

*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

| <b>Name of District</b> | <b>Name of Sadar Hospital</b> |
|-------------------------|-------------------------------|
| 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

| <b>Name of Place</b> | <b>Name of Medical College Hospital</b>             |
|----------------------|---|
| 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            |