



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2023/B/3695

Dated/दिनांक : 14-07-

**Bid Document/ बिड दस्तावेज़**

<b>Bid Details/बिड विवरण</b>	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	25-07-2023 15:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	25-07-2023 15:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	120 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Social Justice And Empowerment
<b>Department Name/विभाग का नाम</b>	Department Of Empowerment Of Persons With Disabilities
<b>Organisation Name/संगठन का नाम</b>	Swami Vivekanand National Institute Of Rehabilitation Training And Research (svnirtar) Olatpur Odisha
<b>Office Name/कार्यालय का नाम</b>	Cuttack
<b>Total Quantity/कुल मात्रा</b>	7
<b>Item Category/मद केटेगरी</b>	EMG Biofeedback without CMC , EMG Biofeedback with CMC Laser without CMC , Laser with CMC , Set of research kit , Algometer , Electrical Push Pull Dynamometer
<b>BOQ Title/बीओक्यू शीर्षक</b>	PHYSIOTHERAPY EQUIPMENT BID
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)</b>	10 Lakh (s)
<b>Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष</b>	2 Year (s)
<b>MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट</b>	No
<b>Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट</b>	No
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Bidder Turnover,OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance with BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by buyer
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	Yes
<b>RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid

**Bid Details/बिड विवरण**

<b>Primary product category</b>	Laser without CMC
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	2 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Item wise evaluation/

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	10000
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	10000
Schedule 3 EMD Amount/ईएमडी राशि (In INR)	25000
Schedule 4 EMD Amount/ईएमडी राशि (In INR)	25000
Schedule 5 EMD Amount/ईएमडी राशि (In INR)	4000
Schedule 6 EMD Amount/ईएमडी राशि (In INR)	2500
Schedule 7 EMD Amount/ईएमडी राशि (In INR)	3000

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	26

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं व विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

(c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत

जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

DIRECTOR

CUTTACK, Department of Empowerment of Persons with Disabilities, Swami Vivekanand National Institute of Rehabilitation Training and Research (SVNIRTAR) Olatpur Odisha, Ministry of Social Justice and Empowerment (Director)

**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or their reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises in respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

5. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which will be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

6. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

#### Evaluation Method ( Item Wise Evaluation Method )

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Emg Biofeedback Without Cmc	1
Schedule 2	Emg Biofeedback With Cmc	1
Schedule 3	Laser Without Cmc	1
Schedule 4	Laser With Cmc	1
Schedule 5	Set Of Research Kit	1
Schedule 6	Algometer	1
Schedule 7	Electrical Push Pull Dynamometer	1

#### EMG Biofeedback Without CMC

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

#### Technical Specifications/तकनीकी विशिष्टियाँ

<b>Specification Document</b>	<a href="#">View File</a>
<b>BOQ Detail Document</b>	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र.सं	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी दिन
1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**EMG Biofeedback With CMC**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**Laser Without CMC**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**Laser With CMC**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र.सं	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी दिन
1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**Set Of Research Kit**

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

Specification Document	<a href="#">View File</a>
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**BOQ Detail Document**[View File](#)

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**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

S.No./क्र.सं	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी दिन
1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**Algometer**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

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1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

**Electrical Push Pull Dynamometer**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier**

respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

#### Technical Specifications/तकनीकी विशिष्टियाँ

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#### Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

<b>S.No./क्र.सं.</b>	<b>Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी दिन</b>
1	Prasanta Rout	754010,At-Olatpur, Po-Bairoi, Dist-Cuttack, Pin-754010, Odisha	1	45

#### Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

##### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contract rates. Bidders are bound to accept the orders accordingly.

##### 2. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Director, SVNIRTAR  
payable at  
Olatpur, Bairoi, Cuttack, Odisha

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to Buyer within 5 days of Bid End date / Bid Opening date.

##### 3. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Director, SVNIRTAR  
payable at  
Olatpur, Bairoi, Cuttack, Odisha



. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

4. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**SWAMI VIVEKANAND NATIONAL INSTITUTE OF REHABILITATION TRAINING AND RESEARCH**

(Ministry of Social Justice & Empowerment, Govt. of India)

Department of Empowerment of Persons with Disabilities,(Divyangjan)

OLATPUR, P.O: BAIROI, DIST: CUTTACK (ODISHA) Pin: 754010.

Tel. No: 0671-2805552, 2805 778, FAX: 0671 2805862.

Website: [www.svnirtar.nic.in](http://www.svnirtar.nic.in), E-mail: dir.nirtar@nic.in & svnirtar@gmail.c

Ref-AD-5/BOQ/Equipment/DPT//22-23

Date-12.07.2023

**GEM BOQ BID DOCUMENT FOR DPT EQUIPMENT**

**GENERAL INSTRUCTIONS AND TERMS & CONDITIONS OF TENDER DOCUMENT**

1. Bidders can participate in GEM BOQ Bid in GEM site those are registered seller on GEM.
2. All rules & regulations of bid are as per default conditions and procedure of GEM.
3. **Details of documents to be furnished.**

A.

