



TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or bonafide licensed manufacturer or their authorised local supplier/dealer/distributor in the state of Karnataka for the procurement for the Supply of Instruments, Furniture's , Equipment's for Minor OT Department of Plastic & Reconstructive & Aesthetic Surgery at AHRC as per section I & II.

1	Name of the work	Supply of Instruments, Furniture's , Equipment's for Minor OT Department of Plastic & Reconstructive & Aesthetic Surgery at Adichunchanagiri Hospital & Research Center, B.G. Nagara
2	Last date for tender submission	On or Before 27.10.2023 up to 05:00 PM

I. INSTRUMENTS FOR MINOR OT- Plastic Surgery Department

SL NO	ITEM	QTY
1	WASHING TRAYS	2
2	TROLLEYS	2
3	DRESSING SETS	5
4	SWAB STICKS	100
5	SUCTION APPARATUS 1hp	1
6	ELECTRIC EXTENSION BOARD 3 PHASE	2
7	IV DRIP STAND FLOOR	4
8	MINOR PROCEDURE SET	2
9	HAIR TRIMMER	1
10	HAND MIRROR CONVEX (FACE SIZE)	1
11	DISINFECTANTS	5
12	ADSONS TISSUE FORCEPS TOOTHED 5 INCHES	2
13	ADSONS TISSUE FORCEPS NON- TOOTHED 5 INCHES	2
14	ALLIS FORCEPS	4
15	CHEATLE'S FORCEPS	2
16	METZENBAUM DISSECTING FORCEPS CURVED	1
17	FORESTER SPONGE HOLDING FORCEPS	4
18	HESS IRIS FORCEPS	2
19	STEVENS TENOTOMY FORCEPS	2
20	DRESSING CUTTING ANGLED SCISSORS	2
21	DRESSING SCISSORS BLUNT END	2
22	MAYO SCISSORS STRAIGHT BLUNT CHARMFERED BLADES 5 1/2" (140mm)	1



23	MAYO SCISSORS STRAIGHT BLUNT CHARMFERED BLADES 7 3/4" (197mm)	1
24	SPENCER SCISSORS	2
25	METZENBAUM DISSECTING SCISSORS CURVED DELICATE 9" (229MM)	1
26	KELLY DISSECTING SCISSORS CURVED SHARP/SHARP 5 1/2"(140MM)	1
27	BARD PARKER HANDLE 3	2
28	BARD PARKER HANDLE 4	2
29	BEAVER HANDLE	1
30	CASTROVEIJO NEEDLE HOLDERS	1
31	GUTHRIE SKIN HOOK	1
32	JOSEPH'S DOUBLE SKIN HOOK	1
33	SENN RETRACTOR	2
34	NAIL SPLITTER	1
35	NAIL SPATULA	1
36	VOLKMAN SCOOP DOUBLE-ENDED 8 3/4" (222mm) 3mm X 5mm / 5mm X 10mm	1
37	LANGEN BECK RETRACTORS SMALL	2
38	CATSPAW RETRACTORS SMALL	2
39	LANGENBECK RETRACTORS MEDIUM	2
40	BAINS CIRCUIT	2
41	RESPIRATOR SET	1
42	VENTILATION MASK	2
43	AMBUBAG PEDIATRIC REUSABLE	1
44	AMBUBAG ADULT REUSABLE	1
45	INTERCOSTAL DRAIN SET	1
46	KOLLAGEN DRESSINGS (VARIOUS SIZES)	1
47	CHLORHEXIDINE SCRUB	2
48	MICROPORE ADHESIVE PLASTERS VARIOUS SIZES	3
49	LEUCODERM/OPSITE DRESSING 7.5CM	5
50	LEUCODERM/OPSITE DRESSING 15 CM	5
51	FORMALIN CHAMBER FOR INSTRUMENTS	2
52	CUSTOMISABLE HAND SURGERY TABLE ATTACH	2
53	PODIATRY KIT	1
54	GUTHRIE SKIN HOOK	4
55	JOSEPH'S DOUBLE SKIN HOOK	4
56	VOLKMANS DOUBLE ENDED SCOOP	2
57	METZENBAUM DISSECTION FORCEPS CURVED	3
58	STEVENS TENOTOMY FORCEPS	3



II. EQUIPMENT		
SL NO	ITEM	QTY
1	OT LIGHT (DAY LIGHT) > 12,000 LUX	1
2	MINOR OT TABLE	1
3	DERMATOSCOPE	1
4	AED DEFIBILLATOR	1
5	CAUTERY AND ACCESSORIES	1
6	FUMIGATOR	1

III. FURNITURES		
SL NO	ITEM	QTY
1	REVOLVING & HEIGHT ADJUSTABLE CHAIR	3

SECTION -I

Instruction to Tenderers

1. The Tenderer shall send **quotes in 2 bid formats (Technical and Financial bids sealed separately inside the main envelope for any or all list of items)** on professional business letterheads. The inner and outer sealed cover must bear the following identification
 1. Tender for[name of service | Contract]
 2. Tender Reference No.....[insert number]
 3. Address to “The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)”
4. The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so 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, ACU BG-Nagara 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 Adichunchanagiri University’s norms.
4. **Warranty:** As per the Standard. Preferably 03 years
5. **Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University reserves 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 company contact details with email ID on the main envelope cover for further correspondence.



