

DIRECTORATE OF SPORTS
PANJAB UNIVERSITY CHANDIGARH

TENDER DOCUMENT No. 4932/DS Date: 21.08.2013

FOR

Physiotherapy Machines

Date of issue of tender: Date: 21.8.2013

Date of Submission : 5.9.2013 at 3.00 p.m.

Date of opening tender: Date 5.9.2013 at 3.30 p.m.

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Chapter I

DIRECTORATE OF SPORTS PANJAB UNIVERSITY CHANDIGARH

TENDER NOTICE FOR PHYSIOTHERAPY MACHINES

Sealed tenders are invited for the supply of Sports Physiotherapy Machines which will be received in the office of the Directorate of Sports, P, U, Chandigarh till 5.9.2013 by 3.00 p.m. and same will be opened on the same day 5.9.2013 at 3.30 p.m. in the presence of the tenderers or their representative who are to be present for General Information, conditions, guidance and reference. The tender document can be viewed and down loaded from the P U web site www.pu.chd.ac.in

University Director of Phy.Edu.,
Panjab University, Chandigarh

Chapter 2

DIRECTORATE OF SPORTS PANJAB UNIVERSITY CHANDIGARH

EXPRESSION OF INTEREST FOR PHYSIOTHERAPY MACHINES

CHECK LIST

1.	Name of the firm/Organisation & Address and Telephone/Mobile/Fax no.(Attach Letter Head of the Firm)	_____
2.	Whether Registration Certificate regarding Manufacturing/Distributors/Supplying of Sports Uniform issued by the competent authority has been attached?	Yes/ No
3.	Whether Not Black Listed or Debarred affidavit has been attached?	Yes/ No
4.	Whether copy of Sales Tax/VAT Registration Certificate attached?	Yes/ No
5.	Income tax clearance certificate/Income tax return of last year attached.	Yes/ No
6.	Attested photocopy of PAN Card, VAT No. & CST.	Yes/ No
7.	Whether E M D amounting to Rs.25000/- only attached?.	Yes/ No

Place _____

Signature of Tenderer _____

Dated _____

Full name of the tenderer _____

Address: _____

Chapter 3

DIRECTORATE OF SPORTS, PANJAB UNIVERSITY, CHANDIGARH

EXPRESSION OF INTEREST FOR PHYSIOTHERAPY MACHINES

INSTRUCTIONS/TERMS & CONDITIONS FOR THE TENDERER

1. Only manufacturers/distributors/suppliers of General Physiotherapy Machines are eligible to participate in the tender.
2. Documents once submitted will be considered as final. Any deficiency in the documents shall render the tender liable for rejection.
3. An affidavit as per specimen enclosed as **"Annexure-A"** should accompany the tender. The tenderer who has been Black Listed or Debarred his/her tenders/supply order have ever been cancelled or any legal proceedings have ever been initiated/pending or any penalty has ever been levied on account of delay or non completion of supply order by any State/UT/Central Govt., his/her tender will be rightly rejected.
4. Technical Bid Performa for evaluation of technical performance of the Tenderer is at **"Annexure-B"**.
5. For general information; guidance and reference, the Bid document can also be viewed and downloaded from the PU website www.puchd.ac.in.
6. **The Hard copy/Physical documents of Tender should be submitted as Under:-**
 - (i) First Envelop superscribed titled as "Pre-qualification bid" should contain EMD & Non-Black-Listing affidavit i.e. **"Annexure-A"**.
 - (ii) Second envelop superscribed as **"TECHNICAL BID"** should contain the Documentary proof as per clause No.9
 - (iii) Third envelop superscribed as **"Financial Bid"** only.

These two Envelops should be sealed and put in an outer envelop to be superscribed as

"EXPRESSION OF INTEREST FOR PHYSIOTHERAPY MACHINES" due on 5.9.2013 at 3.00 p.m. Unsealed envelop will not be entertained and rejected out rightly. Infringement of this condition or any conditional expression of interest shall render the tender liable for rejection without assigning any reason.

