

*Tender Bid
is invited from*

**Companies/Firms/Agencies/Institutions for
Setting Up & Operationalising Dialysis Units through Public
Private Partnership (PPP) in District Hospitals & Medical College
Hospitals of Bihar**

Project Description

State Health Society Bihar is implementing the National Rural Health Mission (NRHM) to improve the availability of and access to quality health care for people.

Tender Bid is invited from interested Companies/Firms/Agencies/Institutions for 'Setting Up & Operationalising Dialysis Units through Public Private Partnership (PPP)' in 25 District Hospitals and 6 Medical Colleges of Bihar.

Project Area – 25 District Hospitals (list given as Annexure I) and 6 Medical Colleges (list at Annexure II)

Project Scope – To operate, maintain and report 24-hours Dialysis units in District Hospitals and report the progress to the Civil Surgeon and the SHSB.

Project Condition -

- The State Government shall provide vacant space in the premises of the District Hospital itself at the discretion of the Civil Surgeon of the concerned DH, with additional space for washing and RO plant installation (incase it is not in-built)..The space provided shall be approx. 750 sq.ft. including RO plant.
- The agency has to provide everything from equipments & machine, logistics to personnel; the said DH will only provide space for the Dialysis Unit.
- Any civil work required for the purpose like water, drainage system, other plumbing work shall have to be undertaken by the agency itself.
- The agency has to ensure the installation, maintenance, functioning with provision of technical manpower round the clock.
- No rates to be charged from the patients by the Agency. The Govt. shall be free to charge any rate it deems fit from the patients.
- Government/SHSB shall pay a monthly rental to the agency, based on the monthly cost as projected by them in the financial bid
- Water and electricity charges shall have to be borne by the Agency.
- The consumables shall be the responsibility of the patients, however in case of emergency provision of the same shall have to be made by the agency which shall be reimbursed to the agency at market price.
- The agency may also be asked to take up other hospitals like Sub-Divisional Hospitals or the 11 newly created District Hospitals (Annexure III) at the same rates.

Equipment related Specific Conditions for Dialysis Unit –

- ✓ The machine should be able to do haemodialysis in the dialysis Dept
- ✓ The system should work on standard 230 volts and should have its own battery back up to last for an emergency shut down.
- ✓ Should have touch screen or hard keys to enter data.
- ✓ Should have a user definable profile for Na, Bicarbonate, Dialysate flow, Temperature, Heparin.
- ✓ Should be mounted on its own wheels.
- ✓ Should have internal heating system and load cell weighing system.
- ✓ Should have various alarms and blood leak detector alarm in case of failure or leak in the machine or the kidney (Filter).
- ✓ Should have technical service mode associated with alarms.
- ✓ Should have clamps to hold the artificial kidney.
- ✓ Should have place to house the Bicarbonate Dialysate in use.

- ✓ Unit must be able to carry out BP monitoring and online clearance.
- ✓ The machine should have the following components:
 - (a) Heparin Pump
 - (b) Drip chamber
 - (c) Arterial Pressure monitoring
 - (d) Venous pressure monitoring
 - (e) Trans membrane pressure monitoring
 - (f) Arterial blood pump
 - (g) Blood volume management
 - (h) Blood temperature management
- ✓ Unit should have the facility for data acquisition and management and hence must have the capability to be networked through the HIS.
- ✓ It should be DICOM, HL-7 compatible.
- ✓ Dialysis unit with an inbuilt RO system or a portable dialysis unit, if available, should be quoted as option.
- ✓ The Detailed technical specification of Machine will be required.
- ✓ The machine should have FDA approval and related standard quality certificates.

Specific Conditions for R. O. Water Treatment System

- ✓ The Reverse Osmosis water treatment plant will be used for water treatment, which will be used for purpose of haemo dialysis.
- ✓ The system should be a comprehensive unit for both RO and Water treatment.
- ✓ The plant should be compact and should be able to be shifted if required.
- ✓ It should be noise less and require minimum mounting accessories
- ✓ The RO plant should match the specification and requirement of the dialysis unit or should be recommended by the principle company.
- ✓ The plant unit should be service friendly for the purpose of changing filters or related accessories during routine cleaning and service.
- ✓ A standard maintenance and testing kit should be provided for along with the machine.
- ✓ Spares required including carbon filter should be easily and locally available in the Indian market.
- ✓ Should have Quality marks and approvals.
- ✓ Capacity of the RO plant should be enough to support 8 dialysis machine, i.e. approx 400-450ltr/fr.
- ✓ Technical detail to be submitted with above information.

Man Power Requirements

- ✓ One nephrologist will be required.
- ✓ One physician, two dialysis technicians and one class IV staff per shift will be required.

Project Timeframe- The project would be initially for ten (10) years depending upon performance further extension will be considered.

Project Option– Agencies giving bids for all the District Hospitals shall be given preference.

Other Facilities To Be Ensured - Round the clock necessary power back-up

Minimum Eligibility Criteria -

- ✓ The intending body should have a minimum average annual turnover of Rs. 5 Crore or above in the last three years.
- ✓ A market standing of minimum 3 years in the area of operationalising and setting up dialysis units.
- ✓ Possess Service Tax certificate.
- ✓ Must not be blacklisted by any agency or have pending case either Civil or Criminal against them.
- ✓ A demonstrated ability of handling dialysis facility.
- ✓ Earnest Money: Demand Draft of Rs. 10,000/- (refundable) in favour of State Health Society, Bihar.

Please Note : In case the L1 party is unable to provide the services, the SHSB shall reserve the right to award the bid to the other bidders at the L1 rate.

