



ACU/PS/AIMS-AHRC-216/1/47 /2024-25

Date: 23/07/2024

### 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 of **Physiotherapy Equipment's and Furniture's at AIMS/AHRC** as per section I & II.

1	Name of the work	<b>The Physiotherapy Equipment's and Furniture's at Adichunchanagiri Institute of Medical Sciences , B.G. Nagara</b>
2	Last date for tender submission	On or Before 09.08.2024 up to 05:00 PM

### SECTION - I

#### Instruction to Tenderers

- 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
  - Tender for .....[name of service | Contract]
  - Tender Reference No.....[insert number]
  - Address to "The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)"
  - 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.
- Tender Currency:** Prices shall be quoted in Indian Rupees Only
- AMC/CMC (If any)** is subject to the Adichunchanagiri University's norms.
- Warranty:** As per the Standard, preferably 03 years
- 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:-**

<b>Physiotherapy Equipment's and Furniture's List</b>		
<b>SI NO</b>	<b>Description</b>	<b>Qty</b>
<b>I. Medical Equipment's</b>		
1	Walker	2
2	Goniometer	2
3	Knee Harmer	2
4	Inch tape	2
5	Infrared lamp	1
6	IFT & TENS Leads	4pair
7	Dynamometer	1
8	Weight and sand bag	All sizes
9	Dumb bells	1Kg to 5Kg 2set
10	Chest vibrator	2
11	Stepper	3
12	Wax	30 Kgs
13	TENS	1
14	Ultrasound	2
15	Cold pack unit	1
16	Mirror with stand	1
17	Floor mats/ Exercise mats	2
18	Thera bands	all resistance- (5) with Different colour (3 set)



19	Anthropometric	2
20	Wall Bar	1
21	Laser	1
22	Elbow CPM	1
23	Finger Exercise	1
24	Treadmill	1
25	TILT table	2
26	Static cycle	1
27	CPM Knee	1
28	LWD	1
29	SWD	1
30	Suspension therapy unit with bed	1
31	Shock wave	1
32	IFT	2
33	Physiotherapy Treatment trolley 3 Step SS	10
34	Sholder CPM	1
<b>Lab Equipment's</b>		
<b>BIOMECHANICS LAB</b>		
1	Articulated Skeleton	1
2	Major joint models Different	4
3	Joint and muscle charts Different Types	10
4	Axillary and elbow crutch tapes	3
5	Canes different types/tripods	2
6	Vestibular ball 4 sizes	4



SL. NO	Description	Qty
<b>II. Hospital Instruments/Furniture</b>		
<b>Medical examination kit which will includes</b>		
1	Stethoscope	2
2	Tuning fork set	2
3	Reflex hammer	2
4	Tongue Depressor	2
5	Torch two point discriminator	2
6	Measuring tape	2
7	Incentive spirometer	2
8	Nebulisers heavy	1
9	Wheel chair	3
10	Patient Examination Couches wooden	10
11	Weighing machine	3
12	First aid kit/Room	2

## Specifications

### **1. CRYOTHERAPY (Cold Pack Unit)**

#### Specification-

- Should have the capacity to generate cold energy by means of thermometric modulus.
- Selective and controlled cryogenic therapy with cooling head upto 10 degree celcius cooling cuffs up to +12 degree celcius.
- Skin temperature control sensor.
- Tolling heads small and large.
- Tolling cuffs suitable for different joints.
- The unit shall be capable of being stored continuously in ambient temperature 0-50 degree celcius and relevant humidity of 15-90%
- The unit shall be capable of being Operating continuously in ambient temperature 10-40 degree celcius and relevant humidity of 15-90%
- Power input to be 220-240V, 50HZ fitted with Indian plug.



## **2. TENS (TRANSCUTANEOUS ELECTRIC NERVE STIMULATOR):-**

- Timer presentable 15mts.
- Display numeric LCD display (DIGI TENS).
- Frequency 2HZ to 250HZ.
- Pulse width 400micro sec.
- Therapy mode- All channels continuous; All channels burst;2 channels continuous;2 channels burst.
- Output 4 channel Auto mode -Linear, Trapezoidal and nonlinear.
- Parameter selection-manual and programmed.
- Intensity-Linear adjustment.
- Patient safety output is 100% isolation.
- Intensity can be select separately for CH1, CH2, CH3 and CH4.
- Powder supply 200-230AC/50HZ.
- Fuse rating 1A+\_10%
- Max. Power consumption-10w.

## **3. CPM KNEE:-**

- Hold time-1,5,10,15
- Rest time-1,5,10,15
- Motor High torque noiseless Instant start stop and reversible flexion angle 0-120degree.
- Machine speed approximately 1.5 minutes for one stroke from extension to flexion to extension.
- Thigh portion height can be adjusted in 5 steps digital treatment timer Flexion and extension LED indict or.

