



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ವೈದ್ಯಕೀಯ ಶಿಕ್ಷಣ ನಿರ್ದೇಶನಾಲಯ
DIRECTORATE OF MEDICAL EDUCATION
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No. ME/TENDER/20/2021-22.

Dt. 06/01/2022

“ನೋಟಿಸ್”

ಕೋವಿಡ್-19 3ನೇ ಅಲೆ (ನೋವೆಲ್ ಕೊರೋನಾ ವೈರಸ್) ಸಾಂಕ್ರಾಮಿಕ ರೋಗದ ಚಿಕಿತ್ಸೆ ಸಲುವಾಗಿ ಅಗತ್ಯ ವೈದ್ಯಕೀಯ ಉಪಕರಣಗಳನ್ನು ಕೆಟಿಪಿಪಿ ಕಾಯ್ದೆಯ 4ಎ ಅಡಿಯಲ್ಲಿ ಖರೀದಿಸಲು ತೀರ್ಮಾನಿಸಲಾಗಿದೆ.

ವೈದ್ಯಕೀಯ ಉಪಕರಣಗಳ ವಿವರಗಳನ್ನು ಈ ನೋಟಿಸ್‌ನೊಂದಿಗೆ ಲಗತ್ತಿಸಿದ್ದು, ಸದರಿ ಉಪಕರಣಗಳಿಗೆ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ನು ಪೂರೈಸಿ ಅರ್ಹರಾದಲ್ಲಿ ಆದೇಶ ಪಡೆದ ನಂತರ ಕೂಡಲೇ ಸರಬರಾಜು ಮಾಡಲು ಸಾಧ್ಯವಾಗುವಂತಹ ಸರಬರಾಜುದಾರರು ದಿನಾಂಕ:- 07/01/2022 ರ 3.00 ಅಪಾರಾಹ್ನ ಒಳಗಾಗಿ ಅಗತ್ಯ ದಾಖಲೆಗಳೊಂದಿಗೆ ಈ ಕೆಳಕಂಡಂತೆ ಸಲ್ಲಿಸಲು ತಿಳಿಸಿದೆ.

Supplier shall fulfill the below mentioned Terms & Conditions and also should submit the required documents/proof without fail:

Sl No	Description	Remarks
1	Hard Copy Technical Documents	1. Shall be submitted on or before 07.01.2022 3.00 PM 2. Hard Copy Technical Documents shall be submitted to Personal Section, Directorate of Medical Education, Anand Rao Circle Bangalore
2	Financial Bid	1. Shall be submitted through email to dmekarnataka@yahoo.com on or before 07.01.2022 3.00 PM only
3	Technical Documents to be submitted compulsorily, failing which bid will not considered.	1. Manufacturer License in case of manufacturer 2. Manufacturer Authorization in case of authorized distributor 3. Stock Availability Declaration 4. Service Center in Karnataka 5. Technical brochure 6. Technical Compliance Sheet 7. Warranty for 3 years undertaking letter from the manufacturer for the unit price quoted 8. List of items quoted. 9. Supply details of similar equipment in last three years 10. Atleast 5 purchase order copies received in last three years from other Govt or reputed pvt hospitals for the same equipment. 11. Warranty of all equipment shall be three years and CMC for 7 years shall be quoted seperately.

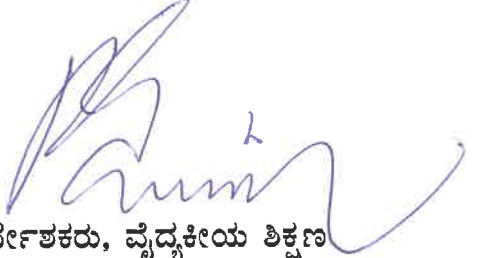
ನಿರ್ದೇಶಕರು, ವೈದ್ಯಕೀಯ ಶಿಕ್ಷಣ.

Equipment name and Specification

1.	Dialysis Machine (Haemodialysis Machine)
01	The Machine should be of latest technology with microprocessor controlled.
02	Machine should have at least 10" Colour TFT display operated by soft touch buttons or touch screen.
03	Machine should have Acetate & Bicarbonate dialysis facility.
04	Machine should have Sequential/Isolation Ultra filtration facility.
05	It should have Arterial, Venous & Transmembrane pressure monitoring facility.
5a	Arterial Pressure Monitoring : -300mmHg to +300mmHg
5b	Venous Pressure Monitoring : -60mmHg to +500mmHg
5c	Transmembrane Pressure Monitoring : -60mmHg to +500mmHg
06	Treatment parameters should be displayed by trend curve and digital both.
07	Blood pump flow rate should be from 20 ml/min. to 600 ml/min. Blood tubing pump segment should be operator changeable for use of different types of blood tubing sets (Blood Pump Tubing Pump segment 4mm to 10mm)
08	Machine should have Single Needle dialysis facility (Optional)
09	Machine should have Volumetric Ultrafiltration System.
10	Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery.
11	Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during dialysis.
12	Machine should have Air bubble detector facility with level adjustment facility for Venous

	chamber by up-down keys.
13	Machine should have Optical Sensor to check the presence of blood/saline in the extracorporeal blood circuit system.
14	Machine should have Heparin Infusion Pump with rate 0 to 10 ml/min. and Bolus Infusion up to 5 ml/min.
15	Machine should have Blood leak Sensor. Alarm will be activated for blood loss rate not greater than 0.5ml/min at max. dialysate flow of 800ml/min.
16	Machine Should accept different concentrate formulation, different Dialyzers and blood tubing sets.
17	Machine should have Variable Dialysate flow from 300 to 800 ml/min.
18	Machine Should have dialysate temperature setting range 35°c to 39°c.
19	Ultrafiltration rate should be from 0 to 4.00 L/Hr.
20	Machine should have In house water filter assembly with cartridge filter.
21	Machine should have facility for priming and rinsing of dialyzer and blood lines.
22	Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp. above 80 deg. Celsius) with recirculation system. Also it should have various chemo Thermal cleansing and disinfection programs.
23	Machine should have Ultrafiltration and Sodium Profiling facility.
24	Machine should have Automatic Battery backup of 15 to 20 minutes for complete Extracorporeal blood system during power failure.

25	Machine should have Inbuilt online Non-Invasive patient blood pressure monitoring.
26	Machine should be upgradable to future software developments and can be linked with Patient Data Management System (Optional)
27	Machine should be US FDA approved OR CE certified.
28	Power supply - 230VAC, 50Hz
29	Should work on AC mains without batteries.
30	Operating & service manual with detail circuit diagram should be provided.
31	Machine should have real time clearance surveillance for urea & Kt/V to assess adequacy of dialysis. It should display real time Urea clearance, Plasma Sodium, Current Kt/V and Time required to achieve Target Kt/V.
32	Training to MEC Engineer.
33	Should have strong service support back up. Give details of after sales service network.
34	Machine should have Comprehensive warranty for 2 years.
35	Demonstration of the quoted model should be given with all above technical specifications.
36	User's list of quoted model with the addresses & contact Nos. to be provided.
37	Demonstration compulsory.
38	Tropicalization:
39a	Operating room Temp.15°C upto 35°C
39b	Storage room temp 5°C upto 60°C
39c	Relative humidity 30%upto 75% non condensiry


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