



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

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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

Specification	Specification Name	Bid Requirement (Allowed Values)
Construction, Operation And Functional 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 built-in automatic pulse rate and blood pressure (NIBP) monitoring unit	Yes
	Built-in online NIBP recording facility	Yes
	Machine should be upgradable 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