7. Tender will be opened in two parts/stages. Firstly, Pre-qualification bid will be opened. If documents therein are as per the terms and conditions of Tender document, then only Technical Bids will be opened. Financial Bids of only those bidders will be opened who will qualify in the pre-qualification bid and technical bid. Any discrepancy in the documents will lead to rejection of the tender.
8. EARNEST MONEY DEPOSIT (EMD): EXPRESSION OF INTEREST SHOULD BE ACCOMPANIED WITH EARNEST MONEY OF Rs.25000/- only (Rupees Twenty Five Thousand only) TO BE PAID IN THE

SHAPE OF BANK DRAFT, DEMAND DRAFT, FDR, DEPOSIT-AT-CALL RECEIPT from any scheduled Bank in favour of "THE SECRETARY, PUSC, CHANDIGARH" which shall be valid for One year.

The EMD of unsuccessful tenderers will be refunded immediately after finalization of the tender. No interest will be payable on EMD. The EMD will be forfeited, if the tenderer withdraws his/her Expression of Interest after submission of the Tender. No Expression of Interest without EMD shall be considered.

9. **TECHNICAL BID:** The tendering Companies/Firms/Agencies are required to submit self attested photocopies of the following documents, failing which their bids, may summarily/out-rightly rejected and will not be considered any further:-

1.	Name of the firm/Organisation & Address and Telephone/Mobile/Fax no.(Attach Letter Head of the Firm)	_____
2.	Whether Registration Certificate regarding Manufacturing/Distributors/Supplying of Physiotherapy Machines issued by the competent authority has been attached?	Yes/ No
3.	Whether Not Black Listed or Debarred affidavit has been attached?	Yes/ No
4.	Whether copy of Sales Tax/VAT Registration Certificate attached?	Yes/ No
5.	Income tax clearance certificate/Income tax return of last year attached.	Yes/ No
6.	Attested photocopy of PAN Card, VAT No. & CST.	Yes/ No
7.	Whether E M D amounting to Rs.25000/- only attached?.	Yes/ No

10. The Financial Bid of only those bidders will be opened who qualify in the technical bid.

11. **There should be no price tag on the samples otherwise samples will be rejected straight a way.**

12. The competent authority reserves the right to accept or reject any sample/tender without assigning any reason.

13. The competent authority reserves the right to get tested the samples supplied by the tenderer. In case of any discrepancies, the penalty will be imposed as per terms & conditions of the tender document and the earnest money/security deposit will be forfeited and the supply order will be cancelled.
14. The rates quoted should be F.O.R destination within the Territorial limits of Panjab University, Chandigarh including packing, forwarding, postage, taxes/VAT, levies, Octroi, Insurance, Cartridge, Transportation, loading, unloading, freight etc. minimum Six months warranty. Rates quoted shall remain valid for **31-3-2014** from the date of submission of the Tender.
15. The acceptance of tender will have binding effect on the tenderer and he/she has to supply the tenderere items/ordered items within the period stipulated in purchase order. Subletting of contracts shall not be allowed under any circumstances.
16. The award of work order, when issued to the successful bidder, constitutes the contract with collateral support from terms & conditions of the tender invitation notices as well as formal agreement on non-judicial stamp paper, all of which finally form the contractual obligations to be adhered to/performed by the bidder and the non performance of any of such obligations make the bidder liable for consequential effects i.e. black listing etc.
17. The financial bid shall not contain corrections, erasures or over writing unless attested by the tenderer with seal.
18. The successful bidder shall have to execute an agreement with the Directorate of Sports, PU, Chandigarh on a non-judicial stamp paper of Rs.100/- (Rupees One Hundred only) and supply the material as per the requirement of the Directorate from time to time and in case they failed to do so, Directorate shall be at liberty to forfeit the security deposit, cancel the supply order and get the supplier black listed as per the policy of the Panjab University, Chandigarh.
19. **Security Deposit:** The successful tenderer will have to deposit security/bank guarantee @ 10% of the total supply order value within 7 days of issuance of letter of intent by the undersigned and the security deposited in connection with any other similar tender will not be considered against the tender. Thereafter, the purchase/supply order will be issued. If successful tenderer fails to submit requisite security deposit within prescribed 7 days, Earnest Money will be forfeited and Directorate shall execute the order on their risk & cost.
20. **Inspection of Material:** The purchase committee/technical experts of the Directorate will inspect/match the goods supplied by the tenderer in response to the purchase. The University Director of Phy.Edu.-cum-Secretary, PUSC, Chandigarh reserves the rights to reject the Physiotherapy Machines if same are not matched with the requirement.
21. **Supply of ordered material & payment:** The successful tenderers should supply the material as per the time schedule fixed by the Directorate from the date of placing the supply orders and in the event of finding the goods in order by the Purchase Committee/technical experts after inspection, the payment will be released accordingly. The competent authority reserves the right to increase or decrease the quantity of the supply order.
22. The timely delivery/dispatch as stipulated in the supply order has to be strictly adhered to by the tenderer and in case of any request for extension of time made by the said tenderer in writing, the same be considered by the competent authority subject to the payment of penalty as provided in the terms & conditions of the tender.

