



# राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान

NATIONAL RESEARCH INSTITUTE OF UNANI MEDICINE FOR SKIN DISORDERS

केन्द्रीय यूनानी चिकित्सा अनुसंधान परिषद् के अधीन, आयुष मंत्रालय, भारत सरकार

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**Enquiry No. 03/2020-21/NRIUMSD-Hyd/Regimetal Unit**

**Issue Date: 10.02.2021**

**Last date of Submission 22.02.2021: upto 11:00 AM**

**On behalf of the DIRECTOR National Research Institute of Unani Medicine for Skin Disorders, Hyderabad, Sealed Quotations/bids are invited**

**For**

**"SUPPLY AND COMMISSIONING OF EQUIPMENT'S FOR ESTABLISHMENT OF REGIMENTAL THERAPY UNIT"**

A	LAST DATE for receipt of Quotation / Tender bids : Date &	10.02.2021 upto 11:00 A.M.
	Time Of Opening Of Quotation / Tender bids	22.02.2021 - 11:30 AM
B	<b>Submission of Tender</b>	Both Technical Bid & Price Bid should be in separate cover with specification on the cover as "Technical Bid" & "Price Bid" as the case may be. Both the independent covers should be placed in one big cover and sealed with the superscription on the left hand side Quotations/ Bids for <b><u>"SUPPLY AND COMMISSIONING OF EQUIPMENT'S FOR ESTABLISHMENT OF REGIMENTAL THERAPY UNIT"</u></b> due on <b>22.02.2021 at 11.00 p.m.</b> The tender cover should be sent to: <b>DIRECTOR, NATIONAL RESEARCH INSTITUTE OF UNANI MEDICIN FOR SKIN DISORDERS, OPP. ESI METRO, AG COLONY ROAD, ERRAGADDA, HYDERABAD – 500038.</b> Right is reserved to ignore any Quotations/ Bids which fails to comply with the above instructions. Quotations/ Bids should be sent either by REGISTERED POST ACKNOWLEDGEMENT DUE OR THROUGH MESSENGER. If the Tender is sent through Messenger, the same has to be handed over to the Director Chamber – Room No. 114 or Junior Admn Officer– Room No. 104 before 11:00 AM on due date <b>22.02.2021</b> . If it is by post (Registered Post or Speed post only) the same should reach before 11.00 A.M. i.e on the last date <b>22.01.2021</b> otherwise it will be summarily rejected.
		THE INSTITUTE SHALL NOT BE RESPONSIBLE FOR THE LATE RECEIPT OF TENDER ON ACCOUNT OF POSTAL OR ANY OTHER DELAY. THE TENDER BOX WILL BE CLOSED EXACTLY AT 11:00 A.M. ON 22.02.2021

1	<b>Guidelines, terms and conditions of tender :</b>	
A	<b>Technical Bid</b>	<ul style="list-style-type: none"> <li>• 2% EMD</li> <li>• The technical Specification for this tender is given in Annexure A.</li> <li>• The tenderer shall go through the specification (Annexure-A) and submit the technical bid.</li> <li>• The technical bid cover of the various items should clearly be marked with the item name.</li> <li>• The technical bid covers of the various items should be put into one big cover superscribed "<b>Technical Bid</b>".</li> <li>• All technical bid should have the page-wise heading as "Technical Bid" and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</li> <li>• The technical bid should consist of all technical details along with catalogue, commercial terms and conditions.</li> </ul>
B	<b>Price Bid</b>	<ul style="list-style-type: none"> <li>• Price bid should be submitted in the prescribed proforma as per <b>Annexure B</b></li> <li>• The price bid cover of the various items should clearly be marked with the item name.</li> <li>• The price bid covers of the various items should be put into one big cover superscribed "<b>Price Bid</b>".</li> <li>• All Price bid should have the page-wise heading as "Price Bid" and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</li> <li>• Price bid should indicate item-wise price for all the items mentioned in the technical bid.</li> </ul>
C	<b>EMD – Earnest Money Deposit</b>	<ul style="list-style-type: none"> <li>• <b>2%(Two Percent)</b> of Instrument cost may be submitted towards EMD for each instrument. The EMD should be in favour of "<b>DIRECTOR CRIUM HYDERABAD</b>" in the form of demand draft/BG from any Nationalized Bank. EMD exemption will be provide on submission of valid documents i.e MSME / NSIC certificate. The exemption and relaxation in EMD are subject to validity of their registration on the date of opening of tender</li> <li>• <b>No Interest will be paid on EMD and will be returned to the unsuccessful tenderer after finalization of the purchase order.</b></li> </ul>
D	<b>Tender document fee</b>	<ul style="list-style-type: none"> <li>• No separate tender documents will be issued by us. The same can be downloaded at free of cost from our institute website:<a href="http://nrirmsd.in">http://nrirmsd.in</a> &amp; <a href="https://eprocure.gov.in/epublish/app">https://eprocure.gov.in/epublish/app</a>. Corrigendum/Addendum/ Date extension, if any will be published only in the above mentioned website. <b><i>Bidders are requested to regularly visit our website to keep themselves updated.</i></b></li> </ul>
2	<b>Preparation of Tender:</b>	
	<p>a) The Schedule to the Tender form should be returned intact whether you are quoting for any item or not. Pages should not be detached and when items are not being tendered for, the corresponding space should be defaced by some such words as 'not quoting'.</p> <p>b) In the event of space on the schedule form being insufficient for the required purpose, you have to submit the rates in the letter head of your company clearly mentioning SI.No. and other relevant particulars. Each such additional page must be numbered</p>	

