



राष्ट्रीय गतिशील दिव्यांगजन संस्थान
National Institute for Locomotor Disabilities (Divyangjan)

(दिव्यांगजन सशक्तिकरण विभाग, सामाजिक न्याय एवं अधिकारिता मंत्रालय, भारत सरकार)
Department of Empowerment of PwDs (Divyangjan), Ministry of Social Justice and Empowerment, Govt. of India
B.T. ROAD, BON-HOOGHLY, KOLKATA-700090

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ENQUIRY NO: MISC/2361/PT/2016/NIOH

Dt: 07.11.2017

Delivery required within: 30 Days after receiving the P.O.

Last date of submission of quotation: 29.10.2017

REF: INVITING OF ONLINE QUOTATIONS THROUGH WWW.EPROCURE.GOV.IN FOR THE PURCHASE
OF **PHYSIOTHERAPY EQUIPMENT for PHYSIOTHERAPY DEPT.**

Sr. No.	Name of Equipment	Quantity	Specification
1	Electrical Stimulator	5	<ul style="list-style-type: none">Digital DisplayDiagnostic Muscle Stimulation with Plain & Pulsed Galvanic and Plain & Surge faradic modePulse Duration: .01, .03, .1, .3, 1, 3, 10, 30, 100, 300 msShould have Pulse frequencyFaradic Surge rate variable from 0.8 sec to 3 sec with rest periodDigital display of output currentStandard accessories: 2 sets of Plate & Silicon Rubber Electrode, Pen Electrode, Elastic straps
2	TENS	5	<ul style="list-style-type: none">Digital Display4 Channel Independent Intensity ControlFrequency: 1 to 200 HzPulse width: 75 to 360 μsDigital display of output current with each channel treatment timeStandard accessories: 8 Silicon Rubber Electrode with 8 Cable, Elastic strapsAlarm when intensity control not at Zero.
3	IFT	5	<ul style="list-style-type: none">Digital Display with Timer 0-30 MinutesFrequency 2, 4 KHzVariable Base / Sweep frequency from 1-250 HzVariable Sweep Program such as linear, Trapezoidal & non LinearVariable Therapy Mode such as 2P, 4P, 4PVVariable Balance ControlVariable Output Digital display for Channel 1 & Channel 2Clinical Protocols & User memory.Standard accessories: 2 sets of Silicon Rubber Electrode, Elastic straps
4	Hydro collator Unit	1	<ul style="list-style-type: none">Made up of Stainless steelThermostat control setting upto 110 degree cWater outlet facilityCapacity of 8 pack

			<ul style="list-style-type: none"> • Caster mobility • Supplied with 3 set of Cervical, small, medium & large hydro collator pack
5	Infra Red Unit	5	<ul style="list-style-type: none"> • IR Bulb (Philips) of 150 W • Adjustable angle steel frame • With on/off switch • With Cable storage holder
6	UVR	2	<ul style="list-style-type: none"> • UV Bulb of 300 W • With metal Frame • Automatic cut off timer with on/off switch • Adjustable arm • Caster mobility
7	Traction Unit with Bed	2	<ul style="list-style-type: none"> • Traction force: 5-45 Kg • Hold Time adjustable from 10 sec to 80 sec • Rest Time adjustable from 10 seconds to 80 sec • Digital Timer 0-30 minutes preset able with inner time adjustable • Separate mode Treatment mode such as Static, Intermittent. • Separate indicator for Hold, Rest, treatment over • Supplied with Cervical Collars with Two Sided Hooks, Patient Safety Switch, Spreader Bar • Supply with static three section table Traction Bed Upholstery should have made up of High Density PU Foam • Supplied with Universal Size of Lumber Traction Belt & Counter Thoracic Belt, flexion stool
8	SWD	4	<ul style="list-style-type: none"> • Frequency: 27.12 MHz & Wave length: 11 meters • Timer of 0 to 30 Min. Manual • Intensity control of 0 to 500 in five steps • Continuous output with 500 Watts • Inbuilt with MCB (ON / OFF) Switch for Patient Safety • Inbuilt Volt Meter to show the filament voltage up-to 15 V • Inbuilt output Meter • Supplied with Three variable Pair of condenser pad with felt and cover • Supplied with One pair of High Density output cable • Supplied with One Pair of Disc Electrode with output cable • Castor wheels based
9	PSWD	1	<ul style="list-style-type: none"> • Working Frequency : 27.12MHz. • Should have continuous and pulsed output mode for operation. • Unit should have continuous output of minimum 400 W • Unit should have pulsed peak power of minimum 1000 W (peak power) • Unit should have pulse duration of 400 μs • Unit should have adjustable pulse frequency from 25-150 Hz in variable steps • Unit should have adjustable timer from 0-30 min with acoustic signal and automatic switch-off • Indicator lamp should briefly light up if the patient moves to indicate the tuning. • Unit should have Automatic resettable cut-out in case of overload. • Unit should be able maintain selected intensity throughout the treatment. • For safety the unit security cut-out switches should off the HF generator lamp automatically If some one switch over from

