



Notice Inviting e-Tender

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

Phone No (033) 40340307/20

E mail: procurement@wbmsc.gov.in

Supply and Commissioning of different types of Medical Equipment at Medical College and Hospital of the Govt. of West Bengal

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-215/2018

Dated-12.10.2018

Amendment-II

REVISED TECHNICAL SPECIFICATION

DIALYSIS MACHINE:

PARAMETER / FEATURE	THRESHOLD LIMIT / RANGE
DIALYSATE TEMPERATURES - SELECTION IN DEG CENTIGRADE	35- 39
DIALYSATE TEMPERATURES - SELECTION INCREMENT IN DEG CENTIGRADE	0.5
VARIABLE CONDUCTIVITY SETTING IN ms/cm	(13 - 15) OR MORE
VARIABLE DIASYLATE FLOW IN ml/min with increment facility of 50 ml/min	300 - 800
COMPATIBILITY OF HEPARIN PUMP WITH SYRINGE SIZES	UP TO 30 ml
HEPARINE PUMP FLOW RATE IN ML/HR	(0.1 TO 10) OR MORE

HEPARINE PUMP FLOW RATE INCREMENT IN ML/HR	0.1
ULTRAFILTRATION RATE IN LITRES / hr	0.1 TO 2.5
BLOOD PUMP FLOW RATE IN ml/min	50 - 500
MUST HAVE SPECIFICATIONS	
PARAMETER / FEATURE	Yes/No
SEPARATED IN AND OUT FLUID CIRCUIT	
ISOLATED ULTRAFILTRATION	
BLOOD PUMP ADAPTABLE TO AV BLOOD LINES	
FACILITY FOR ACETATE, BICARBONATE, SEQUENTIAL DIALYSIS (ISOLATED UF)	
HIGH FLUX DIALYSIS	
BACTERIAL/ PYROGEN FILTER- BEFORE WATER ENTERING IN TO DIALYSER MACHINE	
Na, BICARBONATE AND UF PROFILING	
INTEGRATED HEAT AND CHEMICAL DISINFECTION PROGRAM	
FEEDBACK CONTROL CONDUCTIVITY MIXING TECHNIQUE	
UF CONTROLL BY FLOW MEASUREMENT TECHNIQUE	
UF CONTROLL BY VOLUME MEASUREMENT TECHNIQUE	
ALL IMPORTANT DATA SHOULD BE PRESENTED SO THAT MACHINE CAN BE USED ANYTIME WITHOUT FEEDING DATA EVERY TIME	
AUTOMATIC SELF TEST FACILITY	
AUTO ON/ OFF FACILITY AS PER ALARMS	
AUTOMATIC DIAGNOSIS OF MALFUNCTIONING WITH ON LINE ABILITY TO SHOW THE FAULTS WITH TROUBLE	
ABILITY TO BE CONNECTED TO COMPUTER TO FEED ALL DATA AND TROUBLE SHOOT WHENEVER ANY PROBLEM	

AUDIOVISUAL ALARMS ON: LIMIT VIOLATION OF CONDUCTIVITY , BLOOD LEAK, AIR LEAK, TRANSMEMBRANE PRESSURE, DIALYSIS PRESSURE, DIALYSIS TEMPERATURE, DIALYSIS CAN EMPTY, END OF DISINFECTION, BYPASS, BLOOD PUMP STOP, REVERSE ULTRAFILTRATION	
DISPLAY OF TREATMENT PARAMETERS - BOTH BY GRAPH AND FIGURE	
BLOOD VOLUME SENSOR, BICARBONATE SELECT TECHNIQUE	
MEASUREMENT AND MONITORING OF EFFECTIVE UREA CLEARANCE AND DIALYSIS DOSE (KT/V)	
MONITORING OF PULSE RATE AND NIBP	
TOUCH BUTTON SCREEN AND CLOUR LCD SREEN	
Online UPS (30 minutes backup) of appropriate capacity for the entire system	
Standard & SAFETY Certification	
US FDA OR EUROPEAN CE	