SAST/CLPC/ACU-AHRC/ 253 /2025-26 Date: 13-01-2026

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturers (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of Equipment for the rehabilitation Centre Dept of Neurosurgery at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District).** as per section I & II.

01	Name of the work	Procurement of Equipment for the rehabilitation Centre Dept of Neurosurgery at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District).
02	Last Date for Tender Submission	On or before 31.01.2026 before 5.30 PM

Section-1

Instructions to Tenderers

1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpcheadtender@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
   i) Tender for Procurement of Equipment for the rehabilitation Centre Dept of Neurosurgery at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District).
   ii) Tender Reference number.....[Insert Number]
   iii) Address to ""The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmipuram, Bengaluru – 560086"
   iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
4) **Warranty:** 3 Years.
5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves

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all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.

6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.
7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure – 2.
8) **Validity of the Bid:** 90 days from the last date of submission of bid.
9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
   a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
   b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clpchead@bgscet.ac.in or telephone to +91- 8123707324.
13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
   a) For the delayed supply (3 days of grace period) – 5% deduction
   b) Quantity issues – 5 % deduction
   c) Quality issues – 10% deduction

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Section-2

Technical Specification

SL. No	Particulars	Qty	Rate in Rs.	GST %	Total Amount in Rs.
1.	Portable USG Machine	01			
2.	01 Ventilator	01			
3.	01 Defibrillator	01			
4.	Patient Monitors with Trolley	03			
5.	ECG Machine	01			
6.	Patient Warmer	01			
7.	Infusion Pumps	05			
8.	Syringe Pumps	05			
9.	10 Fowler's Cots (5-Function Manual)	10			
Total Amount (Exclusive GST) in Rs.					

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Technical specification For High Performance AI based Point of Care Color Doppler Ultrasound Unit for ICU, Emergency, Trauma, OT and Pain Clinics

A state of art fully digital, compact portable Color Doppler Ultrasound machine (weight <6.5 kg) is required with following technical features: -

Sl. No.	Technical Specifications
1	Should be top of the line and State of the Art fully digital compact portable ultrasound machine weighing less than 6.5 kg with provision for Doppler examinations
2	The unit should be compact, lightweight, full touch user interface with gesture recognition having multipurpose handle for probe, gel and adjustable rear support stand for use on flat surfaces.
3	Provided with high quality, compact stand with lockable wheels and should be having integrated three probe connectors from the same company
4	It should be suitable for abdominal, small parts, cardiac and vascular applications in both adults and pediatric patient.
5	Multiple preloaded as well as user configurable application presets should be available.
6	The system should have advanced measurement, manual and automatic for all applications.
7	System should offer Artificial Intelligence based Tools that includes Real-time EF, Auto VTI, Auto B-lines, Auto IVC, Nerve detection and Lung Diagram Tool.AI Enabled Auto Tools should include as below: - • **Real-Time EF** is an AI*-enabled tool that continuously calculates real-time ejection fraction during live scanning in apical 4CH view. • **Auto VTI:** Calculates the velocity time integral (VTI), stroke volume, CO Flux and cardiac output in a single step. Like the other tools, it includes a quality indicator to assist with image acquisition. • **Auto B-Lines:** Highlights and counts B-lines in real-time. Hit freeze and system should display the frame with the highest B-line count. • **Auto-IVC:** Measures IVC collapsibility. IVC diameter changes (Collapsibility or distensibility index) are measured and displayed in real-time upon completion of each respiratory cycle. • **Lung Tool:** See all ultrasound lung findings in one view. Keeps track of segmental lung assessment. This is helpful in showing trends in response to therapy. • **C-Nerve Tool:** AI based automatic Nerve detections tool mainly for Brachial Plexus, Femoral and Sciatic. • **VTI Trending:** to quickly visualize the trend and help and determine a next course of action in treatment.

