



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**

**बी.टी. रोड, बनहुगली, कोलकाता-700090**

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ENQUIRYNO: WORK SIM/2123/OT/2014/ NIOH  
Delivery required within: 45 Days after receiving the P.O.

Dt: 06.12.2016

REF: INVITING OF ONLINE QUOTATIONS THROUGH WWW.EPROCURE.GOV.IN FOR THE PURCHASE OF EQUIPMENTS FOR OCCUPATIONAL THERAPY DEPT.

SL.NO.	NAME OF THE ITEMS	SPECIFICATION	QTY
01	WORK SIMULATOR	<b>MACHINE SPECIFICATION:-</b>	01
		Maximum dynamic resistance(omcj-lbs/ft-lbs)- 700/800	
		Maximum isometric resistance-700/800	
		Minimum resistance (isometric & dynamic)-one inch-lb	
		Max.lifting capability (isometric & dynamic)- 100lbs/150lbs	
		Exercise/ evaluation modes: Isometric and Isotonic-	
		Color printer-Yes	
		Complete computer system-	
		<b>TREATMENT CAPABILITIES:-</b>	
		Upper extremity	
		Hand therapy	
		Work hardening/ conditioning	
		Cardiac/Pulmonary conditioning	
		CVA/Neuro rehabilitation	
		Consistency of effort testing: a) Peak strength b) Isometric line graph c) Max. Voluntary effort d) Position bell curve	
		Comparison protocols for comparison of strength, endurance maximum lift	
		Set unequal resistances in opposing directions	
		Repetitive lift protocol	
		CPM for early passive motion	
		CPM W/target force for Neuromuscular Re-education	
		Cable system for 3D movement	
		FCE template/note writer	
		<b>MACHINE FUNCTIONAL ABILITY</b>	
		Simple tool attachment and lock	
		User modifiable attachments	
		Can use standard mechanics for efficiency	

		Saves daily treatment program for <b>20-25</b> exercises or more.	
		Independent patient usage	
		Calibration kit for user verification and adjusting	
		Automatic progress graphs	
		Color Printouts	
		Automatic evaluation reports	
		Ability to change force during an exercise	
		Separate testing and treatment sections in the software	
		Customized labeling option for each exercise	
		Database for patient information storage	
		Immediate patient progress feedback in daily treatment	
		Grip attachment	
		Three dimensional movement patterns	
		Positioning chair/bench	
		Free software updates	
		Integrated 3-D anatomy software	
02	WHOLE BODY VIBRATOR	<b>Unit should have following features /specification</b>	01
		Type of vibration- Vertical	
		Vibration levels- 2 and 4mm	
		Frequency- 10-90Hz (Adjustable)	
		Motors: At least 2 Motors	
		Vibrating plate size: 60 x 90 cm	
		Max user weight: 130kg-150 Kg	
		Weight Kg. 160kg-170kg	
		Touch screen LCD with display.	
03	EMG BIO-FEEDBACK SYSTEM	<b>Unit should have following features /specification</b>	01
		Dual Channel Digital combined EMG and 4 channel NMS Unit	
		Threshold control: both manual and automatic	
		Accurate Range: 0.2 $\mu$ V to 2000 $\mu$ V	
		Sensitivity: 0.1 $\mu$ V RMS	
		LCD displaying EMG reading, work/rest countdown and graph	
		Selectable band pass filter to filter out heart rate	
		Minimum 4 Built in continence STIM programmes for ease of use	
		At least 5 fully Customizable constant mode programmes (up to 5 programmable segments)	
		Work / Rest periods: 5seconds to 100 seconds	
		Number of trials: 1 to 90	
		Constant Current (extends battery life)	
		Range: Rate: 2 Hz - 100 Hz, Pulse Width: 48 $\mu$ S to 430 $\mu$ S	
		Ramp 0.1 to 9.9 seconds	
		Lock mode function for recording time, statistics and units parameters	
		Automatic switch off if unit is not in use	

## GENERAL INSTRUCTION AND TERMS & CONDITIONS

**Cost of Tender Paper:** Rs.1000.00(Rupees one thousand only) in favour 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 bellow 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](http://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. **Warranty should not be less than 03 years. The warranty of the items will be started from the date of successfully installation of the items.**
4. Copy of latest and valid Trade license, Income Tax, VAT / Sales Tax Clearance certificate etc. should be submitted along with quotation.
5. Demand Draft of **Rs.125000/- (one lakh twenty five thousands only)** as Earnest Money Deposit (EMD) in form of DD/Pay Order must be submitted in favour “NATIONAL INSTITUTE FOR THE ORTHOPAEDICALLY HANDICAPPED” payable at Kolkata, is to be submitted before bid opening date in bellow mentioned address:

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

**NOTE:- 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.**

6. 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.
7. Bidders / Tenderers should have quality assurance certifications issued by the authorized organization.
8. A proof of ownership/ partnership etc. shall be submitted along with address, telephone & fax no.
9. In case of bidders or tenderers furnish false information their tender/bids will be rejected and their security deposit / EMD will stand forfeited.
10. Proof of appointment by principal / manufacturer appointing the firm in India to carry out business in India - original letter to be furnished.
11. **Training of the staffs is to be provided by supplier their own expenditure after successfully installation of the equipments whenever required.**
12. **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**

## **Part 2- Financial Bid**

1. The price / rates for the item quoted must be valid for **06 months**.
2. **All additional charges must be included in the bid with breaking separately.**
3. 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.

### **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.

### **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 exceed Printed / Catalogued MRP of the product inclusive of all taxes.**  
(b). The price quoted should be firm and remain valid for at least 06 months from the date of tender.

### **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.

### **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.

### **DELIVERY SCHEDULE:**

If the supplier fail to deliver the stores or any part thereof within the stipulated date of delivery, the competent authority of the Institute (NIOH) 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.

### **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.

**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.**

**ANNUAL/COMPREHENSIVE MAINTENANCE CONTRACT:**

The rate for AMC/CMC of the said machines should be mentioned clearly & submitted separately.

- Rate quoted for AMC/CMC will be effective after the warranty/ guarantee period over.
- The supplier must sign a legal contract on non-judicial stamp paper(Rs.100/-) with competent financial authority of NIOH, confirming the terms and conditions of AMC/CMC.
- In case of CMC, no customs duty for import of spare parts will be paid by this institute.

**BILLING & TERMS OF PAYMENT:**

Bills in Triplicate along with the Original receipted challan must be submitted to the Director, NIOH, 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.

**SETTELEMENT 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(O)**

## Annexure I

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

SL. NO:	DOCUMENTS	PLEASE MARK “√” IF DOCUMENT SUBMITTED*
1	Duly filled up & submitted valid tender (downloaded from the web site Web: <a href="http://www.niohkol.nic.in">www.niohkol.nic.in</a> )	
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)	
3	Warranty of the items (should not be less than 3 years)	
4	Validity of the quotation (should not be less than 06 months)	
5	Signed photo copy of latest and valid (Trade license, Income Tax, VAT / 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/CMC of the said machines (should be mentioned clearly & submitted separately)	
11	Details of service centre	
12	<b>Any other documents submitting by the Tenderer, to be mentioned here:</b>	

\*Mention “Not Applicable” if the document is irrelevant.