	<p>consecutively, bear the Tender Number and be fully signed by you. In such cases reference to the additional pages must be made in the tender form.</p> <p>c) If any modification of the schedule is considered necessary, you should communicate the same by means of a separate letter sent with the Tender within due date.</p> <p>d) You should quote your product as per our specification requirements by mentioning our requirements and your offer side by side and the rate should be in total as per our requirements. We will not make any calculation if you have mentioned the rates of items separately.</p> <p>e) The offer/bids should be submitted in two bid system i.e. Technical Bid and Price Bid in a separate cover.</p> <p>f) The Technical bid cover will be first opened and evaluated. The Price bid of only those bidders whose technical bid is found to be technically adequate by the Committee will be opened.</p>
3.	<p><b>Signing of Tender:</b></p> <p>a) The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and special conditions enclosed herewith. Each page of the tender documents required to be signed and bears the official seal of the tenderers.</p> <p>b) If the application is made by a firm in partnership, it shall be signed (with seal) by all the partners of the firm above their full typewritten names and current addresses or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the application.</p> <p>c) If a limited company or a corporation makes the application, it shall be signed by a duly authorized person holding power of attorney for signing the application, in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The applicant shall also furnish a copy of the Memorandum of Articles of association duly attested by a Public notary.</p>
4.	<p><b>Period for which the offer will remain open:</b></p> <p>(i) Firms tendering should note the period for which it is desired that their offers should remain open for acceptance. If the firms are unable to keep their offers open for the specified period they should specifically state the period for which their offers are being provided, however, the day up to which the offer is to remain open being declared closed holiday for this institute, the offer shall remain open for acceptance till the next working day.</p> <p>(ii) (Quotations qualified by such vague and indefinite expressions such as 'subject to immediate acceptance', 'subject to prior sale' will not be considered.</p> <p>(iii) The Tender shall remain open for acceptance/validity till: <b>90 days from the date of opening of the tender</b></p>
5.	<p><b>Opening of Tenders:</b></p> <p>You are at liberty to be present or authorize a representative to be present at the opening of the tender at the time and date specified in this document.</p>
6.	<p><b>Prices:</b></p> <p>a. The prices quoted must be nett per unit as per the Bill of Quantity mentioned in Annexure B and must include all packing, delivery and installation charges, insurances, lead, lift to all levels, floors, scaffolding and other statutory levies. The prices quoted by the Tenderer should be inclusive of GST and other statutory levies (and should be clearly stated to be so) which will be paid by the Purchaser/if legally leviable at the rate ruling on the date of supply as specified in the Acceptance of Tender. The percentage of tax etc. included in the price should be indicated in clear terms. If the inclusive price is not given, we will</p>