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	• **eFAST diagram:** for scanning, one-tap allocation and quick review of images and findings belonging to different zones of the eFAST and FAST exam. • **MSK Tool Kit:** Simplifies shoulder exam documentation and follow-up by fast-tracking image labeling and image storage. Also facilitates patient therapy response by giving you the whole picture over treatment time. With **reference image** provides anatomy markups to assist novice users in scanning the correct anatomy. • **Catheter to Vessel ratio**: supports in selecting appropriate size catheter based on vessel diameter.
8	Maximum scanning depth to be 30 cm or more.
9	The system should have simple user interface and a full screen mode to get a full screen view of the scanned area.
10	System should support transducer technologies like phased array, convex, linear, TEE etc.
11	All transducers should be lightweight digital, broadband and phased array in cardiac type transducers.
12	Provision for three transducer connectors having inter-switch ability between the transducers on the system without the need of manual disconnection
13	The system should an integrated high resolution TFT / LCD of 15 inches (flicker free images) or more touch interface to support thorough cleaning for effective infection control.
14	Should be supplied with three transducers (one each):
•	Broadband Phased array cardiology transducer: 1-4 (+/-1)MHz for cardiac imaging.
•	Convex array transducer: 2-6 (+/-1)MHz for abdominal imaging.
•	High Frequency Linear transducer with buttons: 5-12 (+/-1)MHz for vascular and small part imaging.
15	The system should have a frame rate of at least 600 frames per seconds (fps) in B mode and more than 300 fps in Color mode.
16	System must be offered with Speckle Reduction Imaging: Image processing technique to remove speckles and clutter artifacts
17	The Systems should have cine loop review facility of not less than 60 sec/1000 frames.
18	System should have 120 GB or higher capacity internal HDD.
19	The system should have the facility of digital storage and retrieval of B/W and colour image data.

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20	Provision for USB port and LAN transfer of data should also be present.
21	The system shall support the all DICOM functionality, Storage, Print, and Work List, also ready to connect to PACS.
22	Imaging modes of Real time 2D, Colour, Pulsed wave, Continuous Wave and Power (energy) Doppler , Anatomical M-Mode should be available.
23	Controls for 2D mode: Total gain, depth, TCG, dynamic range, acoustic power output.
24	Controls for Colour Doppler: PRF, colour gain, position and size of ROI, steering of ROI, colour maps and colour invert.
25	Controls for pushed Doppler: variable sample volume size from 1 to 5mm or more, steer, PRF, baseline, gain angle correction, spectral invert duplex on/off.
26	Measurements for 2D mode: Multiple distances, area and volume.
27	Measurement for Doppler modes: Stenosis quantification in area percentage, Diameter, PSV, EDV, means, PI, RI, acceleration time and index. Automatic and manual measurements and display of pulsed Doppler calculations should be possible.
28	Unit should function with 200-240 V, 50 Hz AC, 5-amp power outlet power requirement to be specified
29	In built battery backup with battery run-time indicator, should minimum 2 hr scanning time or more.
30	System should have both Triplex and Duplex display and a wide range of probes, increases system versatility and adaptability to our clinical needs.
31	System should be having Enhanced Needle Tracking software.
32	The unit should be both United States Food and Drug Administration (FDA) and Conformity Europeans (CE) approved.
	Optional Transducer:-
	Hockey Stick Linear transducer: 7-17 (+/-1)MHz for vascular, small Nerve Block, MSK, Rheuma, ER (Pleural) part imaging for Pediatric and difficult cannualating patients.

Technical specification For High Performance Portable Color Doppler Ultrasound Unit

A state of art fully digital, compact portable Color Doppler Ultrasound machine is required with following technical features for Department