23. **PENALTY:** The competent authority reserves the right to impose penalties in the following exigencies:-

In case tenderer fails to complete the supply within time period, then penalty @ 0.5% per week and not more than 10% of the total value of the supply order on the value of delay portion of supply will be levied. However, competent authority may relax the penalty clause if it found the genuine reason for the delay.

24. In case, there is any variation in the specifications/samples approved vis-à-vis the supply received, then that portion of supply will be rejected and the tenderer shall be liable to supply the goods as per specification within a period of Three days along with the penalty as imposed by the competent authority.

25. In case of defected supply, the supplier will be informed to lift the said supply within 5 days from the date of issuance of said letter by the competent authority at his own cost. In the event of non lifting of said defective goods within the specified period by the tenderer, the competent authority will not be responsible in any manner for the loss or damage if any, caused to the said goods. The competent authority also reserves a right to improve any penalty as deemed fit in case the said goods are not lifted after the expiry of specified period.

26. **FORCE MAJEURE:** If the performance in whole/part by the party is prevented/delayed by any one or more of the force majeure events including but not limited to war, hostilities, civic commotion, acts of public enemy, sabotage, fire, floods and other natural causes, explosion, epidemics or non-availability of government controlled raw material under order/instruction of Central/State Govt. regulations, strikes, lockouts, agitations, embargo, act of civic or liminary authorities, the party shall not made liable for the loss of damage due to delay or failure to perform during the currency of force majeure event provided that the happening is notified in writing (with documentary proof) within 7 days from the date of occurrence. The work shall be resumed as soon as practicable after the force majeure event ceases to exist.

27. The Expression of Interest/Tender should be submitted before 5.9.2013 by 3.00 p.m.and the same will be opened by the Departmental Technical/Purchase Committee in the **office of Directorate of Sports, Panjab University, Chandigarh** in the presence of the tenderer or his/her authorized representative. In the event of the date of receipt or opening of Tender being declared a holiday, **the due date of receipt/opening of the Tender will be the next working day at the same hours.**

28. The expression of interest/Tender is non-transferable.

29. The rates will be accepted on the distinction understanding that these are not charged higher than those charged from the DGS&D rates and other State Govt. Departments as on date in the UT, Chandigarh. No price revision will be accepted by the competent authority during the currency of the Purchase Order.

30. **BLACK LISTING OF THE TENDERER:** Tenderer participating in the tender and short listed after due processing of tender can be black listed, as per the Finance Department, Chandigarh Administration Notification No.1927-F&PO(3)-2009/1170 dated 27th February, 2009 for non

fulfilling the requisite requirements of the tender documents/supply order or for concealing any information or for furnishing any false documents/statements in the tender.