			<p>continuous to pulsed short- wave during treatment.</p> <ul style="list-style-type: none"> • The pulse intensity should reduced to a safe minimal value, If some one switch over from pulsed to continuous short- wave during treatment • Unit should have large castors with lock • Should supply with disk electrode with arms and cable • System should be CE certified with Medical Device Directive (93/42/EEC). • should meets the requirements of the international standard for the safety of medical electrical equipment IEC 60601-1 (General standard), IEC 60601-2-3 (Standard for shortwave therapy equipment)
10	MWD	1	<ul style="list-style-type: none"> • Should have LCD display • Should have built in microprocessor. • Working Frequency : 2450 MHz. • Emission : Continuous and pulsed • HF power : for continuous mode : 0 to 250W at 50 ohm • HF power : for pulse mode : 0 to 250W with a fixed peak power of 1500w • Should have programmable position to save treatment protocols. • Should have indication of energy produced every 5 seconds with audible sound • Unit should have adjustable treatment time. • Unit should allow to switch over from continuous to pulsed mode and visa versa during treatment. • Unit should be able to automatically disconnect HF power in case of disconnection of HF cable with audible sound. • Unit should be able to work on Mains Voltage of 220-240 V \pm 10% (50/60 Hz) • Accessories: HF Cable, articulated Arm, small radiator, Large Field radiator, mains cable, manual. • Should have international safety standards like CE/TUV.
11	LASER	1	<ul style="list-style-type: none"> • Should deliver the high energy density • Should have solid state laser source • Should have wave length of 808 nm • Should have the continuous and pulsed mode with output power of 1600 mW for provoking both thermal and non-thermal action. • Should have the modulation frequency of 1-20000 Hz • Should have duty cycle:10%-100% • Should have the facility of automatic calculation of Energy density and application time. • Should have library with pre-set therapeutic protocols with images. • Should have minimum 100 free memories for storing customized protocols • Should have coloured touch screen LCD display • Should have peltier cell for protecting laser source. • Should be supplied with 2 nos. Of protective goggles. • Should have International Safety standards CE/TUV/FDA. • Should works on 220V/50 Hz
12	CPM-U/L	1	<ul style="list-style-type: none"> • Digital control of elbow flexion & extension angles with angle indicator & speed control • Elbow Angle Extension-Flexion : 0-150 degrees • With electrical height adjustment

			<ul style="list-style-type: none"> • With necessary accessories for supination, pronation, wrist & elbow movement • Treatment time : 0-99 min • With patient safety switch • Operating Voltage: 220V AC
13	CPM-L/L	1	<ul style="list-style-type: none"> • Digital control of flexion & extension angles with angle indicator & speed control • Angle Extension-Flexion : 0-120 degrees • Treatment time : 0-99 min • Rest time: 1-5 sec • With patient safety switch • Standard Accessories: Leather part of Thigh, Knee & calf • Operating Voltage: 220V AC
14	Ultra Sound	5	<ul style="list-style-type: none"> • Digital display • Frequency of 1 MHz & 3 MHz • Separate applicator for 1 MHz & 3 MHz • Separate outlets for 1 MHz & 3 MHz • Pulsed ratio 1:1, 1:2, 1:4, 1:8, 1:16, • Therapy Mode: Continuous / Pulsed • Digital Meter Display Meter indicate the output power in W/cm² • Intensity Maximum power + 3W / cm² • Treatment Time 15 Minutes (1-30 Minutes adjustable)
15	Cryotherapy	1	<ul style="list-style-type: none"> • Unit should provide cold air up to -32° C. • Unit should use normal air as principle energy source, no consumable required to run machine • It should have air capacity up to 1500 l/min • It should have high rate of airflow from 350-1500l/min. • System should supply with one tube, one slotted nozzle and 5mm,10mm and 15 mm size nozzle, angled nozzle attachments. • Unit should have castors for easy mobility. • Should work on 220-240 V (100-120 V)/50/60 Hz. • Should provide valid IEC CB Test certificate. • Unit should come under Class IIa as per MDD.
16	Ice Pack	10	<ul style="list-style-type: none"> • Gel Based • 3 sets of Small, medium, large size & 1 pc of face

