GDOHWA (Samarth)
Education Rehabilitation for Amphan Affected regions Phase 9

Equipment purchasing for continuous service in the Samarth Physiotherapy center
Purchasing of Equipments for the Physiotherapy center

- **Physiotherapy Centre of Samarth** was started in the year 2012
  - Asha for Education gave some financial assistance to purchase the equipments of our Physiotherapy center

- **In due course of time maximum equipments have rusted and not working properly**
  - Reason of malfunctioning
    - Purchased long back
    - Overuse
    - Environmental effects due to poor infrastructure
      - Heavy Rain/Watershed during *Amphan* (resulted in rusting and lowered efficiency)
      - Usual dusting related issues due to Chhatarpur’s geolocation in Coastal area

- **They are having**
  - 2 Physiotherapists (one from Asha side and the other from government side)
  - 1 Occupational therapist
  - 1 Speech therapist
  - 2 music therapists
  - 1 PET

- **The facilities are targeted towards servicing**
  - 60 MR Children
  - 54 CP Children
  - 45 Asha sponsored students and
  - 40 Developmental Disabled persons

- **Apart from the above Samarth has also extended the service to (at free of cost)**
  - Orphan, Poor, Downtrodden, Helpless and the Handicapped people in emergency

- **During Pandemic situation of COVID-19, in the time of Amphan, cyclone, flood and tsunami**
  - Samarth staffs are moving door to door and providing different types of therapeutic services to the needy people.
  - While doing the above-mentioned services, they are severely lacking enough equipments.

- **Samarth has already identified some equipments (that should be bought immediately)**
  - But Samarth does not have enough fund and also their focus is construction of building and that has led to a financial crisis situation
  - The cost of their identified equipments are around **Rs. 4.5 lakhs**.
  - If ASHA can fund **Rs 4, 00, 000/-** then they will arrange Rs. 50, 000/- towards purchasing the equipments
## Equipment List and Estimated Costs

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Cost (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vectrostim Plus</td>
<td>45000</td>
</tr>
<tr>
<td>Ultrasound 1 &amp; 3 MHz</td>
<td>32000</td>
</tr>
<tr>
<td>Wavestar 500 Continuous and Pulsed Solid State Shortwave Diathermy</td>
<td>120000</td>
</tr>
<tr>
<td>Hydrocollator 4 PACK</td>
<td>16000</td>
</tr>
<tr>
<td>Paraffin wax bath</td>
<td>14000</td>
</tr>
<tr>
<td>Suspension therapy</td>
<td>51750</td>
</tr>
<tr>
<td>Tilting Table</td>
<td>18000</td>
</tr>
<tr>
<td>Treatment table</td>
<td>6000</td>
</tr>
<tr>
<td>Bobath bed</td>
<td>96000</td>
</tr>
<tr>
<td>Parallel bar with mirror</td>
<td>22500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>421250</strong></td>
</tr>
<tr>
<td><strong>GST (12%)</strong></td>
<td><strong>50550</strong></td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>471800</strong></td>
</tr>
</tbody>
</table>

Fund expected from Asha : **4,21,000/- INR**

*Balance amount of GST would be waived by the vendor*
To
The Chairman
Ganjam, Chatrapur

Sub: Quotation for Physiotherapy & Occupational therapy equipments.

Dear Sir,

In response to your inquiry for physiotherapy equipments we are happy quote our current prices, we trust these will meet your approval and shall be with an early reply.

**Terms & Conditions:**
1) Taxes: GST Tax @12%, 18%,5% charged extra or supply of as applicable.
2) Delivery: 2 to 3 weeks after receipt your confirm order.
3) Warranty: One-year warranty against manufacturing defective excluding oscillating valve and consumable items.
4) Free service will be provided during warranty period.