31. **ARBITRATION:** In the event of any dispute or difference the same shall be referred to the sole arbitrator i.e. University Director of Phy.Edu.-cum-Secretary, PUSC, Chandigarh whose decision shall be final and binding on the parties thereto. The Arbitration & Conciliation Act, 1966, deemed to have come into force on 25.1.1996 shall apply to the said arbitration proceedings. The Expression "The University Director of Phy.Edu.-cum-Secretary, PUSC, Chandigarh" shall include an acting/officiating University Director of Phy.Edu.-cum-Secretary, PUSC, Chandigarh.

University Director of Phy.Edu.-cum
Secretary, PUSC, Chandigarh

It is certified that I have gone through all the terms & conditions of the Expression of Interest/Tender and I further undertake to abide by all terms & conditions to be announced/mentioned at the time of opening of Expression/Tender or at the time of placing of supply order.

Date:_____

Signatures of the Tenderer with seal

Time:_____

ANNEXURE-"A"

(To be furnished on non-judicial stamp paper duly attested by the 1st Class Magistrate).

AFFIDAVIT

I/We M/S _____ are registered as Manufacturer/Distributor/Supplier of _____ as per Sales Tax Registration Certificate No. _____ issue by _____ having registered office at _____ and manufacturing/supply base at _____ do hereby declare and solemnly affirm that I/We have not been Black Listed nor mine/our Tenders or Supply Orders have ever been cancelled by any State/UT/Central Govt. or any partner or shareholder either directly or indirectly connected with or has any subsisting interest in the business of my/our firm nor any legal proceedings have ever been initiated/pending or any penalty has ever been levied due to delay of non-completion of supply order by any State/UT/Central Govt. or by any authority.

Place _____

DEPONENT

Dated _____

Verification

I/We do hereby solemnly declare and affirm that the above declarations are true and correct to the best of my knowledge and beliefs. No part of it is false and nothing has been concealed therein.

Place _____

DEPONENT

Dated _____

Chapter 4
SPECIFICATIONS AND ALLIED TECHNICAL DETAILS
OF PHYSIOTHERAPY MACHINES FOR DIRECTORATE OF SPORTS

Sr. No	Name of the Item	Specifications	Quantity
1.	EXAMINATION COUCH (wooden) two fold	<p>Treatment table with storage facility & upholstered well padded top is provided with adjustable backrest which can be adjusted in height for desired position. Top is mounted on sturdily built, solid hardwood frame and legs with natural wood –polish finish.</p> <p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • TOP: 208cm x76cmx 82cm high, well padded top is divided in two sections. • Backrest: 79cm long, with a detachable foam pillow and breathing hole with plug is provided. It can be continuously adjustable in height. • Storage: One Writing board, One Drawer with small cupboard is provided underneath the top for storage. 	4 units
2.	MANUAL THERAPY PLINTH (height adjustable) threefold	<ul style="list-style-type: none"> • Electric, variable height, three section table is suitable for all treatments, including manipulation both ends elevate so that the back or legs can be raised without turning the patient. One ends also lower -20 deg. For some postural drainage & manipulation techniques and more comfortable sitting. <p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Electric operated high low treatment table • The foam padded top is 199cm long and 69cm wide • Table height is adjustable from 50cm to 90cm. 	1 unit

3.	QUADRICEPS TABLE	<p>TECHNICAL SPECIFICATIONS:</p> <p>Effective quadriceps and hamstring can be exercised without changing the position of patient. The unit consists of foam padded table and a torque unit with two lever arms, one of which holds the weight while the other provides contact with the patient. By changing the angle between the two arms, maximum or minimum resistance can be given at any point in the range. Complete with six weight plates of 1kg each.</p>	1unit
4.	COMBINATION THERAPY UNIT (ELECTROTHERAPY + ULTRASOUND + LASER)	<p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Electrotherapy (2 individual channel) <ul style="list-style-type: none"> ○ Direct current ○ Diadynamic current ○ TENS ○ IFT ○ NMES ○ Micro currents ○ HVPC • Iontophoresis programmes • Diagnostic programmes (Rheobase , Chronaxy, S-D curve etc) • Ultrasonic therapy (1 & 3 MHz) • Laser therapy (average power 13.5w, peak power 70.5mw and wavelength 905 nm) • Combination therapy (ultrasonic + TENS) <p>Simultaneous therapy</p> <ul style="list-style-type: none"> • Vacuum (2 individual channel) 	1 unit

