

INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

Ground Floor, Block "A", Vishwakarma Government Engineering College Campus

Visat-Gandhinagar Highway, Chandkheda, Ahmedabad-382424. Tel/Fax No. +91 79 2397 2583

Website: - www.iitgn.ac.in

Date: 22nd January, 2013

Tender No.: IITGN/PES/LTA/2012-13/0399

Last date: 12th February, 2013 on/before 05:00 PM

SUB: Invitation of sealed tender for Supply of "Physiotherapy Lab Equipments (Electro & Exercise Therapy Equipments)" as per the details & specifications mentioned in the Annexure – I for our Institute.

Dear Sir,

Indian Institute of Technology Gandhinagar invites sealed tender for **Supply of "Physiotherapy Lab Equipments (Electro & Exercise Therapy Equipments)" as per the details & specifications mentioned in the Annexure – I for our Institute** on the following terms & conditions:

1. If the supplier/firm is manufacturer/authorized dealer/sole distributor of any item/equipment, the Certificate to this effect should be attached.
2. The tender documents are to be in two parts as **Technical Offer and as Financial offer**:
 - a.) The Technical offer should include the detailed specifications of main equipment/item and its accessories. All items should be numbered as numbered for each instrument.
 - b.) The financial offer should include the cost of main equipment/item and its accessories numbered as in (a). If there is any separate cost for installation etc. that should be quoted separately. The total cost should be quoted in words as well as figures (typed or printed). Amendment should be avoided. Amendments, if any, should be duly initialed, failing which the offers are liable to be rejected.
 - c.) The two parts of the offer should be placed in separate sealed envelopes clearly marked "**Technical Offer**" & "**Financial Offer**". These two envelopes must be enclosed in one bigger envelope duly sealed and super scribed with tender number, name of the instrument/item and tender due date must be forwarded to the undersigned so as to reach him on or before the due date.

Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

3. Fax and Email quotation are not acceptable.

4. Quotations should be valid for 120 days from the tender due date. The quotation should clearly indicate the period of delivery, warranty terms etc. A minimum of one year warranty is required from the date of commissioning.

5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. The Suppliers should submit copies of suitable documents in support of their reputation, credentials and past performance.

6. The quotations should be given for the items in the same order as in the tender document.

7. The quantity shown against each item is approximate and may vary as per demand of the Institute at the time of placing order.

8. IIT Gandhinagar is exempt from payment of Excise Duty. Necessary certificate will be issued on demand.

9. In the event of any dispute or difference(s) between the vendee IIT Gandhinagar and the vendor(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the concerned authority of IIT Gandhinagar who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act 1996. The decision of the arbitrator shall be final and binding on both the parties.

10. The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator.

11. All disputes shall be subject to Gandhinagar Jurisdiction only.

12. IIT Gandhinagar reserves the rights to accept/reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.

13. The Tender/Bid will be open on **14.02.2013 at 04:00 PM at IIT Gandhinagar Premises.**

- a.) The suppliers or their authorized representative may also be present during the opening of the Technical offer, if they desire so, at their own expenses.
- b) Only those financial offers will be opened whose technical offers are found suitable by the expert committee appointed for the concerned instrument/equipment.
- c) No separate information shall be given to individual bidders. In incomparable situation, the committee may negotiate price with the qualified bidder quoting the lowest price before awarding the offer.
- d) The Tender Committee reserves its right to select or reject any or all of the Items/equipment mentioned above without assigning any reasons.

14. In case the supplier requires any elucidation regarding the tender documents, they are requested to contact to the Assistant Registrar (M.M.) through e-mail, purchase@iitgn.ac.in on or before **4:00 PM, 12.02.2013.**

15. A demand draft of **Rs. 250/- (Rupees Two Hundred Fifty Only)** towards non-refundable tender fee and a demand draft of **Rs. 7,710/- (Rupees Seven Thousand Seven Hundred Ten Only)** at the rate of 2% of the tender value towards refundable EMD from a Nationalized bank/Schedule Bank in favour of **“IIT Gandhinagar Main Account”** payable at Ahmedabad placed in a separate envelope marked **“Tender Fee & EMD”** should accompany tender bid documents. Both the demand drafts should be valid for 90 days. Without the Tender Fee and EMD the bid will not be considered.

The EMD of the successful bidder will be returned to them without any interest after completing the successful installation. The earnest money of unsuccessful bidders will be returned to them without any interest within thirty (30) working days after awarding the offer.

16. All tender documents should have to be forwarded through speed post or registered post, courier to the following address so as to reach the following address on/before **05:00PM, 12.02.2013.**

Assistant Registrar (M.M.)

