



## **Notice Inviting e-Tender**

**West Bengal Medical Services Corporation Limited**  
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**Supply and Commissioning of Dialysis Machines at R.G.Kar  
Medical College and Hospital**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-488/2023**

**Dated-18.08.2023**

### **Amendment-I**

## **REVISED TECHNICAL SPECIFICATION**

| <b>Specification</b>                                     | <b>Specification Name</b>              | <b>Bid Requirement<br/>(Allowed Values)</b>        |
|--|--|--|
| Construction,<br>Operation And<br>Functional<br>Features | Material of the body                   | Polypropylene (PP), Aluminium and FRP              |
|  | Arterial Pressure Monitoring           | -300 mm Hg to +300 mm Hg, -750 mm Hg to +750 mm Hg |
|  | Arterial Blood pump flow rate (ml/min) | 0 to 600   |
|  | Variable dialysate flow (ml/mt)        | 300 to 800   |
|  | Dialysate Temperature (degree          | 33 to 40   |

|                          |   |  |
|--------------------------|---|--|
|                          | C)  |  |
|                          | Machine should have Single Needle dialysis facility   | With single blood pump   |
|                          | Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery        | Yes  |
|                          | Heparin infusion pump delivery range (ml/hr)  | 0 to 10, 0 to 20   |
|                          | Heparin infusion pump bolus infusion range (ml)   | 0 to 5, 0.5 to 5, 0.1 to 9.9   |
|                          | Machine should have builtin automatic pulse rate and blood pressure (NIBP) monitoring unit                | Yes  |
|                          | Built-in online NIBP recording facility   | Yes  |
|                          | Machine should be up gradable to future software development and can be linked for Data Management System | Yes  |
| Standard Accessories     | Bacterial filters (Sets) must be provided   | 8  |
| User Interface           | Colour panel display size (inch)  | 10 or more   |
|                          | USB or Ethernet for file sharing  | Yes  |
| Certifications & Reports | Product certification   | Should have European CE (4 digit Notified body) / US FDA / BIS / CDSCO approved. |
|                          | Certification, performance and safety standards specific to the device                                    | IEC 60601-2-16, ISO 14971:2007   |
| Additional Requirement   | UPS requirement   | 3 KVA online UPS with 30 mins backup   |
|                          | NIBP CUFF and NIBP HOSE   | 2 Nos each   |