	<p>treat your offered rate as inclusive rate and comparison be made with others. If at the time of comparison of your offer without taxes etc. is happen to be lowest, you are bound to supply as per the offered rate, i.e. without taxes etc.</p> <p>b. The tenderer shall be careful while quoting for tender. No price revision, changes in the specification already given or changes in the terms and conditions etc. will be entertained after opening of the bids.</p>
7.	<b>Terms of Delivery:</b> Supplying, erecting, Installing and Commissioning are required to be completed as per the special condition enclosed herewith.
8.	<b>Right of Acceptance:</b> NRIUMSD, Hyderabad does not pledge itself to accepting the whole or any part of the Tender or portion of the quantity offered. NRIUMSD, Hyderabad reserves the right to accept or reject any or all tenders without assigning any reason.
9.	<b>Communication of Acceptance:</b> Acceptance by the Purchaser will be communicated by Post, and the Company's acceptance should be communicated to us formally in writing.
10.	In the event of the date of opening of tender being declared a closed holiday for the NRIUMSD, Hyderabad the due date for opening will be following working day.
11.	Detailed technical specification is given in the Annexure A. Technical bid should be submitted as per Annexure A. Deviation if any may be specified clearly
12.	FAX/Email/Telegram quotations will not be accepted.
13.	Quotations should be submitted in a Sealed Cover. The quotation should be typed in the space provided in the downloaded format only. No manual entries are accepted and this will be rejected at the opening stage itself. Quotes given by the tenderers in their own format/letter heads will not be considered at all.
14.	<b>Performance Security:</b> In case of an order / LOI on you, you will have to deposit an interest free security deposit of <b>3%(Three percent)</b> of the order value alongwith the order/LOI acceptance by Bank Guarantee subject of final decision of the Management which will be forfeited in case you fail to execute the order to our satisfaction in all respects. The security deposit / BG will be refunded / returned after expiry of warranty period.
15.	<b>Warranty : 2 Years</b>
16.	<b>Delivery Period:</b> Items should be delivered within 30 days from the date of P.O. The actual time to be specified clearly. No further extension of time will be allowed. Non delivery of items will lead to cancellation of Purchase Order without any notice. In addition, action may be taken for removing them from our mailing list in respect of future enquiry.
17.	In terms of Rule 173 (iv) of General Financial Rules, 2017 the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of its bid.
18.	<b>CONDITIONS OF CONTRACT:</b> Printed or cyclostyled or such terms and conditions of the tenderer, not appearing in the body of the tender will not be considered as forming part of the tender. Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and tender papers. In case these terms and conditions are not acceptable to the tenderer, he should specifically state the deviation(s) there from in the body of the tender.
19.	<b>PRICE:</b> <ol style="list-style-type: none"> <li>i) Prices must be in Indian Rupees.</li> <li>ii) The unit prices should be for the same unit as indicated in the Annexure B of the tender document and not for any other unit.</li> <li>iii) Prices quoted should be for supplying, erecting, installing and commissioning in NRIUMSD, Hyderabad</li> <li>iv) Discount, if any, should be indicated prominently</li> </ol>
20.	<b>TRANSIT INSURANCE:</b> The Purchaser will not pay separately for Transit Insurance.
21.	<b>PAYMENT:</b> 100% of the payment after completion of supplying, erecting, installing and commissioning in NRIUMSD, Hyderabad
22.	<b>TENDERER SHALL SUBMIT ALONG WITH HIS TENDER:</b> <ol style="list-style-type: none"> <li>(i) Name and full address of the Banker and their swift code and PAN No.</li> <li>(ii) Proof of registration with GSTIN etc. in clear terms</li> </ol>

23.	<b>GUARANTEE:</b> The tenderer has to declare that the goods sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications. Tenderer should indicate the period for which the said goods/articles would continue to confirm to the specifications.
24.	<b>GENERAL:</b> (i) We reserve the right to accept or reject any or all offers and to order full or part quantities or cancellation thereof without assigning any reason whatsoever. (ii) Successful tenderer only will be intimated by post through letter of intent/ Purchase order. (iii) Canvassing by tenderers in any form including un-solicited letters against tenders submitted or post tender corrections shall render their tenders liable for summary rejection. <b>(iv)</b> CCRUM or its Units reserves the right for placement of Repeat order if required within one year of original date.
25.	<b>JURISDICTION:</b> All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued.
26.	<b>DSIR:</b> The institute is having DSIR certified valid upto 31.09.2021 – for concessional GST @5% only

DIRECTOR  
NRIUMSD, HYDERABAD

## Annexure-A

### **List of Equipments and their specifications required for *'Ilāj bi'l Tadbīr* (Regimen Therapy) Unit**

#### **1. SARVANG VASHPA SWEDAN YANTRA with Steam Generator & Trolley (Lying Type)**

Full-body steam bath is specifically designed for weak patients to have steam bath in lying down position. Steam is generated electrically & passes through rubber & copper pipes in the box and flow of steam can be controlled by hand-shut valve.

##### **Technical Specifications:**

- Construction: Hardwood and water proof ply, with Acrylic windows on both sides. Patient lies on a special moving trolley with perforated wooden bed and his head rests on wooden pillow outside the chamber
- Timer: 60 minutes, to control the working of steam generator
- Power: 3 KW, Heater, 220V AC
- Temperature: Unit is fitted with Temperature Controller cum Indicator
- Steam-Generator: Heavy Aluminum body, with Safety valve, Steam control valve & Pressure Gauge
- Herbal Basket: Perforated Stainless Steel Herbal
- Basket on stand is provided for placing Herbs in steamer
- Overall Size: 84" long X 36" wide X 40" high
- Finish: Inside painted and outside is polished natural

#### **2. STEAM CABINET with STEAM GENERATOR SEMI-AUTOMATIC (Electrical, Sitting Type)**

A well designed sturdily built cabinet made out of Teak-wood and water proof ply, is equipped with an adjustable wooden seat & foot rest. Unit comes with Semi-Automatic, Electrical Steam generator.