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 other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
8. **Validity of the Bid:** 90 Days from the last date of submission of bid
9. **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:
 1. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 2. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
10. **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall 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 the 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 any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in 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 Employer in the evaluation of the tenders.
12. **Delivery:** The successful BIDDER should commence the services as per tender document/Work or Purchase Order. For any queries/ assistance, please write to registrar@acu.edu.in or telephone to purchase section +91 -7406907357.
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
 1. For the delayed supply (3 days of grace period) - 5% deduction
 2. Quantity issues - 5% deduction
 3. Quality issues - 10% deduction



SECTION -II: TECHNICAL SPECIFICATION

I. OT LIGHT (DAY LIGHT) for Plastic Surgery department:

1. Should be LED based microprocessor control technology
2. One major dome and one satellite dome.
3. Dome body should be of single piece and should have provision for aircirculation.
4. Intensity at 1-meter distance 1,20,000 to 1,00,000 lux for major dome and not less than 1,10,000 to 1,00,000 lux for satellite dome.
5. Should have variable Color Temperature: 3500-5500 K.
6. Having on off switch and light intensity control on light dome
7. Homogenous luminous field with lowest possible amount of shadow.
8. The contrast between the lighted area and the surrounding should not cause stress to the surgeon's eye.
9. Depth of illumination should be 100-140 cms or more for main & satellite dome.
10. Illuminated field diameter should be approx. 20-30 cms.
11. Color rendering index (CRI) should be 93 – 98.
12. Height adjustment more than 1 meter.
13. LED life span 30000 or more Hrs.
14. Light field adjustment by stabilizable handles (2 sets).
15. Control panels on the light assembly as well as away from it for adjustment of light intensity, illuminated area and for switching on and off, focusing etc.
16. The light head should be so constructed as to provide optimum conditions for laminar flow.
17. User selectable intensity variation with digital display from 30 to 100% in 6 or more steps”

II. MINOR OT TABLE Plastic Surgery department:

1. Universal Operating table electro hydraulic table for surgical discipline.
 2. Dimension: A
 - Table top length 2080 mm minimum width 500mm without side rails height 750mm to 1100 mm.
 - The table shall be electro hydraulic operated with integrated colour battery and battery charger.
 - The table shall be provided with a cable connected hand control with battery charge indicator.
 - There should be an additional operation panel with integrated coloured display with battery indicator on the column of the table.
 - There should be provided with additional manual foot control device for the adjustment of height, lateral tilt and Trendelenburg/reverse Trendelenburg functions.
- Central breaking system
- Five sectional radio translucent table top shall have detachable head- rest back-section, pelvic/seat-section, detachable split leg section operated on gas spring for up/down.
 - There should have provision for the guide rails fixed under the table top for X-ray



cassettes. It should have antibacterial, antistatic and fluid proof material with high density and soft slow recovery foam so as to prevent pressure points developing during long duration surgeries.

- Height- 750mm to 1100mm Trendelenburg -30deg to +30 deg Lateral tilt up to 20deg
- Backrest adjustment - 40deg to +70deg Flex/Reflex position by hand control Return to O position by hand control

Accessories:

- a. Arm board with cushion and clamp -2nos.
- b. Anesthesia screen I shaped with clamp -1 no.
- c. Body strap – 1 no.
- d. Goepel knee crutches – pair.
- e. Radial setting clamp – 2 no's
- f. Side Support
- g. Infusion holder with clamp
- h. Foot rest – 1 no
- i. Cassette insert for X-ray.
- j. Shoulder Support
- k. Kidney tray

III. DERMATOSCOPE:

1. Dermatoscope should be FDA approved
2. Polarization- should utilize Polarized and non- Polarized light
3. Lighting- should have adequate number of LEDs (atleast ≥ 18)
4. Infection control- should have mechanism for avoiding transfer of infection from reuse.
5. There should be capacity to enhance pigment with spectrum control
6. Optics- should have capacity for adequate magnification.
7. Battery- Rechargeable battery with adequate battery life
8. Camera- should be compatible
9. Compatibility- the Dermatoscope should be compatible with smart devices both Android and IOS based.
10. Accessories-
 - a) USB cable
 - b) Leather pouch
 - c) Lens cloth
 - d) Infection control accessory- 2
 - e) Universal mobile adapter
11. The device should have adequate AMC cover for quick remediation of technical snags.
12. A device with software for analysis will be preferable.