**Contact Details:**
Plot no-13, 1st Floor, Bapujinagar.
Bhubaneswar-751009
Ph-06742597448
09437388448

Thanking You.
Your’s faithfully
For M/S. EDUMEDICS
<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Item</th>
<th>Description</th>
<th>Price in Rs:</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Model – Vectrostim plus</td>
<td>Vectrostim Plus is the best IFT machine available in India. Attractive International Looks and an Extensive list of Indications. Big LCD Display showing all treatment parameters. This machine is very easy to use.</td>
<td>45000.00</td>
</tr>
<tr>
<td></td>
<td>Make – Technomed Electronics</td>
<td>Vectrostim Plus comes with most advanced solid state electronics and latest signal processors which makes it even more better than our most popular Vectrostim 100 machine.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vectrostim Plus has all the 102 programs (29 IFT, 73 programs in MST and TENS) including 4 Diadynamic current programs programs available in Vectrostim 100 - plus an extensive list of pre-defined indication list. This machine also has Ultra Reiz, Leduc and many other electrotherapy currents.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vectrostim Plus can be Upgraded to LASERSTIM.</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Ultrasound 1 &amp; 3 MHz</td>
<td>Electroson 900 is advanced microcontroller based dual frequency ultrasound therapy equipment. It combines the functions of both 1 MHz &amp; 3 MHz. Zoomed backlight LCD panel and a soft touch membrane keyboard enables the physician to set the parameters easily.</td>
<td>32000.00</td>
</tr>
<tr>
<td></td>
<td>Make – Technomed Electronics</td>
<td>1 MHz is used for deeper penetration and 3 MHz is used for superficial treatments. Additionally 3 MHz is used to produce thermal effects very useful in heating the muscles. Thus a combination of both makes Electroson 709 an advanced ultrasound therapy machine.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Circuitry Independent 1 &amp; 3 MHZ circuitry with separate treatment</td>
<td></td>
</tr>
</tbody>
</table>
heads for 1 MHZ and 3MHZ output are provided.

**Liquid Crystal Display**
Liquid Crystal Display with back light displays the all the parameters, the treatment time and the output power.

**Portable**
Compact and light weight makes the unit portable.

**Safety Features**
Computerized programs ensure that the machine produces output only after Intensity is set to Zero with audio alarm. This prevents a patient from accidentally receiving a high intensity that was set for the previous patient.

**Continuous & Pulsed**
Continuous & Pulsed Modes of operation available. Using the soft touch keyboard controls, the user can easily switch between continuous and pulsed mode.

**Waterproof Lightweight Handle**
Ergonomically designed light weight waterproof moulded handle is comfortable to hold and can be used for underwater treatment. The 1 & 3 MHZ heads will be of different colours thus easily identifiable.

**Technical Specifications**

**Ultrasound Frequency:** 1 MHz & 3 MHz  
**Maximum Output:** 12 Acoustic Watts Max.  
**Ultrasound Power Density:** 2.5 Watts / cm²  
**Treatment Time:** 0 – 99 Minutes  
**Mode of Operation:** Continuous and Pulsed  
**Diameter of Transducer Head:** 35 mm  
**Alarms:** Audio Alarm at the end of treatment with auto cutoff.

**Pulse Durations:**
1:1 – 2 msec ON 2 msec OFF  
1:4 – 2 msec ON 8 msec OFF  
1:7 – 2 msec ON 14 msec OFF  
1:10 – 2 msec ON 20 msec OFF

**Operating Voltage:** 220V AC / 50 Hz  
**Max Power Consumption:** 46 Watts  
**H x D x W:** 300 x 260 x 75  
**Weight:** 4.2 Kgs

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Wavestar 500</td>
<td>Continuous and Pulsed Solid State Shortwave Diathermy</td>
<td>120000.00</td>
</tr>
<tr>
<td>Make – Technomed Electronics</td>
<td></td>
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</tbody>
</table>

Wavestar 500 is an advanced solid-state technology based on Continuous and Pulsed shortwave diathermy Machine. This machine has most advanced features to facilitate quick and effective treatment of the patient.

**PULSED MODE**
The latest advancement in shortwave therapy is PULSED MODE. This technology provides another dimension of effectiveness in the treatment of pain and inflammation.
the chances of patient developing burns and blisters are eliminated. The patient feels a soothing warm sensation throughout treatment. At even lower Pulsed levels negligible warmth is felt which is very safe for treating diabetic and geriatric patients.

**CONTINUOUS MODE**
The machine also has a CONTINUOUS mode to produce strong thermal effects. As the quality of output is much better due to solid state technology the heat build-up happens gradually and hence even more comfortable and safer on patients.