##### **Technical Specifications:**

##### **Steam-Cabinet**

- Construction: Cabinet is constructed of Teak-wood frame and water proof ply
- Seat: Height Adjustable wooden seat
- Foot-rest: A wooden footrest is provided inside the cabin
- Drain: A galvanized tray is provided to store condensed water under the cabinet
- Size: width 28" X Depth 37" X Height 47", approx
- Finish: Cabinet has laminated finish from outside & spray painted from inside

##### **Steam-Generator**

- Heavy, food grade Aluminium body steam generator with outer lid
- Water-Level: Unit fitted with minimum water level
- Cut Off switch for the safety of heater
- Heater: Yantra is fitted with 3 KW electric heater
- Safety: Fitted with safety pressure valve, steam flow control valve and Pressure gauge

- Herbal Basket: Perforated Stainless Steel Herbal Basket on stand is provided for placing Herbs in steamer
- Timer: 60 minutes, to control the working of steam generator
- Water Capacity: 22 liters water capacity
- Mounted on Four wheels for easy mobility
- Power: 3 KW, Heater, 220V AC

### **3. INFRA-RED LAMP (with Philips or Osram Bulb 150W, Portable)**

Portable Luminous Infra-Red Lamp suitable for therapeutic Infra-Red light (fomentation) treatment.

#### **Technical Specifications:**

- Infra-Red Bulb: One, IR Bulb of 150w (Philips or Osram) fitted in a metal casing
- Construction; Standard Table-Top model with stable base and carrying handle
- Main Cord: Comes complete with power cord

### **4. SHORTWAVE DIATHERMY (500w with Pad Electrodes & Cooling Fan)**

High Power medical diathermy incorporating a high power transmitting oscillator Valve & solid state Rectifiers; provides R.F. power up to 500 watts for intense deep tissue heating without discomfort at The surface. Housed in an elegant Mobile Cabinet & designed to meet heavy work load in a hospital.

#### **Specification:**

- Frequency: 27.12 MHz; Output: Continuous, maximum: 500 watts
- Intensity: Adjustable, in 5 steps
- Electrodes: One pair Condenser pads with felt spacer & cover, Size: 15cm x 25cm
- Tuning: Manual, with tuning control knob
- Timer: 30 minutes timer with Auto-cut
- Cooling: With 10 cm diameter instrumental fan
- Voltage: 220-240V

#### **Accessories:**

- One Pair condenser Pads cable; One, Power Main cable; Spare Fuses; One Shortwave Test Tube; Two Velcro Strap to tie/ hold condenser pads with the body; and One automatic voltage stabilizer.

### **5. LONG-WAVE DIATHERMY (Pulsed & Continues)**

Long-waves have deep penetration and much better and superior modality for relieving pain, compared to Shortwave (SWD) and Ultrasound. It can be used with patients having metal implants & it will not have any irritation to bony parts.

#### **Technical Specifications:**

- Output Power: 1 MHz
- Cont. Output: 1 Watt 100 ohm
- Pulse Output: 2 watts 200 ohm
- Pulse Mode: 20, 50, 100, 150, 200, 250 Hz
- Timer: 00 to 30 minutes adjustable
- Display: LCD display

- Programme: 20 programmes stored
- Power Consumption: 60 watts
- Input Voltage: 220 V AC 50Hz

## **6. ULTRASOUND THERAPY UNIT (Digital, 1Mhz with Pre Programmed)**

Micro-Processor based, computerized ultrasound therapy unit gives you a choice of treatment modes Continuous or in Three Pulsed wave forms. The compact digital unit with built in timer and user friendly control panel gives a wide range of treatment situations.

### **Specification:**

- Ultra-Sound Frequency: 1 MHz + - 10%
- Output Mode: Continuous & Pulsed
- Pulsed Frequency: Variable, 16Hz, 48Hz, 99Hz
- Intensity: Continuous Mode: 0-2 watts/cm sq; Pulsed Mode: 0-3 watts/cm sq.
- Programme: 24 Preset Programmed Parameters (Intensity, Mode & Time of treatment)
- Treatment Head: One
- Effective Area of Radiation: 5 sq. centimeters
- Timer: 1-60 minutes adjustable, with Buzzer at the end of time
- Display: Two Line digital display of parameters
- Power Required: 220V AC, 50 Hz
- Accessories: Ultra-sound Gel bottle

## **7. INTERFERENTIAL THERAPY UNIT with RUSSIAN CURRENT (Digital)**

Interferential current stimulation is effective upon the Nerves, Muscles, Arteries and Veins. The current is able to penetrate tissues to a much greater depth, with a soft stimulative effect, thus assuring an exclusive range of application.