		<p>Features:</p> <ul style="list-style-type: none"> • Medical E-book • User – friendly navigation • Evidence based therapy • More than 800 pre- programmed protocols • Large full color TFT touch screen (10.4inch, 600*800 pixels, SVGA) • Perfect viewing angle for therapist and patient • Hybrid ultrasound head with visual and acoustic contact control • 2 separate intensity regulators • USB portal for updating the protocols • Electrode placement using 3D pictures • Direct therapy keys, objectives, list of indications, selection by body area diagnostics • 500 free locations in memory (own program, favorites, diagnostics result) • Anatomical library <p>Optional Accessories</p> <ul style="list-style-type: none"> • Pen electrode with sponge • Adhesive electrode (2.5* 5cm) 2 pair • US head (1 & 3MHz, 1cm2) • Quad 400, Cluster probe laser • Rectal and vaginal electrode 	
5.	Pulsed Electromagnetic	TECHNICAL SPECIFICATIONS:	1 unit

	<p>Energy (Diapulse)</p>	<ul style="list-style-type: none"> • Frequency : 27.12MHz • 2 channels : 25 - 800 Hz • Treatment time : 0 - 60 minutes • Mains voltage : 115V, 230 -240V,50-60 Hz • Output capacity: max. 1,6 A (220V) • Electrode cable : 140cm • Peak power up to 200W. <p>Features:</p> <ul style="list-style-type: none"> • Should have high-frequency electrotherapy signal, with a maximum of no less than 90 Watts (1 channel) or 64 Watts per electrode (2 channels). • Should have thermal and a-thermal output. • Should have intelligent control system. • Should have 2 independent output channels so that 2 different locations or disorders can be treated simultaneously. • Should have more than 30 pre-programmed indications. • Should have more than 40 programmable memories. • Should be supplied with Coil-field electrodes for optimal deep-effect of 140 m dia. • Pulse width: 60-400 μs in steps of 30 μs or less. • Pulse frequency: 25 – 1215 Hz in steps of 50 Hz or less. <p>-</p> <p>Optional accessories:</p> <ul style="list-style-type: none"> • Drum electrode – 8 cm 	
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Chapter 5

FINANCIAL BID

PRICE SCHEDULE

List of Physiotherapy Machines of Directorate of Sports, PU, Chandigarh

PERFORMA FOR FINANCIAL BID (TO BE UTILIZED BY THE BIDDER FOR QUOTING THEIR RATES)

<u>Sr. No.</u>	<u>Equipment's Detail</u>	<u>Quantity Required</u>	<u>Rate/Price (To be quoted by Bidder)</u>
1.	<u>Examination Couch (Wooden) two fold</u>	<u>4 units</u>	
2.	MANUAL THERAPY PLINTH (height adjustable) threefold	1 unit	
3	QUADRICEPS TABLE	1 Unit	
4	COMBINATION THERAPY UNIT (ELECTROTHERAPY + ULTRASOUND + LASER)	1 Unit	
5	Pulsed Electromagnetic Energy (Diapulse)	1 Unit	

Note:- Rates quoted should be F.O.R. P.U.

Signature with Seal of the Firm

1. **EXAMINATION COUCH** (wooden) two fold 4 units

Treatment table with storage facility & upholstered well padded top is provided with adjustable backrest which can be adjusted in height for desired position. Top is mounted on sturdily built, solid hardwood frame and legs with natural wood –polish finish.