SI	Name of documents
1	GST Certificate
2	Pan Card
3	Aadhar card
4	Last quarter/month GST 3B receipt.

5	IT return for 22-23
6	Bidder turnover certificate mentioning UDIN Number of CA.
7	Experience certificate in GEM.
8	MSME certificate if any & MII certificate (mandatory).
9	Leaflet/brochure of equipment.
10	Bank details.

**B. Scan copy of technical bid details in the following format**

Sl. No.	Information required	Information to be provided by the bidder
1	Name of the firm/ organization	<b>A.</b>
2	Whether the organization is proprietorship/ partnership/ Pvt. Ltd./ Ltd. Company	
3	Local/present Address, Mob. No. & What's up No. and E-mail. Of the proprietor and firm.	
4	If the head office other than in (3) above, then give the address for the same	
5	Name of the contact person and his contact no.	

**Provide a compliance statement filled up in the prescribed format failing which their offer shall be treated as incomplete and are liable to be rejected.**

**FORMAT OF COMPLIANCE STATEMENT**

Name of Items	Required Specification	Whether complied to the required specification YES/NO	If yes, write name brand/company & equipment to be supplied
EMG Biofeedback (Training and Assessment)	As mentioned in the document		
LASER	-do-		
Set of research kit (Force gauge, Pressure gauge, Electrogoniometer)	-do-		
Algometer	-do-		
Electrical Push-Pull Dynamometer	-do-		

### **DECLARATION FORM**

I/we ..... having my/our office at ..... do hereby declare that I/we have carefully read all the terms & conditions of GEM BOQ BID of SVNIRTAR, Olatpur, Bairoi, Dist-Cuttack, Odisha-754010 for..... abide by all terms and conditions set forth in the tender paper and GEM for the period of agreement.

### **Terms & Conditions**

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**Ø As per default terms & condition of GEM.**

- Ø Materials will be delivered and installed at SVNIRTAR during working hours and on working days only. If change in location is changed, it will be informed by mail or clarification/ATC in the bid.
- Ø If any items are not accepted, it may be replaced within seven days otherwise it will be rejected.
- Ø If the price of any items or total amount of order is more than our estimate value, excess amount items will be rejected, or total bid may be cancelled.
- Ø Work will be treated as ok if it is accepted by the indenting department/Engineer.
- Ø Installation/demonstration/training is the responsibility of supplier. No extra cost will be paid for it.
- Ø Warranty certificates must be submitted along with materials.
- Ø Supplier must attend the call for maintenance of any defect of equipment/materials within warranty period for three years.
- Ø Defect of equipment/materials must be replaced/repared within seven days and equipment's must be of the same or better quality.
- Ø Leaflet/brochure of equipment to be supplied by bidder must be submitted.

Ø CMC for equipment is required for a minimum of 5 years after warranty period. CMC amount ed along with equipment value will be paid after satisfactory completion of CMC on a yearly is. All bidders must be quoted with and without CMC of equipment.

After installation, an agreement will be made by bidder for CMC. L1 eligible bidder of any e ment will be given order for supply and installation of equipment at SVNIRTAR, and he will be given CMC as per quoted rate after agreement. (CMC amount is Bid value with CMC minu value without CMC)

Payment of CMC will be made on yearly basis after satisfactorily completion and su sion of manual bill duly certifying from the user wing. For CMC, a minimum of two visit of p s mandatory in each quarter and further on calling as and when required or breakage of eq ent. All required spare parts & consumables will be provided by the CMC party. Authority n hange or add the T&C and can cancel the CMC if required.

S/d-

DIRECTOR

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### Detail specifications of equipment's

SL NO.	NAME OF THE EQUIPMENT	SPECIFICATIONS	QUANT TY
		<ul style="list-style-type: none"> <li>· The EMG system should be supplied with minimum 4 nos. of wireless EMG biofeedback sensors with onboard IMU.</li> <li>· Standard test - F Wave, Surface EMG, H Reflex, NCS.</li> <li>· Passive and Active phases: EMG and NMS in one program</li> <li>· Manual and Automatic threshold control</li> <li>· Sensors should come with magnetic switch.</li> <li>· EMG sensors range should be selectable up to 22 mV.</li> <li>· EMG Sampling Frequency should be selectable up to 4370 Hz.</li> <li>· The sensor should have fixed 10 mm of inter electrode spac e.</li> <li>· Sensor contacts should be made up of silver for better cont act and better-quality signal.</li> <li>· Sensors should have on board RMS calculations.</li> <li>· Sensor should be able to record 3 axes Accelerometer (sele ctable range up to +/- 16g with sampling rate of up to 963Hz ) and 3 axes Gyroscope (selectable range up to +/- 2000 dps</li> </ul>	