### **Technical Specifications:**

- Russian Current: 2500Hz Carrier freq
- Medium Frequency: 2 KHz and 4 KHz. & Russian current
- Base AMF: 00-100 Hz; Sweep AMF: 00-150 Hz
- Spectrum/ Form: 3 Position, Rectangular 1/1 Sec., Trapezoidal 1/5 Sec., Triangular 6/6 Sec.
- Therapy Mode: A, Four Pole, 45 deg. Vector IFT. B, Four Pole, 90 deg. Vector IFT; C, Four Pole IFT; D, Two-Pole, Bi pole IFT
- Intensity: 00-80 V continuously adjustable
- Intensity Balance: Available. Equalize current between two channels
- Timer: 01-60 minutes, Digital
- Buzzer: Audio buzzer at the end of Treatment Time
- Accessories: Four, big size Electrodes, Four, small size Electrodes; Four, Electrode wires; Gel: One bottle; Velcro Straps to hold/tie Pads-2; User manual
- Power Supply: 230V AC, 50 Hz.



## **8. TRANSCUTANEOUS NERVE STIMULATOR (Besmed, Two Channels, Digital)**

Light weight, Pocket Model, Two Channel, Low Frequency Digital Tens, works on Three AA battery cells. It utilizes solid state circuit to provide maximum reliability and Stability. CE marked.

### **Technical Specifications:**

- Five Different Stimulation Modes: (1) Tapping-1, (2) Tapping-2, (3) Kneading, (4) Press, (5) Vibration; One programme mode, covering all the Modes
- LCD display & digital operation
- Intensity adjustable from 0-9
- Two channel output with two sets adhesive pads
- Preset 10 minutes Timer
- Battery Life, 3 months (30 minutes per day)
- Maximum Output Frequency, 147.1 Hz for more severe pain
- Large buttons for easy operation

## **9. MUSCLE STIMULATOR with TENS (Portable, Deluxe)**

The IC based Diagnostic cum Therapeutic unit, suitable for taking S.D. Curve is a marvel of Electronics. The combination unit produces five different types of stimulating current i.e. TENS, Galvanic, Interrupted Galvanic, Faradic & Surged Faradic for S.D. Curve plotting & therapeutic use.

### **Technical Specifications:**

The "Five" Stimulating Current outputs:

1. Galvanic Output: Low ripple D.C. continuous adjustable from 00-145 volts
2. Interrupted Galvanic: Frequency, 1,2,3,5,10,30,50,60,100Hz -Pulse Duration/Width, -0.01,0.03,0.10,0.30,0.40,1,3,10,30,100,300 mille seconds
3. Faradic Output: -1 Mille Second pulsed width and 60 Hz. - Frequency, Amplitude continuously adjustable from 00-145 volts
4. Surged Faradic: Contraction Period, Adjustable from 1-9 seconds; Rest Period, Adjustable from 1-9 seconds
5. Tens: Pulse width 400 micro seconds & Frequency 50 Hz; Buzzer: Audio buzzer at the end of treatment time

### **Accessories:**

- Inactive and Active Rubber Electrodes with lint covers-3, Ball tips Electrode with Handle. & 1 pair, Electrodes Wires & User

## **10. HIGH-LOW MASSAGE TABLE With SHIRODHARA YANTRA (Electrical)**

Variable height dharapathy is suitable for abhyanga, shirodhara and nasyam etc. The top is electrically adjustable in height with heavy duty imported system for an easy access & transfer of patients from wheel chairs and doctors can give treatment while sitting or standing.

