

REQUEST FOR BUDGETARY ESTIMATE

Ref.: HSCC/MEA(NEPAL-2022)/Med. Eqpt./01 dt. 12.05.2022

HSCC (India) Ltd. intends to invite On-line bids from eligible bidders, in single stage two bid system for supply, installation, testing, commissioning & handing-over of Dialysis Machine (with Portable RO Plant) for various Hospitals in Nepal. The Technical Specifications are attached at Annexure-I. The equipment should have 2 years warrantee.

It is requested to submit the Budgetary Quotation in Company Letter Head, as per the single page format enclosed at Annexure-II, in both Hard & Soft Copy within 10 days of issue of this Notice at following address:

General Manager (Project)
HSCC (India) ltd.,
E-6(A), Sector-1,
NOIDA (U.P.) – 201 301.

Soft copy may please be sent on following e-mail ID:

pk_bhatia @hsccltd.co.in &
t_nath@ hsccltd.co.in

GM (Project), HSCC (I) Ltd

Specifications for Dialysis Machine to be supplied to Nepal

- ✓ • Color LCD, 10.4 touch screen with high clarity and self-explanatory icons.
- Acetate and bicarbonate dialysate facility.
- Sequential/ISO ultrafiltration facility.
- Arterial and venous pressure monitoring facility with audio visual alarm
- ✓ • Blood pump flow rate range is minimum 10 ml/min to max 600ml/min
Incremental steps by 5ml/min
- ✓ • Single needle dialysis facility available.
- Volumetric Ultra Filtration system.
- ✓ • Heparin infusion pump capacity is 0.1ml/hr to 9.9 ml/hr. with bolus infusion of 5ml/hr.
- The syringe size selectable to 10ml, 20ml and 30ml.
- Equipped with bicarbonate powder cartridge system.
- Customized Bicarbonate Profiling
- Accept different concentrate formulas, different dialyzers and blood tubing's
- ✓ • Variable dialysate flow from 300ml/min to 800ml/min with the increment of 50ml/min.
- Ultrafiltration rate is 0.1 L /hr to 5.00 L /hr.
- Easy to service, troubleshoot and calibrate the machine with dialysate circuit flow diagram on screen.
- Machine should have chemical disinfection as well as heat clean disinfection facility.
- Heat disinfection: temperature @ 85 degree Celsius possible.
- Facility for disinfection history and auto off facility.
- Profiling facility for ultrafiltration and dialysate sodium
- Battery back up support for minimum 20 min. for complete extracorporeal blood circuit.
- Facility to view Dialysate path flow diagram on screen.
- Facility to measure patient blood pressure with non –invasive method which shall be inbuilt in the machine Kt/V measurement to access the adequacy of dialysis.
- Endotoxin filter supports more than 200 dialysis treatments or 1200 running hours whichever earlier.
- Hydraulic Flow monitoring available in the screen for diagnosis and easy maintenance of the machine.
- Elevated Traffic light for better visibility from nurse station
- Security: maintenance and conductivity settings password protected
- Space Saving - Super sleek design – 280 W* 420 (D) *1365(H)

- Alarm Log History for atleast 1000 Incidents for review and improvements of dialysis treatment operations.
- Screen should be rotatable (180°), for better userInterface
- Electronic Health records of patient treatment which is displayed in machine monitor to be captured through Healthcare Data Management System(HDMS)
- HDMS system should be built in open platform so that it's easy to integrate with anyother HIS (Hospital InformationSystem)
- HDMS need to be both Cloud Based and local need to be available to save local hardware and infrastructure managementcost
- HL7 database complaint
- HDMS Need to be indigenous and made in India for ease of use and better technological support.
- HDMS Customisation need to be possible as per userrequirements
- Automatic diagnosis of malfunction with online abiity to show the faults withtrouble.
- ✓ European CE / MOH Japan Certification /USFDA

Specific requirements of Government of Nepal:

1. Dialysis machine shall be provided with RO system
2. Installation at the various sites within Nepal should be done by the supplier.
3. Warranty for 2 years should be covered including the required consumables for the smooth operation of the machine.
4. Calibration tool for the machine should be provided.
5. Accessories like bacteria filter at least 2 sets for each machine and polysulphine dialyser and tubing (100 sets for each machine) should be provided.

ANNEXURE-II

Ref.: HSCC/MEA (NEPAL-2022)/Med. Eqpt./01 dt. 12.05.2022

BUGETARY QUOTATION

1)	Sr.		
2)	Name of Item:		Dialysis Machine as per attached Specifications at Annexure-I
3)	Model No.:		
4)	Name of manufacturer & Address:		
5)	Contact Details of the Firm submitting Budgetary Quotation:		
6)	Budgetary Cost of Equipment:		
	The Budgetary Cost of Equipment includes the following:		
	1) All Taxes & Duties on FOR India Embassy , Kathmandu basis.		
	2) Insurance till installation.		
	3) Inclusive of 2 years Warranty.		
	4) Delivery - within 30 days from the date of issue of Purchase Order		
	5) Installation within 30 days from the date of Delivery		
	6) Cost inclusive of 3 rd Party Inspection by reputed Agencies i.e. SGS / Llyod / TUV / Bureau Veritas		

NOTE:

1. Please enclose a copy of Last Purchase Order for the same Model (preferably from a Govt. Institute).
2. Copy of Catalogue / Brochure / Product Data Sheet etc to be submitted.

(Sign & Stamp of Firm)