## **4. ELBOW CPM:-**

- ROM programmable from 0 to 120 for elbow and 90 to -90 degree for wrist movement.
- Pause time 00 to 90 seconds.
- Flexion or extension starting position can be set according to the need of patient.
- Display LCD.
- Height can be adjusted electrically by remote control.
- Patient can stop the treatment with hand held switch if not comfort.

## **5. SHOCK WAVE**

- Latest Advanced pulsed and continuous solid state high power shortwave Diathermy machine with pad and disc applicators.2 different Applicators.



- Shock intensity 1.0-5.0Bar.
- Shock frequency 1-20 Hz.
- Therapy period 0-9999shocks.
- TD 20 for large group of muscles.TR 15 for small group of muscle.

#### **6. CPM SHOULDER:-**

- If can be used Internal, External rotation, Flexion, Extension, Abduction and adduction
- ROM settings programmable from 00 to 180 degree (-90 to +90 degree).
- Easy Attachable accessories.
- Hand held panel for setting parameters.
- Flexion or extension starting can be set according to the need of patient.
- Display LCD.
- Height can be adjusted electrically by remote control.
- Patient can stop the treatment with hand held switch If not comfort.

#### **7. Treatment Table or Patient examination couches (Wooden) with foot stepper - 10 No's:-**

Solid wood Constructed frame work is fixed with well-padded 40 mm thick top & top is divided in two sections.

Size: Top 182 cm long x 61 cm width x 80 cm height

Back rest: 46 cm long and it can be continually adjustable in height for desired position

#### **8. SUSPENSION THERAPY UNIT:-**

- Metal frame modular, highly flexible.
- Multi-point suspension can be induced by reflection, induce patient to be trained.
- Dimension width 50"  
Height 72"  
Length 48"  
Overhead length 36"
- Material suspension Frame  
Supporting ropes  
Pulleys  
Slings  
S-Hook and Dog clips  
Wooden cleat.



### **9. WALL BAR:-**

- It is an exercise unit.
- Wall bar single section, well-polished teak wood sturdy frame size 3ft\*8ft high. Oval shaped rungs are squarely fitted to avoid turning.
- Provided for fitting the wall with two brackets.

### **10. STATIC CYCLE**

- Digital Display and active exercise unit multi-adjustable.
- Capacity approximated 150kgs.
- Tubular steel frame on properly balance legs with four rubber tips.
- Fitted with one hard rubber Tyre wheel, Standard chain and a socket.
- Seat should be adjustable.
- Should be fitted with a ball bearing resistance roller which permits controlled movement in riding.
- Integrated LCD monitor real time pulse, calories, distance and speed. A table device holder attached makes watching video while exercising.

### **11. EXERCISE THERAPY:-**

1. **Dumbells**-0.5kg,1kg,1.5kg,2kg,3kg,5kg (set of 2 each)
2. **Theraband**- Yellow, Red, Green, Blue (set of 2 each)
3. **Thera loops Bands** -Yellow, Red, Green, Blue (Set of 2 each)
4. **Weight cuff**-1kg,2kg,3kg,5kg(set of 2 each)
5. **Mirror with stand**
6. **Overhead pulley**
7. **Shoulder wheel**
8. **Thera Tube with Handles**-Yellow, Red, Green, Blue (Set of 4 colour)
9. **Finger exercise-**

1. Wear slim professional silicon Hand grip strengthened 3 level finger stretcher resistance trainer bands for kids and Adults.

Different Bands Based on colour-3 set

Wt-40 grams

Material-Rubber





Product Dimension -7.6 L\*4W centimetres.

2. Wooden Pegboard- Bright, colour, Compact shapes and simple.

Material - wooden, multicolour.

3. Normal Hand exercise.

**10. Blasters** - All sizes.

**11. Swiss ball** - All sizes.

**12. IsoKinetic** - Dynamometer.

### **12. BALANCE BOARDS**

1. Wobble Boards
2. Rocker balance Boards
3. Spring balance Boards
4. Roller balance Boards
5. Half Balance Boards
6. Desk Balance Boards

Colour-Multi- colour

Wt-2.67 kilograms

Material-Wood

Product Dimension-56L\*35.5W\*12.5H cm

Maximum wt-120 kilograms

Age Range: - children and Adult.

### **13. MATTRESS:-**

- Size 2 count, foldable
- Firmness plush, medium
- Age Range-kids, adults
- Foam construction
- Cover material polyester
- Dimensions 105\*85\*25 cm; 25 kilograms
- Item weight 20 kg

### **14. TREADMIL:-**



- Console 5 LD screen, time, speed, Incline Dis call, pulse, Fat measure 12 programme,3 mode,USB,MP3
- Horse power-DC motor 4.4 HP
- Speed range-0.8-14.8Km/h
- Unique CEMT 6Shock Reducing
- Running area-420-1150mm
- Max uses weight-120kg
- Programs-manual P1-P2
- Incline: Auto 0-18 levels.