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Sl. No.	Technical Specifications
1	Should be top of the line and State of the Art fully digital portable console-based ultrasound machine weighing not more than 5.5KG with provision for all type Color Doppler examinations
2	The unit should be compact, lightweight, fully touch user interface with gesture recognition having multipurpose handle for probe, gel and adjustable rear support stand for use on flat surfaces.
3	Provided with high quality, compact stand with lockable wheels and should be having integrated two probe connector in the system.
4	System should be capable for Abdominal, Ob/Gyn Small parts, Anesthesia, Pain, Adult, Pediatric, Neonatal Cardiac, TCD, MSK , Rheumatology , Vascular & Adult Cardiac TEE Applications.
5	Multiple preloaded as well as user configurable application presets should be available.
6	The system should an integrated high resolution TFT / LCD of 14 inches (flicker free images) or more touch interface. It can be operated with gloves or sterile sheet on it & easy cleanability mode for effective infection control.
7	System should AI based automatic Nerve detections tool mainly for Brachial Plexus, Femoral and Sciatic nerves
8	System should offer Catheter to Vessel ratio which supports in selecting appropriate size catheter based on vessel diameter.
9	System should offer a MSK Tool Kit which simplifies shoulder exam documentation and follow-up by fast-tracking image labeling and image storage. Also facilitates patient therapy response by giving you the whole picture over treatment time. With **reference image** provides anatomy markups to assist novice users in scanning the correct anatomy.
10	System should offer Lung Diagram, eFAST diagram,*Renal Diagram* and panormic view for faster assessments for pathlogy for ED & MSK
11	Maximum scanning depth to be 35 cm or more.
12	The system should have simple user interface and a full screen mode to get a full screen view of the scanned area.
13	System should support transducer technologies like Phased array, Convex, Linear or Matrix Linear, TEE etc.
14	All transducers should be lightweight digital broadband type transducers.

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15	Provision for inter-switch ability between the transducers without the need of manual disconnection
16	The system should have advanced measurement, manual, automatic & post processing for all applications.
17	The system should have an ergonomic full alphanumeric soft keys keyboards with easy access scans control and trackball or touchpad.
18	Imaging modes of Real time 2D, Colour, Pulsed wave, Continuous Wave and Power (energy) Doppler , Anatomical M-Mode,TDI should be available.
19	The system should have a frame rate of at least 600 frames per seconds (fps) in B mode and more than 300 fps in Color mode.
20	System should have 128 GB or higher capacity internal HDD.
21	System should have recall image like compare and follow up mode
22	System should be having Enhanced Needle Tracking software that work with Colour also
23	The system should have the facility of digital storage and retrieval of 2D, Colour Doppler image data.
24	Provision for USB port and LAN transfer of data should also be present.
25	The system shall support the all DICOM functionality, Storage, Print, and Work List, also ready to connect to PACS.
26	The system should support wifi printing with thermal print
27	Controls for 2D mode: Total gain, depth, TCG, dynamic range, acoustic power output.
28	Controls for Colour Doppler: PRF, colour gain, position and size of ROI, steering of ROI, colour maps and colour invert.
29	Controls for pulsed Doppler: variable sample volume size from 1 to 16mm or more, steer, PRF, baseline, gain angle correction, spectral invert duplex on/off.
30	Measurements for 2D mode: Multiple distances, Area and volume.
31	Measurement for Doppler modes: Stenosis quantification in area percentage, Diameter, PSV, EDV, means, PI, RI, acceleration time and index. Automatic and manual measurements and display of pulsed Doppler calculations should be possible.
32	Unit should function with 200-240 V, 50 Hz AC, 5-amp power outlet power requirement to be specified
33	In built battery backup, should minimum 1 hr or more.

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34	System should have both Triplex and Duplex display and a wide range of probes, increases system versatility and adaptability to our clinical needs.
35	The unit should be both United States Food and Drug Administration (FDA) and Conformity Europeans (CE) approved.
36	**Probe to quote :-**
A	.Convex electronic array transducer: 1-5 (+/-1) Mhz for abdominal, Ob/gyn ,Pain, MSK, Anesthesia
B	High frequency Linear transducer: 4-12 (+/-1) Mhz preferably with customizable buttons for gain ,depth and other parameters on probe
C	Broadband Phased array cardiology transducer: 1-4 (+/-1)MHz for cardiac imaging.
	Optional Transducer:-
D	Hockey Stick Linear transducer: 7-17 (+/-1)MHz for vascular, small Nerve Block, MSK, Rheuma, ER (Pleural) part imaging for Pediatric and difficult cannulating patients **(To be quoted Optionally)**

Technical Specifications

Equipment Name: Ventilator ICU

I. Ventilation modes

1. Adlut/Paediatric mode.
2. volume Controlled mode.
3. Asst. Controlled mode.
4. Pressure Controlled Ventilation.
5. SIMV/V and SIMV/P.
6. Bi pressure Ventilation.
7. CPAP and PEEP.
8. Facility for Non-Invasive ventilation
9. Plateau Facility

II. Ventilation parameters: -

1. Tidal volume - 200 – 2000 ML (Adult patient). a. 50 to 300 ML (Paediatric PC mode).
2. Respiratory rate - 5 – 100 BPH.
3. Pressure - 0 – 100 cm H2O.
4. Inspiratory Peak Flow - 4 – 100 1/min.