TECHNICAL SPECIFICATIONS:

- TOP: 208cm x76cmx 82cm high, well padded top is divided in two sections.
- Backrest: 79cm long, with a detachable foam pillow and breathing hole with plug is provided. It can be continuously adjustable in height.
- Storage: One Writing board, One Drawer with small cupboard is provided underneath the top for storage.

2. **MANUAL THERAPY PLINTH** (height adjustable) threefold 1 unit

- Electric, variable height, three section table is suitable for all treatments, including manipulation both ends elevate so that the back or legs can be raised without turning the patient. One ends also lower -20 deg. For some postural drainage & manipulation techniques and more comfortable sitting.

TECHNICAL SPECIFICATIONS:

- Electric operated high low treatment table
- The foam padded top is 199cm long and 69cm wide
- Table height is adjustable from 50cm to 90cm.

3 **QUADRICEPS TABLE** 1unit

TECHNICAL SPECIFICATIONS:

Effective quadriceps and hamstring can be exercised without changing the position of patient. The unit consists of foam padded table and a torque unit with two lever arms, one of which holds the weight while the other provides contact with the patient. By changing the angle between the two arms, maximum or minimum resistance can be given at any point in the range. Complete with six weight plates of 1kg each.

4 COMBINATION THERAPY UNIT (ELECTROTHERAPY + ULTRASOUND + LASER) 1 unit

TECHNICAL SPECIFICATIONS:

- Electrotherapy (2 individual channel)
 - Direct current
 - Diadynamic current
 - TENS
 - IFT
 - NMES
 - Micro currents
 - HVPC
- Iontophoresis programmes
- Diagnostic programmes (Rheobase , Chronaxy, S-D curve etc)
- Ultrasonic therapy (1 & 3 MHz)
- Laser therapy (average power 13.5w, peak power 70.5mw and wavelength 905 nm)
- Combination therapy (ultrasonic + TENS)
- Simultaneous therapy
- Vacuum (2 individual channel)

Features:

- Medical E-book
- User – friendly navigation
- Evidence based therapy
- More than 800 pre- programmed protocols
- Large full color TFT touch screen (10.4inch, 600*800 pixels, SVGA)
- Perfect viewing angle for therapist and patient
- Hybrid ultrasound head with visual and acoustic contact control
- 2 separate intensity regulators
- USB portal for updating the protocols
- Electrode placement using 3D pictures
- Direct therapy keys, objectives, list of indications, selection by body area diagnostics
- 500 free locations in memory (own program, favorites, diagnostics result)
- Anatomical library

Optional Accessories

- Pen electrode with sponge
- Adhesive electrode (2.5* 5cm) 2 pair
- US head (1 & 3MHz, 1cm²)

- Quad 400, Cluster probe laser
- Rectal and vaginal electrode

5 Pulsed Electromagnetic Energy (Diapulse) 1 unit

TECHNICAL SPECIFICATIONS:

- **Frequency** : 27.12MHz
- **2 channels** : 25 - 800 Hz
- **Treatment time** : 0 - 60 minutes
- **Mains voltage** : 115V, 230 -240V,50-60 Hz
- **Output capacity:** max. 1,6 A (220V)
- **Electrode cable** : 140cm
- **Peak power up to 200W.**

Features:

- Should have high-frequency electrotherapy signal, with a maximum of no less than 90 Watts
- (1 channel) or 64 Watts per electrode (2 channels).
- Should have thermal and a-thermal output.
- Should have intelligent control system.
- Should have 2 independent output channels so that 2 different locations or disorders can be treated simultaneously.
- Should have more than 30 pre-programmed indications.
- Should have more than 40 programmable memories.
- Should be supplied with Coil-field electrodes for optimal deep-effect of 140 m dia.
- Pulse width: 60-400 μ s in steps of 30 μ s or less.
- Pulse frequency: 25 – 1215 Hz in steps of 50 Hz or less.

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Optional accessories:

- Drum electrode – 8 cm