-</b> 2-70 micro liters (in 0.2 micro liter increment)
12.	<b>Sample Pre Dilution:-</b> Facility to pre-dilute a sample in range of 5 to 100 times.
13.	<b>Incubator:-</b> Shielded water bath or peltier element with auto regulation.
14.	<b>Sample Probe:-</b> Probe with capacitance based liquid level sensor and washing facility.
15.	<b>Reagent Disk:-</b> Cooled reagent disk to hold at least 50 reagent containers and barcode reading facility.
16.	<b>Auto Dilution:-</b> Facility for auto dilution and auto re-run for all types of reagents.
17.	<b>Reagent Volume:-</b> For Aspiration- 10-300 micro liter in step of 1 micro liter.



Sr. No.	Technical specifications/ composition of tender enquiry
18.	<b>Reagent Probe:-</b> Minimum of 2 probes with capacitance based level sensors and auto washing facility.
19.	<b>Reagent Stirrer:-</b> On board stirrer.
20.	<b>Reaction Disk:-</b> 70-80 permanent hard glass cuvette maintained at 37°C
21.	<b>Cuvettes:-</b> Permanent and possibility to change each cuvette.
22.	<b>Cuvette Washing:-</b> Automatic on board washing and drying facility.
23.	<b>Safety Mechanism:-</b> Sample clot detection facility and vertical obstruction detection.
24.	<b>Quality Certificate:-</b> The manufacturer / supplier should be ISO / CE certified with proven track record in India with excellent service network throughout the country. (Service network details to be provided).
25.	<b>Photometer:-</b> Multi wave length diffraction grating photometry with 12 fixed wave length in the range of 340 to 750 nm.
26.	<b>Lamp Source:-</b> Halogen lamp 12 V/ 20W.
27.	<b>Photometric:-</b> Range 0 to 2.5 Absorbance
28.	<b>ISE Facility:-</b> Should have integrated flow cell electrode for Na <sup>+</sup> K <sup>+</sup> Cl <sup>-</sup> .
29.	<b>Control and Monitoring:-</b> Dedicated Computer with colour monitor, keyboard, mouse and laser printer. Facility to monitor reaction data, review data, correction, reagent monitoring. Facility to store patient data and good memory backup. System should have Bidirectional interface for PC.
30.	<b>Quality Control:-</b> LeveyJenning quality control programmes and twin plot.
31.	<b>Reagents and Consumables:-</b> The manufacturer / supplier should supply QC Material, other reagents as and when required.
32.	<b>Alarm System:-</b> The system should be supplied weight based level sensing platform with facility to give alarm for keeping the deionized water tank cleaning solution tank, biohazard waste tank and normal waste tank.
33.	<b>Other Requirements:-</b> Start up reagents, preventing maintenance kit, suitable deionizer plant with reverse osmosis, UPS with min two hrs batteries backup to be supplied with the system. The instrument should have the capability to interface a computer and data acquisition also barcode reading facility. The system should have appropriate serial port.
34.	The instrument should be accompanied with two (02) ton split AC, 350 lit two (02) in number standard Microcontroller laboratory refrigerator for proper storage of kits and reagent of the equipment, Addition latest and advance computer 500 GB along with printer, scanner and copier.
35.	The reagents for like blood sugar, Amylase, Lypase, Uric acid, Cholesterol, TG and

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	direct HDL, Hormones, AST, ALT, Alkaline Phosphatase, Urea, Creatinine, Cystain C, Gamma GGT, Immunoturbidimetric (CSF protein) for at least 200 tests for each chemistry along with controls and calibrator and an electrode with ISE buffer to be provided for at least 200 tests and for ISE electrode should accompany with instrument <b>free of cost</b> for stat up instrument.
36.	Freezing of cost excluding of GST of Close item reagents, Tubing, Auto wash solution for Chemistry, Multi calibrator, control of normal and abnormal for chemistry, probe wash solution, Halogen bulb, Cost of Probe, preventing maintenance kits (PM-Kit), suitable deionizer plant maintenance etc for <b>Five Years</b> for work load of 3000 chemistry tests per day and 100 ISE tests per day of electrolytes (include electrode of $\text{Na}^+ \text{K}^+ \text{Cl}^-$ and reference electrode separately), ISE reagent Module (One test include $\text{Na}^+ \text{K}^+ \text{Cl}^-$ ).
37.	During warranty period all consumables, tubing and preventing maintenance kit (PM-Kit) and other spare parts should be provided by company free of cost.
38.	<b>Warranty:-</b> Two years warranty from date of installation.
39.	Instrument should be compatible with HMIS, with preloaded software free of cost.
40.	The Instrument should be CE Certified (EC Declaration of Conformity from Original Manufacturer) along with ISO 13485 (Full Quality assurance) or USFDA approved.

## Consignee Details

M/s. Transasia Bio-Medicals. Ltd.		
Heavy Duty Fully Automated Chemistry Analyser (Make&Model: Erba Mannheim /Transasia, XL640 with ISE)		
Delivery Period	6 weeks from the date of receipt of order	
PO Reference No.	No.: 2405 / Haffkine/Procurement Cell/E-134/Repeat Order/Heavy Duty Fully Automated Chemistry Analyser /2019-20 Date: 27/12/2019	
Sr. No.	Name & Address of the Consignee	Qty.
1.	Sir J.J. Group of Hospitals, Mumbai.	02
	Total:	02

मा. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार



General Manager  
(Procurement)  
HBCL Mumbai

Dr. Rajesh Deshmukh  
Managing Director

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