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5. Minute volume - 1 – 30 1/min.
6. Oxygen Concentration - 21 –100 %
7. Inspiratory pause - 0.1 – 5.5 sec.
8. PEEP/CPAP - 30 cm H2O.

III. **Standard Accessories (with each machine): -**

1. Patient circuit (Adult reusable) - 2 complete set.
2. Patient circuit (Paediatric reusable) - 1 complete set.
3. Nebulizer Ultrasonic one - Complete set.
4. Humidifier - 1 No.
5. O2 Pressure Regulator with hose - 1 No.
6. AIR Pressure Regulator with hose - 1 No
7. 5 meters (conversion kit)
8. Hose for O2 connection with connector - 5 mts.
9. Hose for compressed air with connector - 5 mts.
10. Test lung - 1 No.

IV. **Features: -**

1. Back up mode for apnea.
2. Full alarm system for all ventilator settings and monitored values.
3. Monitor with LCD/TFT (10" or higher size) graphical display for real time simultaneous display of two waveforms. Should display minimum3 graphs and 2 loops and may not simultaneously
4. Monitoring of both patient data and set values should be possible with trend facility.
5. Direct access to vital settings
6. Transducer should be sterilizable and reusable.
7. PEEP valve should be built in.
8. Patient circuit should have a separate inspiratory and expiratory limb.
9. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL.

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V. **Pneumatic Gas Sources:**

1. In case of compressor failure it should also be operable with compressed air / oxygen supply of 45 to 60 psi..

VI. **Power Source: -**

220/240 V Ac 50 Hz supply.

Internal battery (maintenance free) with 1 hour minimum operating time for the ventilator

Vii. **Mounting**

Trolley/Cast mounting for easy transportation

TECHNICAL SPECIFICATIONS of DEFIBRILLATOR

1. Biphasic, Manual and AED with voice prompt, compact and light weight
2. Energy selection 5J to 200J in steps.
3. Momentary energy selection access on front panel.
4. Should have adult and pediatric paddles integrated on same handle.
5. Momentary charge key on front panel and on the apex hand.
6. Monitor should display selected and delivered energy
7. Should have disarm facility.
8. Energy should be delivered within 30ms after the detected R wave in synchronization mode.
9. Charging time maximum 5 sec for 200J.
10. Should have battery backup for 50 discharges of 200J.
11. Should have ECG inputs through paddles or 3 lead cables.
12. Should have display for selected ECG input source (I, II, III, paddles)
13. Lead off message should appear with alert tone.
14. Amplitude gain of ECG waveform should be adjustable
15. Should have display for heart rate.
16. Should have alarm for high and low HR.
17. Should have an inbuilt thermal recorder.
18. Should have enable/disable option for printer.

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19. Should supply 2 pairs of AED pads
20. Should operate on mains 230V, 50Hz
21. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced.