GENERAL INSTRUCTION AND TERMS & CONDITIONS

Cost of Tender Paper: Rs.500.00(Rupees Five hundred only) in favor of “NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED” payable at Kolkata, in the form of DD/Pay Order/Cash is to be submitted before bid opening date in below mentioned address:

**“National Institute for Locomotor Disabilities (Divyangjan), (erstwhile NIOH)
B.T.Road, Bon-Hooghly,
Kolkata-700090”.**

Kindly online submit your quotation for the above items in two parts on Central Public Procurement Portal www.eprocure.gov.in

THE FOLLOWING DOCUMENTS SHOULD BE ENCLOSED IN TECHNICAL BID:

1. Quotation should be enclosed with complete technical details and literature of the product.
2. Compliance sheet with desired and quoted specifications given in comparative table.
3. Copy of latest and valid Trade license, Income Tax, GST / Sales Tax Clearance certificate etc should be submitted along with quotation.
4. Demand Draft of Earnest Money Deposit (EMD) to the total amount of Rs. **70000/-** (Rs. **Seventy thousand**) in form of DD/Pay Order must be submitted by the suppliers/vendors in favour of “NATIONAL INSTITUTE FOR ORTHOPAEDICALLY HANDICAPPED” payable at Kolkata, before bid opening date in below mentioned address:

**“National Institute for Locomotor Disabilities(Divyangjan),
(erstwhile NIOH)
B.T.Road, Bon-Hooghly,
Kolkata-700090”.**

5. **Warranty of the items should be mentioned clearly for each item and should not be less than 01 year.**
6. **AMC FOR ITEMS EXCEPT SERIAL NO.5, 6 &16 SHOULD BE MENTIONED SEPARATELY.**

7. The bidders/tenderers shall clarify /state whether he/they are manufacturer accredited agent or sole representative indicating principals and agent quoting on behalf of their manufacturers / principals with valid documents.
8. Bidders / Tenderers should have quality assurance certifications issued by the authorized organization.
9. In case of bidders or tenderers furnish false information their tender/bids will be rejected and their security deposit / EMD will stand forfeited.

Part 2- Financial Bid

1. The price / rates for the item quoted must be valid for **06 months**.
2. Any other relevant information that the bidder may like to furnish so as to add the credibility, financial solvency, client list and past performance of the bidder.

3.SUBMISSION AND OPENING OF QUOTATION:

- (A). Telegraphic/ Cabled/ faxed/ e-mail etc, which are exposed Quotation will be summarily rejected.
- (B) The Technical bids will be opened first as per Central Govt. GFR.
- (C) The Financial bids of only the firms found technically suitable will be opened for evaluation.

4. PRICE:-

- (a).The price quoted should be F.O.R. National Institute for Locomotor Disabilities (Divyangjan), (erstwhile NIOH) B.T.Road, Bon-hooghly, Kolkata-700090 in **Indian Rupees only**.
Price quoted should never be exceed the Printed / Catalogued MRP of the product and price should be inclusive of all taxes and other charges (If any).
- (b). The price quoted should be firm and remain valid for 04 months from the finalization of tender.

5. EARNEST MONEY AND SECURITY DEPOSIT:

All quotations must be accompanied with earnest money deposit as indicated above. Quotations without EMD will be rejected. The EMD will be refunded to the unsuccessful bidders, and shall be adjusted as part of security deposit in case of successful bidder. No interest will be paid on EMD or Security Deposit.

The successful bidder will be required to deposit Bid Security @ 10% of order value including the EMD, as Security Deposit. The SD money will remain in custody of the institute till three months after expiry of warranty period or for a mutually agreed period from the date of installation / commissioning of the ordered materials.