### **Technical Specifications**

#### **Massage Table:**

- Dharapathy/ Abhyanga-pattika: Size 210 cm long X 80 cm wide, constructed of mill jointed hard wooden board with natural finish
- Construction: Heavy Steel Frame, with heavy duty bush-bearings for easy Operation
- Height Adjustment: Table height is adjustable from 52-95 cm
- Lifting System: Fitted with the extremely powerful motor (imported, jack system) that safely accommodates heavy Patients. And ensures rapid and noiseless height adjustments with hand held switch
- Finish: Powder coated Frame, beautifully finished
- Power: Unit Operates on 220V AC

#### **Shirodhara Yantra:**

- Shirodhara Yantra electrical, an automatic unit with digital controls for Oil flow & Oil Temperature. Unit is fitted with Treatment timer & electrical oscillatory movement of shirodhara oil pipe
- Oil Filtration & Collecting: Yantra is fitted with stainless steel sink & sieve for Oil Collecting & Filtration
- Oil Temperature Controls: Unit is fitted with Digital Temperature Indicator cum Controller to control the temperature of the oil
- Oil Pump: One, low voltage DC motor pump to re-circulate the oil
- Oil Dhara: The oil Dhara flow can be controlled digitally. Oil is lifted and Tel Dhara drops on patient's forehead automatically
- Shirodhara Movement: An AC motor is fitted for oscillatory movement of oil Dhara pipe. It can be stopped if not required
- Timer: An electrical 60 minutes Timer stops the treatment at pre-fixed time
- Construction: The metal cabinet with chrome plated push handle is mounted on four wheels and has Powder coated finish
- Power 220V AC.

### **11. NAUTICAL Cum SHOULDER WHEEL (Wall Mounting)**

All steel constructed Nautical cum Shoulder Wheel is fitted with Resistance mechanism and 360 degree scale.

#### **Features:**

- Construction: Tubular Wheel of 100 cm diameter is mounted on three laminated hard-wood wall boards. The wheel revolves smoothly with C.I. drum for shoulder exercises
- Arc of Motion: Shoulder Arc of motion can be varied from 30-80cm by fixing handle at the required place
- Nautical Motion; Fitted with 10 cm long 8 handles on a tubular circle for Nautical Motion Exercises
- Height Adjustment: Wheel can be raised or lowered on two Stainless Steel Channels by 50 cm to suit each patient
- Resistance: Wheel is fitted with advanced Calibrated
- Sensitive Resistance mechanism and the resistance is controllable from Zero to Maximum

- Feed Back: A 360 degree scale is provided on the drum to measure & record the degree of revolution from either direction (for Left or Right Shoulder) for immediate feed-back to the patient.
- Wall Boards: Two board are fitted with Two Stainless
- STEEL channels (81 cm H X 6 cm W) for height adjustment
- Wall mountable unit, set include mounting hardware
- Finish: Powder coated finish

## **12. STATIC CYCLE EXERCISER (Adult, As Per ISI)**

Ruggedly built tubular steel frame stands solidly on four rubber tipped properly balanced legs.

### **Specification:**

- Provided with adjustable standard cycle seat and specially designed adjustable handle
- Fitted with one hard rubber tired wheel and standard chain and sprocket for bicycle drive
- Comes with chrome plated wing nut, pressure rod and ball bearing Resistance roller which permits controlled variation in ridding effort
- Odometer shows speed and kilometer done
- Powder Coated finish with working parts finish with chrome plating
- Manufactured as per ISI standard.

## **13. PARALLEL WALKING BAR DELUXE (with Glider & Height Electrically Adjustable)**

Specifically designed deluxe Parallel Bar provides independent Height adjustment with a touch of a Button. The quick, smooth, electric powered movement to different heights helps to achieve maximum comfort for each patient & a real time saver to the therapists. Glider provides assistance to patients with hemiplegia, extremity or trunk weakness, balance problems or those who cannot bear weight on their wrist or hands.

### **Technical Specifications:**

- Hand-Rails: Stainless Steel, 3.60 meter Long & of 38mm diameter
- Height adjustment: From 75-100cm. electrically, 220v, AC
- Width adjustment: manually, from 40-60cm
- Glider, Parallel Bar: Padded for arm support with Grip handles, Positioned and moves atop bars
- Abduction Board: Removable, natural finish
- Platform (Base): Hardwood construction with Tapered ends & fitted with non-slip mattress

## **14. TREADMILL (Motorized, Professional)**

Pro-Treadmill comes with 3CHP motor, Grip handles & hand touch pulse readout. It has a large running area/surface with shock dissipation system, emergency stop button with Power Incline.

### **Specification:**

- Motor: 3CHP (6-HP Peak) AC motor with controller

- Speed: 0.8-22km/hr
- Incline Range: Power Incline, 0-15%.
- Walking Surface: 22"X60"
- Red Out (Display): 10 Preset, 1 Manual, 2 custom programs, display with 1 HRC, Incline, Time, Distance, Pulse, Calories, with instant keys
- User Weight: 350 lbs/ 160 Kg
- Roller: 76mm diameter
- Gross Weight: approx. 150 Kg
- Additional Features: Instant Speed (+/-) & Incline (+/-) buttons, 6 point elastic cushions, & Wheel for transportation
- Maintenance: Lubricated bed/ belt combination
- Construction: Heavy stable frame with patented frame cushion system for stability
- Safety: A safety key shuts down in emergency.