### **15. MULTI-EXERCISE CHAIR WITH QUADRICEPS TABLE**

- It is used for exercise of quadriceps movement.
- Total metal tubular construction.
- Table top of foam of 2inch.
- Back rest with alignment adjustment at different angle (0-90).
- Arm rests adjustable in height.
- Should have a set of 6 to 8kg weight.
- Size 100 cm long\*67 cm
- The overhead bar extends 80cm beyond front portion of the frame.

### **16. ULTRASOUND THERAPY**

- Digital treatment timer
- 1MHZ and 3MHZ frequency applications.
- Maximum output 12 acoustics watts max.
- Treatment timer 0-99 min
- Mode of operation continuous and pulsed.
- Pulsed mode-1;2,1;4,1;8,1;16
- Transducer light will glow in the active transducers.
- Parameter selection manual and programmed.
- Intensity linear adjustment 3-1 w/cm<sup>2</sup>.
- Patient safety output is 100% isolation.
- Skin detection system.

### **17. LASER THERAPY**

- Power supply 110-230 VAC 50/60 Hz
- Fuse rating 1A+-10%; max power consumption 20w.
- Red probe 100mw/650nm wavelength for superficial tissue penetration.
- Modulated frequency up to 10KHz(frequency can be varied from 200Hz to 10KHz)



- Class 3B laser.
- Laser type semiconductor Gas.
- Fully computerized; easy operation; superior performance.
- Compact design, Crystal clear LCD display.
- All keys are soft touch.

### **18. IFT**

- Medium frequency 2KHz,4KHz,6KHz,8KHz and 10KHz
- Smmps Power supply.
- Patient safety output is 100% Isolation.
- Bar group's indicator for beat frequency.
- Russian current (2500 Sine Wave).
- Multi vector (4 type of vector).
- Separate display for CH1 and CH2.
- LED indicators for stimulation to the patient for CH1 and CH2.
- TENS mode, Dynamical current mode.
- Digital treatment timer.

### **19. SWD:-**

- Frequency 27.12 MHz.
- Wavelength 11.062 meters maximum power output 500.
- Output mode continuous and pulsed.
- Intensity Adjustable in 5 step.
- Tuning manual tuning control knob to adjust the radio frequency for maximum output.
- Digital timer pest table 30 minutes at the end of the treatment announce the beep sound and automatic cut of heal.
- One pair condenser pads with felt spacer.
- Voltage 200 to 240V50 Hz.
- Powder coated.
- Continuous and pulsed mode.
- Cabinet made by 1.2mm thickness saviour pipe 18garge sheet.
- Disc and Pad.

### **20. TRACTION TABLE WITH TWO FOLD SPLIT POWDER COATED:-**

- Total length-8 feet.
- Height-21/2 feet.
- Width-2feet.



- Bed length-6 1/2 feet.
- Movable bed portion length 3 1/2 feet.
- Fixed bed portion length 3 1/2 feet.
- Fixed bed portion length 3 feet.
- Machine fixing stand height can be adjusted.
- Using only for traction Machine.

#### **21. IRR LAMP:-**

- Powder supply 210 to 230 AC.
- Timer 1 to 15 mins Adjustable.
- Powder 150W
- Light intensity should be adjustable.
- Tilting Adjust ability 0-40 degree.
- Table model with round base.
- Standing Model.

#### **22. HYDROTHERAPY HUBBARD TANK:-**

- Length-10 feet -30 feet.
- Breadth 10 feet.
- Depth-2.5-4.5 feet.
- Material: PVC (Steel or Fiberglass)
- Installation-fitted IN-ground, semi-in ground or above ground.
- Underwater massage jets.
- Counter current machines.
- 425 gallons of water.
- Turbine, stretcher, hoist.
- Chances of contamination.
- Expensive secondary to amount of water, time to clean. Easy accessibility stairs.

#### **23. TILT TABLE:-**

- Tilt table with electrical height adjustment control and electric tilt control.
- Full 90 degree tilt, with height adjustment to lower to wheelchair height.
- Height adjustment range 46-84 cm.
- Electric tilt 90 degree plus negative facility should have adjustable angle work table.
- Should have angle indicator and large braking castors.
- Adjustable foot board.

#### **24. CHEST VIBRATOR:-**



- Vibration is performed during chest physiotherapy.
- Item weight 1.22 kilograms.
- Material plastic
- Dimensions 300\*110\*120
- Frequency 50-60 Hz
- Max. Temperature 55deg C.

**25. PEDIATRIC EXERCISE:-**

- Adjustable metabolic standing Frame Child with wooden Base.
- CP standing Frame for adults large most suitable for adult height 4.0 feet to 6.0 feet with adjustable activity table height.

**26. Stabilizers** for all machines.

**Head of Procurement  
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