Indian Institute of Technology Gandhinagar,
Vishwakarma Government Engineering College Campus,
Ground Floor, Block “A” ,
Visat-Gandhinagar Highway, Chandkheda
Ahmedabad 382424
Tele/ Fax No. +91 79 2397 2583

Other Terms & Conditions:

1. Pre – Qualification Criteria:

a. Bidders should be the manufacturer / authorized dealer. Letter of Authorization from Manufacturer on the same and specific to the tender should be enclosed.

b. An undertaking from the original Manufacturer is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.

2. **Delivery:** The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within one week of delivery unless otherwise prescribed.

3. **Penalty:** If the suppliers fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.

4. **Training:** Suppliers need to provide adequate training at IIT Gandhinagar to the nominated person of IIT Gandhinagar at their cost. IIT Gandhinagar will not bear any training or living expenditure in this regard.

5. **Installation & Warranty Declaration:** Suppliers must give the comprehensive onsite warranty as required from the date of successful installation of Equipment against any manufacturing defects. In the installation report the model number of instrument and all spares parts numbers should be in the line of purchase order. And suppliers must be written in the warranty declaration that “everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document.”

Any deviation in the material and the specifications from the accepted terms may liable to be rejected and the suppliers need to supply all the goods in the specified form to the satisfaction / specifications specified in the Purchase order and demonstrate at the their own cost.

Sd/-

Assistant Registrar (M.M)

PARTICULARS TO BE FILLED BY THE SUPPLIER

1. Name of the Supplier:
2. Complete Address of the Supplier:
3. Availability for demonstration of instruments at IIT Gandhinagar: Yes / No [Please √]
4. Cost of the Tender enclosed: Yes/No [Please √] If yes,
 - a.) Name of the Bank _____
 - b.) Amount (₹) _____
 - c.) Demand Draft No. _____
5. Earnest Money Deposit enclosed: Yes / No [Please √] if Yes,
 - a.) Name of the Bank _____
 - b.) Amount (₹) _____
 - c.) Demand Draft No. _____
 - d.) Last Validity date of the enclosed DD _____
6. Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents kindly update IIT Gandhinagar]
 - a.) Full Name :
 - b.) Complete Postal Address:
 - c.) Telephone No.:
 - d.) Fax No.:
 - e.) Mobile No.:
 - f.) E-mail:
 - g.) Website Address:

Annexure-I

Name of the item/Equipment: -Physiotherapy Lab Equipments
(Electro & Exercise Therapy Equipments)
(Details & Specification as mentioned below)

Quantity required: - 1 Unit/No. for Each item/equipment

Technical Specifications: -

Sr. No.	Item/Equipment	Requirements	Specifications
1	Short Wave Diathermy Machine	<ol style="list-style-type: none"> 1. Medium powered 2. Compact model 3. High frequency current (Range 20MHZ- 30MHZ) 4. Maximum power output of 300 watts by valve generator. 5. Separate indicators and switches for high and low tension current. 6. Separate meter for indicating peak current in mill ampere for facilitating easy tuning and operation. 7. H.T. must switch off automatically when treatment time gets over. 	<p>Technical:</p> <ol style="list-style-type: none"> 1. Power Output :300 Watts 2. Frequency Range :20-30 MHZ 3. Wave length :11 meters <p>Additional:</p> <ol style="list-style-type: none"> 1. Operating Voltage :220 V AC, 50 HZ 2. Max Power Con. :500 VA 3. L x B x H : 45 x 36 x 31cms
2	Ultra Sound Machine	<ol style="list-style-type: none"> 1. Separate 1 MHZ & 3MHZ Dual Frequency 2. LCD Display: All Parameter, Treatment Time and Out Power 3. Compact and Light Weight Portable 4. Computerized Microprocessor based program menus for treatment with accidental prevention mechanism 5. Continuous and Pulsed 6. Waterproof and light weight handles for underwater treatment option 	<p>Technical:</p> <ol style="list-style-type: none"> 1. Ultrasound Frequency : 1 MHz & 3 MHz 2. Maximum output : 12 Acoustic watts Max 3. Ultrasound power density : 2.5 Watts / cm² 4. Treatment Time : 0 – 99 minutes 5. Mode of operation : Continuous & Pulsed 6. Diameter of Transducer Head : 35 mm 7. Alarms : Audio Alarm at the end of treatment with auto cutoff. 8. 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 <p>Additional:</p> <ol style="list-style-type: none"> 1. OPERATING Voltage : 220 V AC, 50 HZ 2. MAX POWER CONSUMPTION : 46 Watts 3. L x B x H : 300 x 260 x 75 (H x D x W) 4. Weight : 4.2 kg
3	Traction Machine (Lumbar cum Cervical)	<ol style="list-style-type: none"> 1. Silent Motor Intermittent Machine Mechanism 2. Gear Box Mechanism with High Power Motor which can pull ranging from 5-95kg 3. Automatic Treatment Ending System with alarm 4. Lumbar, Cervical and Thoracic modality treatments 5. Treatment Timer 6. Hold Time 7. Rest Time Controlling System 8. Audio-Visual Alarm System 9. Continuous & Intermittent Operational Modes 10. Automatic/Manual Switch Off 	<p>Technical:</p> <ol style="list-style-type: none"> 1. Traction force :5 to 45 kgs with doubler up to 90 kgs 2. Hold time :20, 40, 60, 80 secs 3. Rest time :8 – 100 Hz 4. Treatment time :60 minutes with digital display 5. Alarms :Activated by patient safety switch <p>Additional:</p> <ol style="list-style-type: none"> 1. OPERATING Voltage :220 V AC, 50 HZ 2. Mounting :Table, wall mountable or cot mount 3. L x B x H :33 x 28 x 29.5 cms 4. Weight :12 kgs