### **15. AKAY HI-TRAC UNIT With 8 Traction Modes, (Computerized, With Bed)**

Akay Hi-Trac, A micro-computer controlled unit with Eight Traction Modes for LUMBER-CUM-CERVICAL TRACTION is based on solid-state circuitry. The Three Section fixed Height painted Bed with storage Cabin underneath is an integral part of the unit.

#### **Technical Specification:**

- Therapy Modes: EIGHT Traction Modes for either Lumber or Cervical Traction, in Progressive, Regressive, Intermittent & Static modes, etc
- Memory/Programme: "30" Treatment Patterns can be programmed & stored in non-volatile memory (24 Programmes are feeded and six programs are Free)
- Traction Force: Adjustable from 05-60 kg
- Base Force: Adjustable from 00-54 kg
- Traction Hold Time: Adjustable from 00-99 Sec
- Base Trac Hold Time: Adjustable from 00-99 Sec
- Treatment Time: Continuously adjustable from 00-99 minutes, with acoustic signal & automatic reduction of traction force
- Displays: Digital display of Traction Force, Base Force, TF Hold Time, BF Hold Time, Treatment Time & Graphical Display of Traction Mode
- Auto-Tension-adjustment: The set traction force is automatically maintained throughout the operation.
- **Traction/ Patient Safety:**
  1. Automatic System Check in Soft-ware on start of traction
  2. Program Error: Error in programming is displayed/signaled on the panel
  3. High Force: High-Force Signal is activated if Traction force is set for more than 18 kg
  4. High-Force Acceptance: Acceptance of High Force is required before start of treatment
  5. Automatic Tension release when emergencies occur Patient can Stop with hand held switch
- Couch/Bed: Fixed Height-70 mm, foam padded top is divided in Three sections. Head section has an adjustable incline

- Accessories: Adjustable Flexion Stool, Head-Halter, Pelvic & Thoracic Belts
- Power Supply: 220-240 V AC (use stabilizer).

## **16. PARAFFIN WAX-BATH (Arm, Hand & Foot)**

Paraffin Wax Bath, Used for Paraffin Treatments for the Symptomatic relief of pain & stiffness due to Arthritis, Bursitis, Tendonitis, Muscle strains or Sports Injuries. Internal Wax Tank made out of Stainless sheet with Aluminum cover and Laminated wooden rim. The low temperature paraffin permits the immersion of the limb directly into the wax-bath or to apply with brush.

### **Technical Specifications:**

- Construction: Double walled body, well insulated. Wax tank of 20 gauge Stainless steel sheet. Fitted with laminated wooden rim & Aluminum cover
- Wax Chamber: Size: 50cm X 35cm X 25cm
- Heaters: Two, 1kw each, special wax Heaters
- Heat Control: Thermostat to control temperature from 00-85 degree Centigrade
- Indicator Lamps: Two, for Mains & Thermostat.
- Size: Overall Size of Wax Bath, 65cm long X 45cm wide X 37cm high
- Mounting: Mounted on 5cm diameter Four casters
- Power: 220-240 V AC (Load, 2kw)
- Finish: Externally Powder Coated finish
- Accessories: 6 Kg Physio Wax, Power Plug, One brush for wax application, One Mug, One spatula & aluminum sheet mesh for heaters.

## **17. NADI SWEDAN YANTRA (Electrical)**

Heavy body Steam Generator for Nadi Swedan is fitted with an electric heater, pressure gauge, safety pressure valve & steam flow control valve. Steam flows from a tapered hand-held nozzle to give non-pressurized steam-bath at a particular point.

### **Technical Specifications:**

- Steam-Generator: Heavy, food grade Aluminium body steam generator with outer lid (OL)
- Steam Sprayer: Stainless steel Hand held sprayer with wooden handle & aluminum water strainer is fitted with special high pressure steam hose
- Heater: Yantra is fitted with 3Kw electric heater
- Safety: Fitted with safety pressure valve, steam flow control valve and Pressure gauge
- Herbal Basket: Perforated Stainless Steel Herbal Basket on stand is provided for placing Herbs in steamer
- Water Capacity: Maximum 22 liters Water capacity
- Mounting: Unit is mounted on Powder-coated Tubular Steel frame & fitted with four wheels for easy mobility
- Power: 3 KW, Heater 220V AC.

## **18. EXAMINATION Cum TREATMENT COUCH (Metal, 190cm long X 65cm wide X 80cm high)**

Basic treatment cum examination table with vinyl upholstered two-section well padded top.