Developed using advanced solid-state electronics. The machine produces pure 27.12 MHZ shortwave output. The highly power efficient and robust solid-state power electronics can produce ripple free pure wave form.

Conventional shortwave machines in the market use Radio frequency valves. Valve model shortwave besides being fragile and having non-repairable parts, the technology is obsolete.

**Digital Display**
Digital Display of Output Power for accurate and easy setting of power.

**Frequency Settings**
3 Different Pulse Frequencies settings for delivering the right mount of dose to the patient.

**Tuning System**
Attractive and user friendly tuning system with illuminated bar graph for quick and easy tuning.

**Continuous Mode**
Continuous mode for Deep Heating particularly useful for disc electrodes.

**Power Adjustment Knob**
Colour coded Power Adjustment knob to select a-thermic treatment, mild heat or deep heating.

**Trolley Model**
Trolley model for easy mobility in hospital/clinic.

**Technical Specifications**
- Output Frequency: 27.12 MHz
- Mode: Continuous and Pulsed
- Output Power: 200 W Average Power with Digital Display
- Pulse Frequency: 800 Hz, 600 Hz, and 400 Hz
- Duty Cycle: 0 – 100%
- Treatment Duration: 1 – 30 minutes in 1 minute increments
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Make</th>
<th>Features</th>
<th>Price</th>
</tr>
</thead>
</table>
| 04| Hydrocollator 4 PACK                                                        | Ub Physio Solutions| - Highly effective  
- Easy to use  
- Helps in good blood circulation | 16000.00 |
|   |                                                                             |                    | Other Details:  
UB physio solution hydrocollator unit is very effective for moist heat therapy application  
The inner and outer of the units is made of stainless steel so as to avoid rusting  
The unit is held on heard angles, so as to give streng to the unit |        |
| 05| Paraffin wax bath                                                           | UB Physio Solutions| - Thermostatically controlled unit  
Concealed water heaters which do not come in the direct contact of water and chamber  
Temperature maintains indicator and mains indicator | 14000.00 |
|   |                                                                             |                    | Other Details:  
UB physio solutions wax bath made out of stainless steel sheet  
The top has an aluminum cover, works on electricity 220-240  
Provided with special wax immersion type heater and thermostat to control temperature  
Externally finished oven backed  
Wax baths are comes with different |        |
<p>| 06| Suspension therapy                                                          | Ub Physio Solutions| Tubular steel construction, with welded steel rod-mesh at the top for complete suspension with slings &amp; ropes. Mesh facilitates suspension at any desired point in relation to the patient and as required in each individual case. Comes complete with Suspension Gear. Frame Supplied without Couch. | 51750.00 |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specifications</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>07</td>
<td>Tilting Table</td>
<td>Manually operated Tilt Table comes with three wide straps to hold the patient. Works to standing position manually with warm gear arrangement. Range of tilt is calibrated from 0-90 degree. The upholstered table is fitted on heavy duty square steel tube legs and mounted on four lockable 10cm dia casters for mobility. Frame beautifully finished in oven baked enamel.</td>
<td>18,000.00</td>
</tr>
<tr>
<td>08</td>
<td>Treatment table</td>
<td>Overall Size : 183(L) x 60(W) x 81(H) cm</td>
<td>6,000.00</td>
</tr>
</tbody>
</table>
| 09   | Bobath bed                                       | HI-LOW Mat-Platform is ideal for range of motion, transfer, strength building and other active therapies. Platform with height adjustment and adjustable backrest makes delivering therapy easier for the therapist. Specifications:-  
* Frame-Work: Rectangular tube constructed, with wide base and finished oven baked enamel.  
* Height Adjust: Electrically Adjustable with a Hand switch from 50cm to 95cm.  
* Mat Platform: Foam padded, with adjustable back-rest, Size 120cm x 210cm.  
* Motor System: Imported with vibration free movement. Weight capacity 120 kgs. | 96,000.00 |
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Parallel bar with mirror</td>
<td></td>
<td></td>
<td>22500.00</td>
</tr>
<tr>
<td></td>
<td>Make – Ub Physio solutions</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>* Power: 220 V AC.</td>
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<td></td>
<td>TOTAL</td>
<td></td>
<td></td>
<td>421250.00</td>
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Thanking You,

For Edumedics,