IV. Defibrillator Machine with AED:

1. It should be a latest technology, advanced biphasic waveform defibrillator.



2. It should have integrated Automated External Defibrillator (AED).
3. It should be light weight, compact, easy to carry and easy to operate.
4. It should have device status indicator for readiness of use.
5. It should have facility of manual defibrillation and upgradable to External Pacing.
6. It should have at least 6 inch, high resolution color monitor for ECG (3 to 5 leads) with three waveform capability; upgradable to SpO₂, NIBP and EtCO₂.
7. It should have in built 3 channel ECG recorder.
8. It should be capable of storing trends and patient data
9. Should have Arrhythmia alarms.
10. It should have synchronous cardio version.
11. It should have both adult and pediatric external paddles.
12. It should have biphasic mode, with range of 1 to 200 joules, charge time less than 5 seconds.
13. Fully charged in-built battery backup with provision for 20 shocks of 200 joules with 3 hours monitoring OR at least 150 shocks of 200 joules without monitoring.
14. Should have battery capacity indicator on battery.
15. It should meet international safety standards, US-FDA and CE certification.
16. It should be capable of transferring data to PC through USB flash memory.
17. System configuration, accessories, spares and consumables:
 - a. Adult external paddles- 01
 - b. Pediatric external paddles -01 (preferably built-in adult paddles)
 - c. Patient cables- 01
 - d. ECG Rolls- 2
18. It should be capable of operating continuously in Indian conditions.
19. It should be capable of operating on mains power input of 120-240 V, 50/60Hz

V. Cautery/ surgical diathermy machine for Plastic surgery:

- a) All units/ items including accessories should be Indian Standard certified (BIS)/USFDA and European CE certified.
Should be able to operate with Indian Standard Mains Supply Power – 220 – 240 Volts AC, 50 Hz.
- b) Principal Company should have registered Office and Service Network in India, preferably Central India for better service support.
- c) Compliance statement should be submitted in a tabulated and point wise manner.
- d) Price of essential consumables should be fixed for next 5 years.
- e) Customized Imported Trolley/s for main unit/s, as well as Suitable customized storage/sterilization cases for attachments or bipolar forceps, should be supplied in adequate
- f) Unit/s must be Microprocessor controlled H.F. Unit/s with high power efficiency rating.
- g) Dedicated Diathermy unit for Urology and nephrology - submit the list of reputed users in India and performance report including after sale service.



- h) Should have Monopolar and Bipolar output. The system should come with irrigation system providing precisely measured irrigation to support the surgeon in bipolar coagulation & bipolar cutting.
- i) If any manufacturer has only bipolar unit with integrated irrigation then a separate Monopolar unit with all accessories and customized trolley, all of which is Indian Standard Certified (BIS)/USFDA & ECE certified should be supplied along with.
- j) Monopolar should have different mode like Cut, Blend, Soft and Spray facility, bipolar should have cut, coagulation.
- k) Output should be 300 watts or better (Monopolar) and 80 watts or better (Bipolar) output.
- l) The micro setting of bipolar should be between 1 – 10 watt or similar with an increment of 1 watt.
- m) Display should be digital
- n) It should have user-defined, programmable profiles.
- o) Should have Alarm and Error Display Facility for Safety of Patient.
- p) Biopolar forceps with cable -5

VI. Fumigation Machine :

1. Device should be made for hospital use only. (Operation theatre or intensive care unit sterilization) stainless steel.
 2. Device should be portable, electrically operated.
 3. Machine weight at least 6 kg.
 4. Tank capacity at around 5liters.
 5. Area covered should be around 7500 cubic feet
 6. Tank should be metallic made and sturdy.
 7. Droplet size generated by nozzle should be submicron size. Validation of droplet size by a governing body will be preferred.
 8. Timer function should be present. Integrated timer is preferred.
 9. Particle throw in a closed room should reach up to 3 to 4 meters
 10. Output should be less than or equal to 3 liters per hour.
- All parts should be compatible with acidic or alkaline liquids.
11. Medical grade silicon tubing and stainless steel internal parts. complying to FDA & UPS CLASS VI
 12. Should have intake air filter uniquely designed of two layers for dust and fog separation
 13. Device motor should be high speed.
 14. Should have Precision Metering System : 0-70ml/minute
 15. Should be of nozzle assembly



**ADICHUNCHANAGIRI
UNIVERSITY**
(Estd. under Karnataka Act No. 18 of 2013)
B.G. Nagara - 571448

ADICHUNCHANAGIRI UNIVERSITY

REVOLVING & HEIGHT ADJUSTABLE CHAIR:

1. Adjustable backrest
2. Study base with castors
3. Height adjustable
4. Easily movable
5. Colour options available

**Head of Procurement
Adichunchanagiri University
B G Nagara -571448**