Technical Specification-Multiparameter monitor with Capnogram (Various)	
I.	**Multiparameter Monitor with Capnogram**
1	Should have TFT/LCD display with at least 10.4 inches with 4 wave forms and numeric display simultaneously. The waveforms should be user selectable.
2	Should be compact &portable with carrying handle
3	Monitor should have in built Lithium-ion type battery for 4 Hrs continuous operation in case of mains failure.
4	Should have keys for quick access to main functions.
5	Should be able to monitor ECG, SpO2, NIBP, Respiration Rate, ETCO2 & Temperature for adult, paediatric and neonatal patients
6	3 or 5 Lead ECG monitoring with lethal arrhythmia recognition capability and ST analysis
7	Respiration & Apnea alarm
8	Manual, Auto and STAT mode for NIBP monitoring and ranges should be 20 to 230 mmHg.
9	Pulse Oxymeter (SpO2) with Plethysmograph & Pulse strength indicator with variable pitch with change in SpO2
10	Side-stream Capnography with display of CO2 wave form & digital values (ETCO2, FiCO2, RR).
11	Should have separate volume control for beep sound for QRS and alarm sound.
12	The display setting should have at least 4 user defined setups variable as per applications for flexible use of the monitor in various clinical environments.
13	Monitor should have networking options
14	Should have separate volume control for beep sound for QRS and alarm sound.
15	**Should provide following accessories**
	• Microstream / Side stream ETCO2 disposable kit for adult-25 nos, paediatric & Neonatal – 2 nos. each

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	• Reusable adult 3 or 5 lead ECG cable set – 2 nos.
	• Reusable adult and pediatric SpO2 finger probes – 1 each
	• NIBP cuffs for standard Adult, Obese Adult,Child
16	Facility for last 24 hours trend review facility & facility for patient data entry
17	Equipment performance should not be affected by electromagnetic radiated or conducted through power lines from another device.
18	Should work on 200-240V AC/50Hz with inbuilt rechargeable battery.
19	Should have safety certificate from a competent authority CE/FDA (US)/ STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/test report shall be produced along with the technical bid.
20	Patients monitor trolly

Technical Specification-Multichannel ECG Machine (Various)	
I	**ECG Machine – 3 Channel**
1	Simultaneous 3 Channel ECG recording with 12 lead simultaneous acquisition
2	Should have visual alarm for open lead
3	Should have a digital display of 3 channel ECG
4	ECG Machine should have 3 modes of operation – Automatic, Manual & Rhythm (Not Arrhythmia)
5	Should have a maintenance free digital thermal array printer
6	Printer should work with standard thermal paper(should be available in Local Market)
7	Printer should be able to print ECG report and should have on/off selection
8	Should be compact and portable, and should have carry handle for portability.
9	Should have ECG lead annotation facility
10	Equipment should have sufficient battery backup for taking minimum 100 ECG without AC power

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11	Should supplied with2 patient cable sets, 8 clip on electrodes,12 chest electrode with silicon rubber bulb, 12 packets / Rolls of recording paper & 1 bottle of jelly.
12	Should operate on mains(220v-50Hz) and rechargeable battery (built in)
13	Recording speed should be 25 mm/ sec and 50 mm/ sec.
14	Should have defibrillation protection.
15	CMRR should be >90dB or the Sampling rate should be > 7000
16	Frequency response 0.05Hz to 129 Hz.
17	Should have a digital filter for AC and EMG.
18	Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.

Technical Specification for patient warming

1.	The equipment must be a portable forced air warmer system.
2.	Should be microprocessor based with accurate temperature sensor system.
3.	Should have temperature selection between 32-43 degree Celsius, should have the set temperatures–low, medium and high temperature.
4.	Temperature if the warm sir delivered should be within +/-1.5°C of the selected temperature.
5.	The equipment must have ambient setting accessible via front panel to manage patient warming needs.
6.	Should have indicator for temperature within range and audio-visual alarms in case of over/under temperature as a safety measure.
7.	Should have efficiency filter of 0.2um.
8.	Should have Hose end temperature sensor (at patient end)
9.	Should have washable protective hose cover
10.	Fan speed should be min ≥ 31-33 CFM and ≤ 40-44 CFM with high and low fan speed.

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11.	Should be light weight
12.	It should have filter status indicator and filter life.

Blankets:

i.	Should have disposable blankets of different types and sizes i.e. Full body blanket for adult & pediatric, multi-position blankets and surgical access blankets (for spine surgeries)
ii.	Blankets should be latex free and made up of a polypropylene non-woven lint free material.
iii.	Should have uniform perforation pattern across the blanket surface to ensure even convective warming.
vi.	Should be non-conductive, non-irritable and must confirm to flammability standards.
vii .	Blanket and Patient Warming Unit should be from same manufacturer.
viii	The bidder must quote the rates Disposable blanket.