### **Specification:**

- Construction: Top is fitted on heavy duty rectangular steel pipe frame and mounted on four, chrome plated, 37mm dia. tubular legs for stability
- Size: Length 190cm X width 65cm with a fixed working height of 80cm
- Top: Two-section well padded top
- Backrest: 67cm long and is easily adjustable for desired position
- Breathing Hole: Head end / Backrest comes with Breathing Hole & Plug
- Finish: Powder coated Frame fitted with Chrome-plated Legs
- Note: Legs are easy to assemble with a few basic tools at destination

## **19. FOOT STOOL (WOODEN)**

### **Technical Specifications:**

- Ply board constructed with natural wood finish
- Fitted with non-woven matting
- Double-Step
- Size: 50cm long x 45cm deep x 30cm height

## **20. WHEELCHAIR, Folding With Heavy Duty Frame**

Adult size, folding, heavy duty wheelchair with Chrome Plated tubular frame and strong double fold leatherette made Seat and Back.

### **Specification:**

- Frame: Strong tubular frame of 22mm diameter tube; Side frames fold easily on central tube hing
- Seat & Back: 45cm wide, folding & washable
- Armrest: Fixed, with Skirt Guard & Arm-Supports
- Leg-rest: Fixed with Leg support belt
- Foot-rest: P.P. Moulded foot-rest
- Front Wheel: 20cm dia. Casters, with Solid Tyres
- Rear Wheel: 60cm dia. Heavy duty Mag Wheels or spoke wheels with solid Tyres
- Push-Rims: Rear wheels are fitted with Push rims
- Breaks: Forward Push safety Breaks on both sides
- Finish: Chrome-plated finish
- Load Capacity: 80 kg.

## **21. VACUUM THERAPY/ ELECTRODE UNIT (VAC-108)**

The Vacuum Therapy unit is used together with a stimulation current unit. The vacuum electrodes adhere to the skin of the patient by suction & transmit the stimulation currents to the areas which are difficult when treating shoulders, knees & neck etc, the Suction rate combined with Vacuum offers advantage of pulsed massage stimulation also.

**Specification:**

- Vacuum; 00-600m Bar
- Pulsation; 10-60 Pulse/ minute
- Input Electrodes: Four, banana jacks for electrical Input
- Output Electrodes: Four, pneumatic connector for Electrical & reduced Pressure Coupling
- Power consumption: 46 Watts
- Mains Input: 220V/ 50 Hz.

**22. GRIP EXERCISER (With Base)**

Finger & Grip exerciser suitable for patients with very weak/ infirm hand

**Specification:**

- Metallic grip exerciser with chrome plated finish, is fitted on a 75mm wide laminated base
- Unit gives heavy resistance with Six detachable springs
- The upper bar is calibrated in centimeters and is provided with a needle to mark & record the daily progress

**ANNEXURE –B**

**PRICE BID**

<b>Sl.No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Basic Unit price</b>	<b>HSN code for the item</b>	<b>Packing / forwarding Charges, if any</b>	<b>Freight /Insurance charges if any</b>	<b>Total</b>	<b>% of GST for corresponding HSN Code</b>	<b>GST Amount</b>	<b>Total Value</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>

**Note: (Relevant columns to be filled with Percentage / Numerical values only, else will be treated as Included in F.O.R Site total price)**

Signature of Tenderer  
Seal and Stamp



**Annexure -C**  
**UNDERTAKING**

( To be furnished in the Company's official letter pad with full address and contact no etc)

To  
Director  
National Research Institute of Unani  
Medicine for Skin Disorders  
A.G. Colony Road, Erragadda,  
Hyderabad - 500 038

Sub: NIT for Supply of Equipments for National Research Institute of Unani Medicine  
for Skin Disorders  
, Hyderabad  
Ref Tender Notice No..... Date .....

Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation :

1. That the application is made by me / us on behalf of ..... In the capacity of.....duly authorized to submit the offer.
2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period.
3. We are offering rates which will be valid for 1 year for the following item /items and assured supply to the Director, National Research Institute of Unani Medicine for Skin Disorders, Hyderabad.
4. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.
5. We understand that :
  - (a) Tender Committee/ Purchase committee of the NRIUMSD, Hyderabad can amend the scope & value of the contract bid under this project.
  - (b) Tender Committee/ Purchase committee of the NRIUMSD, Hyderabad reserves the right to reject any application without assigning any reason;

Date :-

Signature of applicant including title  
and capacity in which application is made.  
Contact no :  
Tele :  
Mobile :  
E Mail address :