6. RESPONSIBILITIES FOR EXECUTION OF CONTRACT:

The supplier is to be entirely responsible for the execution of the contract in all respect in accordance with the terms and conditions as specified in the acceptance of quotation and lawfully responsible for the supply at site and will replace any part or full, whatever the case may be, if found not in conformity with the specification as laid down. Non-fulfillment of contract as per terms and condition as stipulated shall cause forfeiting of EMD/Security deposit.

7. DELIVERY SCHEDULE:

Delivery should be free at site. If the supplier fails to deliver the stores or any part thereof within the stipulated date of delivery, the competent authority of the Institute (NILD) will be entitled at their discretion to either:

- (a). purchase the store from elsewhere, at the cost and risk of the supplier or
- (b) **Recover from the supplier liquidated damages liability @ 0. 5% per week of the order value.**

8. REMOVAL OR REJECTION:

Any stores rejected by our quality control officer/expert must be removed by the supplier and replacement made within two weeks from the date of receipt of such intimation at his risk and cost.

9. CREDIBILITY OF FIRM/SUPPLIER:

All the bidders are required to submit "Letter of Authorization from the Manufacturer verifying them as their authorized agent in India" **The bidder should have its office/representative/service provider within a reasonable distance from the institute in Kolkata and have sales/ service installations in Kolkata** preferably

10. BILLING & TERMS OF PAYMENT:

Bills in Triplicate along with the Original receipted challan must be submitted to the Director, NILD, B.T.Road, Bon-hooghly, Kolkata-700090, duly pre-receipted by affixing revenue stamp and official seal. Admissible payment will be made after final commissioning/installation and satisfactory installation certificate.

11. SETTLEMENT OF DISPUTES:

All disputes or differences of any kind whatsoever arising out of or in connection with execution of this contract, whether during the progress of the supply or after their completion, shall be referred by the supplier to the Director of the Institute and the competent authority of the institute shall within reasonable time shall examine the case on its merit and on basis of any representation made in this context and notify decisions thereon in writing. The decision of the Director of the Institute shall be binding upon the supplier. If the supplier is not satisfied with the decision of the competent authority of the Institute, on any matters in question, dispute/difference to be arbitrated upon shall be the jurisdiction of the High Court at Kolkata.

The High Court of Kolkata will only be the jurisdiction to deal with and decide on any dispute whatsoever arising out of this tender.

The Director of the National Institute for Locomotor Disabilities (Divyangjan), reserves the right to reject any or all the tenders without assigning any reasons or giving any explanation thereof. No claim for damages will be entertained in this regard.

In addition to above, all others terms & conditions will also be binding as applicable in Govt. of India Purchase Rule.

The above conditions are stipulated without any prejudice.

DIRECTOR, NILD

CHECKLIST OF SUBMITTING DOCUMENTS - (TO BE FILLED BY THE TENDERER)

SL. NO:	DOCUMENTS	PLEASE MARK "✓" IF DOCUMENT SUBMITTED*
1	Tender document, downloaded from the web site Web: www.niohkol.nic.in and duly filled up & submitted valid tender.	
2	Scan copy of EMD and Tender cost in form of DD/ Pay order should be drawn in favour of " NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED" payable at Kolkata must be submitted along with quotation. The original copies of EMD and Tender cost in form of DD/ Pay order must be submitted to the Purchase Section/Main store before the last date of the tender	
3	Warranty of the items.	
4	Validity of the quotation should not be less than 06 months.	
5	Signed photo copy of latest and valid Trade license, Income Tax, GST / Pan card/ Sales Tax Clearance certificate / Partnership Deed (in case of Partnership firm must be submitted with the Quotation documents.	
6	Valid documents stating that bidder/ tenderer is/are manufacturer accredited agent or sole representative indicating principals and agent quoting on behalf of their manufacturers / principals with valid documents.	
7	Quality assurance certifications issued by the authorized organization.	
8	Delivery period:-	
9	Brand of the product:-	
10	The rate for AMC of the above said machines (Except serial nos. 5, 6, &16)should be mentioned clearly-	
11	Details of service centre:-	
12	Any other documents submitting by the Tenderer, to be mentioned here:	

***Mention "Not Applicable" if the document is irrelevant.**