		<ul style="list-style-type: none"> 11. Electrical Shock Prevention System 12. High durability digital treatment timer display system 	
4	Traction Table	<ul style="list-style-type: none"> 1. Should have facility to fit any traction unit. 2. Should be a two section table. 3. Should have armpit for counter traction 4. Should have facility to adjust the height of the traction unit. 5. Should have powder coated mild steel body. 6. Should be supplied with soft mattress. 7. Should be supplied with foot rest. 	Technical: <ul style="list-style-type: none"> 1. L 7.5ft X W 2.25ft X 2.25ft (Approximate Size)
5	Interferential Therapy (IFT) Machine	<ul style="list-style-type: none"> 1. Equipment must have computerized unit 2. Must have vector scan presets 3. Must have channels, modes for programs (Range: Min.20 & 2,4 and 4pole scan programs) and treatment time operating options 4. Base and Spectrum Frequency Variation Modes 5. Scanning at 45 & 90 Degrees and Automatic Intensity Control for accidental control 6. Must be a portable model 7. Must have base and spectrum controls 	Technical: <ul style="list-style-type: none"> 1. No of Channels : 2 Channels 2. Output Current : 0-90 mA 3. Output Frequency : IFT Channel I - 4000Hz-4250 Hz Channel II 4000 Hz (constant) 4. Interference Frequency : Base – 0 Hz –100 Hz Spectrum – 0 Hz – 150 Hz 5. Vector scanning :45 & 90 degrees Additional: <ul style="list-style-type: none"> 1. OPERATING Voltage:220 V AC, 50 Hz 2. L x B x H :30.5 X 32 X 10 cms 3. Weight : 3.5 kgs
6	Muscle Stimulator Machine	<ul style="list-style-type: none"> 1. Compact Model 2. Computerized Operation 3. Transcutaneous Electrical Nerve Stimulation Machine cum muscle stimulator with various program modes (Min-70) 4. Smart Accidental High Intensity Passing Prevention System with Alarms 5. Digital display System for Output Current with SD curves 6. Surge protection system 7. Auto switch off system with microprocessor with digital display 	Technical: <ul style="list-style-type: none"> A. Muscle Stimulation Modes: <ul style="list-style-type: none"> 1. Plain/Surged Faradic 2. Plain/Pulsed Galvanic 3. Iontophoresis 4. Triangular Waveforms 5. SD Curve B. Transcutaneous Electrical Nerve Stimulation Modes: <ul style="list-style-type: none"> 1. Plain/Surged TENS Additional: <ul style="list-style-type: none"> 2. OPERATING Voltage : 220 V AC, 50 HZ 3. Max Power Consumption : 46 WATTS 4. L x B x H : 16 x 21 x7 cms 5. Weight : 1.3 kgs 6. TROLLEY : Castor wheels based
7	Infra-Red Stand (IR)	<ul style="list-style-type: none"> 1. Equipment must have 15 minute timer for presetting treatment time. 2. Element or bulb automatic off timer. 3. Low & High indicator switch. 4. Angle, Height & Direction Adjustment Modes 5. Model must have castor wheel setting. 	Technical: <ul style="list-style-type: none"> 1. SUPPLY : 230 V AC \pm 10% 50 Hz
8	Wax Bath (Paraffin)	<ul style="list-style-type: none"> 1. Elegant Oval shaped body. 2. KW heating element to heat wax quickly. 3. Auto temperature control system 4. Mains indicator for mains supply and heater indicator for heater supply. 5. Castor wheel stand for easy 	Technical: <ul style="list-style-type: none"> 1. Supply : 230 V AC \pm 10% 50 Hz.