Submission Requirements - Interested Agencies/Firms/Institutions/Companies, wishing to undertake the above task on behalf of State Health Society Bihar, may submit, **in two sealed large envelopes** marked “Tender bid for Setting up & Operationalising Dialysis Units in DHs & MCHs- Technical Bid” and “Tender bid for Setting up & Operationalising Dialysis Units in DHs & MCHs – Financial Bid”. If both financial and technical bids are received in the same envelop, the tender bid shall be automatically rejected.

You are requested to clearly indicate each of the submission requirements mentioned below along with the relevant page number in your cover letter/ application accompanying the technical proposal.

The **Technical Bid** should include the following –

- (i) Approach to the project
- (ii) Capability Statement, in not more than two A4 pages & detailed list of installations in India.
- (iii) Background of the firm/organisation, in not more than two A4 pages
- (iv) Summary of the equipments proposed to be set up in the Dialysis Units
- (v) Annual turnover with details and audited annual report for last 3 years
- (vi) Demand Draft of Rs. 10,000/- (refundable) in favour of State Health Society, Bihar.

Besides the above the following documents should also be submitted -

- (i) Registration Paper
- (ii) No-conviction certificate for the last three years submitting affidavit from Magistrate that they are not blacklisted by any Govt. Dept./Govt./Ministry or that there is no pending case in any Court of Law
- (iii) Offer of type of Service
- (iv) District Hospital preference if any or all

Evaluation of Technical Bid: The firm needs to satisfy the Minimum Eligibility Criteria to be considered technically qualified. In case no competent bid is received for providing all the services in any given category, the SHS reserves the right to relax provisions.

Financial Bid envelop should contain the monthly cost that shall be payable to the agency for the above task being offered with the Government/SHSB. The financial bids shall be submitted in the following format:

Sno.	Name of District	Cost per month for running the unit

Submission of tender -

The tender should reach the office of the State Health Society Bihar by 5.00 pm on 26.03.2008 through Registered Post/Courier/Speed Post. Tender bids received after this time, shall not be entertained. The technical bids will be opened on 27.03.2008 at 11 AM in the presence of bidders or their authorised representatives who desire to be present.

In case the short listed Company/Firm/Agency/Institution declines to take-up the project after being awarded the contract, it would be barred from applying for any project of any kind in State Health Society Bihar for a period of 3 years from the date of award.

The decision of the State Health Society Bihar shall be final, and no enquiries, or application for review, shall be entertained. The State Health Society Bihar reserves the right to cancel or reject any tender without assigning any reason.

Executive Director

Annexure I

List of District Hospitals

Name of District	Name of Sadar Hospital
Aurangabad	Sadar Hospital
Begusarai	Sadar Hospital
Bhagalpur	Sadar Hospital
Bhojpur	Sadar Hospital
Champaran East	Sadar Hospital
Champaran West	M.J.K. Sadar Hos.Bettiah
Gaya	Pilgrim Hospital Gaya
Gopalganj	Sadar Hospital
Jehanabad	Sadar Hospital
Katihar	Sadar Hospital
Khagaria	Sadar Hospital
Madhepura	Sadar Hospital
Madhubani	Sadar Hospital
Munger	Sadar Hospital
Muzaffarpur	Sadar Hospital
Nalanda	Sadar Hospital
Nawada	Sadar Hospital
Purnia	Sadar Hospital
Rohtas	Sadar Hospital
Saharas	Sadar Hospital
Samastipur	Sadar Hospital
Saran	Sadar Hospital
Sitamarhi	Sadar Hospital
Siwan	Sadar Hospital
Vaishali	Sadar Hospital

Annexure II

List of Medical College Hospitals

Name of Place	Name of Medical College Hospital
Patna	Nalanda Medical College Hospital (NMCH)
Darbhanga	Darbhanga Medical College Hospital (DMCH)
Bhagalpur	Jawahar Lal Nehru Medical College Hospital (JLNMCH)
Muzaffarpur	SKMCH
Gaya	ANNMCH

Annexure III

Name of District	Name of Newly created DH
Araria	Sadar Hospital
Arwal	Sadar Hospital
Banka	Sadar Hospital
Buxar	Sadar Hospital
Jamui	Sadar Hospital
Kaimur	Sadar Hospital
Kishanganj	Sadar Hospital
Lakhisarai	Sadar Hospital
Sheikhpura	Sadar Hospital
Sheohar	Sadar Hospital
Supaul	Sadar Hospital

Sl. No.	Name of District	Name of Sub. Divisional Hospital
1	Araria	Sub. Div. Hos. Araria
2	Banka	Sub. Div. Hos. Banka
3	Bhagalpur	Sub.Div.Hosp.Naugachia
4	Buxar	Sub.Div. Hosp.
5	Champaran West	Sub. Div. Hos. Bagha
6	Gopalganj	Sub. Div. Hos. Hathua
7	Jamui	Sub. Div. Hos. Jamui
8	Jhanabad	Sub. Div. Hos. Jhanabad
9	Kaimur	Sub. Div. Hos. Bhabhua
10	Kishanganj	Sub. Div. Hos.Kishanganj
11	Lakhisarai	Sub. Div. Hos.Lakhisarai
12	Madhubani	Sub. Div. Hos. Jhanjarpur
13	Nalanda	Sub. Div. Hos. Hilsa
14	Patna	Sub. Div. Hos. Barh
15	Patna	Sub. Div. Hos. Danapur
16	Patna	Sub. Div. Hos. G.G.S.Patna City
17	Rohtash	Sub. Div. Hos. Bikramganj
18	Samastipur	Sub. Div. Hos. Dalsingsarai
19	Samastipur	Sub. Div. Hos. Pusa
20	Samastipur	Sub. Div. Hos. Rosra
21	Sheikhpura	Sub. Div. Hos. Sheikhpura
22	Sheohar	Sub. Div. Hos. Sheohar
23	Supaul	Sub. Div. Hos. Supaul