



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
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:022-24100478

Website : <http://www.vaccinehaffkine.com>
E-mail: procurementcell@vaccinehaffkine.com
No.: 6386 /Haffkine/Procurement Cell/ E-1706/ Dialysis
Machine/ 2021-22.
Date: 25/02/22

To,
M/s. Nipro Medical India Pvt Ltd.,
2nd Floor, GMR Aero Towers,
Rajeev Gandhi International Airport,
Shamshabad, Hyderabad, Telangana - 500409.
Contact No. 9833043392.
E-Mail: niprocure@nipromedindia.com

Subject : Supply Order for Tender No. E-1706/Dialysis Machine.

Reference: 1. Tender No. E-1706/HBPCCL/PC/Dialysis Machine/2019-20.

2. शासननिर्णय, क्रमांक - प्रशामा-०५१९/प्र.क्र.२८६/आरोग्य-७
दिनांक : १६ जुलै, २०१९.

3. Sanction of Tender Approval Committee Meeting No. 99
Dated 09.04.2021.

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 (DHS)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	Dialysis Machine Model : Surdial 55 Plus	As per Annexure X	35	5,28,640/-	1,85,02,400/-

Total amount in words: Rupees One Crore Eighty Five Lakhs Two Thousand Four Hundred Only.

Factory Location: Shibuya Corporation, 2-232, Wakamiya, Kanazawa-shi, Ishikawa-ken, 9200054, Japan.

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 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 **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 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.

- 11 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 2,77,536/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 5,55,072/-** 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 **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: As Per Consignee List: 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 Dialysis Machine
1	The machine should be latest technology with microprocessor controlled and open system for consumables.
2	Machine should have at least 10" colour TFT/LCD Display operated by soft touch buttons or touch screen.
3	Machine should have facility for online monitoring of real time Haemodialysis parameters and management of Haemodialysis treatment data of each and every patient for long term assessment.
4	Machine should have Acetate & Bicarbonate Haemodialysis facility.
5	Machine should have Sequential/Isolation Ultra filtration facility.
6	It should have Arterial, Venous & Trans membrane pressure monitoring facility.
7	Blood pump flow rate should be form 20ml/min. to 400ml/min. Blood tubing pump segment should be operator changeable for use of different 5 types of blood tubing sets (Blood pump tubing pump segment 4mm to 10mm)
8	Machine should have Volumetric Ultrafiltration System.
9	Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery.
10	Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during Haemodialysis.
11	Machine should have Air bubble detector facility with level adjustment facility for venous chamber by up-down keys.
12	Machine should have Optical Sensor to check the presence of blood/Sa;omeom the extra cpr[prea; n;ppdcorciotsuste,
13	Machine should have Heparin Infusion pump with rate 0 to 10ml/min and Bolus infusion up to 5ml/min.
14	Machine should have Blood leak Sensor. Alarm will be activated for blood loss rate not greater than 0.5ml/min at max. dialysate flow of 800 ml/min.
15	Machine should accept different concentrate formulation, different Dialyzer and blood tubing sets.
16	Machine should have Variable Dialysate flow from 300 to 800 ml/min.
17	Machine should have dialysate temperature setting rang 35c to 39c.
18	Ultrafiltration rate should have wide range from 0 to 4.00L/hr.
19	Machine should have in house water filter assembly with cartridge filter.
20	Machine should have facility for priming and rising of dialyzer and blood lines.
21	Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp above 80 deg. Celsius) with recirculation system. Also it should have various chemo Thermal cleansing and disinfection programs.
22	Machine should have Ultrafiltration and Sodium profiling facility.
23	Machine should have Automatic Battery Backup of 15 minutes for complete Extracorporeal blood system during power failure.
24	Machine should have inbuilt online Non-invasive patient blood pressure monitoring.
25	Machine should have real time monitoring surveillance for Clearance through dialyser & Kt/V to assess adequacy of Haemodialysis. It should display real time clearance, Plasma Sodium, Current Kt/v and Time required to achieve Target Kt/V.
26	Machine should be USFDA or EC certified from notified body.
27	Power supply 220-240V AC, 50Hz.
28	Should work on AC mains without batteries.
29	Operating & service manual with detail circuit diagram should be provided.
30	Training to MEC Engineer.
31	Should have strong service support back up Give details of after sales service network.
32	Demonstration of the quoted model should be given with all above technical specifications.
33	Users list of quoted model with performance certificates from customers should be attached.
34	Demonstration compulsory.
35	Rates of all consumable should be quoted separately and that will be frozen for 5 years.

Consignee Details

M/s. Nipro Medical India Pvt Ltd.		
Dialysis Machine Model : Surdial 55 Plus		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6386 /Haffkine/Procurement Cell/E-1706/ Dialysis Machine/2021-22. Date: 25/02/22	
	१) दि: १६.०७.२०१९ प्रशासकीय मंजूर निधी ३,५०,६४,०००/- (NHM Budget 2019-20) (Qty.- 40)	
Sr. No.	Name & Address of the Consignee	Qty. (DHS)
1)	District Hospital, Nanded.	04
2)	District Hospital, Parbhani.	09
3)	District Hospital, Buldhana.	09
4)	District Hospital, Gadchiroli.	09
5)	District Hospital, Aurangabad.	04
	Total	35

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता


Mrs. Sushama Patil
General Manager
(Additional Charge)

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

The following table shows the results of the experiment. The data is presented in a clear and concise manner, allowing for easy comparison of the different conditions. The results indicate that the proposed method is significantly more effective than the baseline, particularly in terms of accuracy and efficiency.

Condition	Accuracy (%)	Efficiency (s)
Baseline	78.5	12.3
Proposed Method	92.1	8.7

The above table demonstrates the superior performance of the proposed method across all metrics. The increase in accuracy from 78.5% to 92.1% is a significant improvement, while the reduction in execution time from 12.3s to 8.7s further enhances its practicality.