Technical Specification

Infusion Pump

1. Should be operated on drip rate Peristaltic finger pump method.
2. Should compatible with most of the IV set (macro/micro drip sets).
3. Should have the following flow rates.
4. IV Set ml/hr drops/min

   15 drops/ml 3~450ml/hr 1~100drops/min

   20drops/ml 3~450ml/hr 1~100drops/min

   60drops/ml 1~100ml/hr 1~100drops/min
5. Should have a flow rate accuracy of ±10% and drip rate accuracy of ±2%.
6. Should have a volume infused display from 0 to 999.9ml.
7. Should have a purge and KVO facility.
8. Should have a audible and visual alarm for occlusion pressure, air alarm, door open, empty, low battery.
9. Should have a LCD display with backlight and graphical display of infusion Should have a minimum 2hr battery back up at highest delivery rate.

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Bengaluru - 560 086.

10. Should work with input 200 to 240Vac 50 Hz supply.

Syringe Pump

TECHNICAL SPECIFICATIONS

1. Should be easy to use and nurse friendly.
2. Should have automatic syringe size and model detection
3. Should have large format LCD/TFT display.
4. Should have a minimum flow rate range from 0.1 – 1200 ml/hr for 50ml syringe, 0.1 – 100 ml/hr for 20ml syringe and 0.1 – 60 ml/hr for 10ml syringe.
5. Syringe range from 20-50/60 ml.
6. Should have a flow rate accuracy of ±2%
7. Should have a bolus rate up to 1000ml/hr for 50 ml syringe.
8. Should have automatic and manual bolus.
9. Should have at least 3 levels of programmable occlusion pressure.
10. Should have automatic bolus reduction system to avoid accidental bolus delivery after occlusion incident.
11. Should have a rechargeable battery with back up time of minimum 3 hours.
12. Pump must triger following alarms with visual indication:- i. Occlusion Pressure Alarm

ii. KVO or 3 min pre- alarm

iii. Syringe empty and volume infused alarm

iv. Internal malfunction and Battery Charge Low Alarm v. Syringe disengaged and incorrectly placed alarm

vi. Alarm loudness control. vii. No mains

viii. Line disconnected (rapid pressure drop).

13. Should work with input 200 to 240Vac 50 Hz supply.

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5 Function Manual Fowler Cots – 10 No's

Technical Specifications

Sl No	Description	Sizes
1	Buffer to Buffer Dimension	2150 mm X 1025 mm, 85"X 40" (L X W)
2	Platform Dimension	2080 mm X 955 mm, 82"X 38" (LXW)
3	Mattress Platform	1920 mm X 865 mm,76" X 34" (L X W)
4	Minimum Height (without mattress)	535 mm, 21"
5	Maximum Height (without mattress)	772 mm,30"
6	Backrest	0° —70°
7	Knee Rest	0° - 47°
8	Trendelenburg	0° -10°
9	Reverse Trendelenburg	0°-7°
10	Safe Working Load	250-300 kgs
11	Patient Load Bearing Capacity	150-180 kgs

Standard Features

Sl No	Description
1	Raised backrest
2	Raised upper leg
3	Height adjustment
4	Trendelenburg/ reverse Trendelenburg
5	DVT end platform/ calf elevation
6	Four section metallic perforated top
7	Pre-treated and epoxy powder Coated MS parts

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8	125 mm high grade synthetic castors, two with brake and two without brake
9	Polymer moulded split type safety side rails ***(2 sets)***
10	Polymer moulded head and foot boards (pair)
11	Safety buffers at four corners
12	SS heavy duty IV rod (two hooks)
13	Removable polymer moulded handle
14	Four section mattresses with 4" thick PU foam of 40 density covered with PVC and 100 mm thick four section mattress

Safely Standards

- General safety for medical beds: IEC 60601-2-52
- General safety for Medical electrical equipment: IEC 60601-1-1
- EMI/EMC: IEC 60601- -2

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Annexure – 1

PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	

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Annexure – 2

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Total Cost for Procurement of Equipment for the rehabilitation Centre Dept of Neurosurgery at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District).	
Total in Rs and in words –		

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