<p>1.</p>	<p>EMG Biofeedback (Training and Assessment)</p>	<p>with sampling rate of up to 741 Hz) and transfer data wirelessly.</p> <ul style="list-style-type: none"> <li>· Ability to acquire the EMG and IMU data simultaneously without any intersensory delay and there should be no delay between sensor and receiver.</li> <li>· Selectable EMG bandwidth of 20-450 Hz, 10-850 Hz</li> <li>· Sensor should be able to communicate with system via 2.4-2.83 GHz RF transmission and with tablets via Bluetooth BLE 4.2</li> <li>· Wireless Acquisition Range should be 40 meters.</li> <li>· Sensor can be utilized for data collection around 6-8 hours in a single charge.</li> <li>· Sensor should be made from Medical-grade polycarbonate and should be environmental sealed.</li> <li>· The system should be supplied with software for standalone operations.</li> <li>· Should automatically recognize the sensor status for charging, Acquisition, and signal strength for the sensor.</li> <li>· The real-time visualization of the acquired signals both on computer and tablet for biofeedback and monitoring applications.</li> <li>· Software should have various analytical metrics, data acquisition, display, and analysis.</li> <li>· Should be upgradable to integrate with other 3rd party device via analog or digital integration or through SDK or API.</li> <li>· Multiple-user software license for lifetime validity.</li> <li>· Software should be able to detect signal quality, signal to noise ratio, line interference, audio feedback features.</li> <li>· The system should be supplied with a charger station that is portable and can be used to charge and store the sensors.</li> <li>· The system should be able to integrate FSR Sensor, Load Cell Adapter, Goniometer Adapter, EKG Sensor, Analog Adapter.</li> <li>· System should be upgradable to support isokinetic, Force Plate, Motion Capture.</li> <li>· Sensor should be suitable for static and dynamic activities of human body.</li> <li>· System should be supplied with android Tablet for Data Collection and for Real-time visualization of muscles, Muscle Maps, Real-time Signal quality check, Biofeedback Plots, Easy Kinematic Data Display, Export and Share Tool.</li> <li>· Real-time Biofeedback Displays</li> <li>· Targeted EMG+ Movement Assessment Reports</li> <li>· System should have expansion capabilities of using up to 32 sensors after up gradation.</li> </ul> <p><b>Warranty &amp; Services:</b></p> <ul style="list-style-type: none"> <li>· Should come with a warranty period minimum of 3 years, extendable warranty preferred.</li> <li>· After sale and service minimum of 10 years.</li> </ul>	<p>1</p>
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2.	LASER	<ul style="list-style-type: none"> <li>· Laser diode (Wavelength): 810 nm, 980 nm, 1064 nm</li> <li>· Maximum power: 25 watts</li> <li>· Operation mode: Continuous Wave, Single or Repeat Pulse</li> <li>· Pulse duration: 0.1s - 5s</li> <li>· Repetition rate: 0.2Hz - 10KHz</li> <li>· Class IV LASER for acute, sub-acute &amp; chronic conditions.</li> <li>· Touch screen: 10-12 inches color, resolution 600*1024</li> <li>· Flexible fibre optic light weight LASER applicator with manual switch.</li> <li>· Automatic assistance mode to calculate the dosage.</li> <li>· Skin temperature measurement sensor.</li> <li>· Spacers for small, medium, large area.</li> <li>· USB stick to import or export data.</li> </ul> <p><b>Warranty &amp; Services:</b></p> <ul style="list-style-type: none"> <li>· Should come with a warranty period minimum of 3 years, extendable warranty preferred.</li> <li>· After sale and service minimum of 10 years.</li> </ul>	1
3.	Set of research kit (Force gauge, Pressure gauge, Electro goniometer)	<ol style="list-style-type: none"> <li>1. Force gauge: <ul style="list-style-type: none"> <li>· Type: Digital</li> <li>· Range: 5N - 500N</li> <li>· Accuracy: +/-0.3% F. S</li> <li>· Resolution: 1/100 *2</li> </ul> </li> <li>2. Pressure gauge: <ul style="list-style-type: none"> <li>· Type: Digital</li> <li>· Range: 0 - 5 to 0 - 600 bar</li> <li>· Accuracy 0.5 % ± 1 digit</li> <li>· Battery operation: 2 x 1.5 V AA cell</li> <li>· Option: Rotatable instrument head, backlighting</li> </ul> </li> <li>3. Digital Goniometer</li> </ol>	1
4.	Algometer	<ul style="list-style-type: none"> <li>· Digital type</li> <li>· Measures up to 25 lb of pressure.</li> <li>· The variety of pressure tip sizes enable different testing applications.</li> <li>· Replaceable rubber tips in case of damage or loss.</li> <li>· Can be used for Algometry and/or Finger strength testing</li> </ul>	1

5.	Electrical Push-Pull Dynamometer	<ul style="list-style-type: none"> <li>· The unit four measurement ranges and comes complete with 3 push pads, 1 pull hook, 1 snap hook and a padded carrying case.</li> <li>· Handles and accessories are interchangeable with the hydraulic push-pull dynamometer.</li> <li>· Can be used with lift platform to conduct muscle strength and functional capacity tests.</li> <li>· Compatible with Baseline single and dual grip testing handle.</li> <li>· Resultant force displayed in pounds, kilograms, or Newtons.</li> <li>· Comes in protective carrying case.</li> </ul>	1
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**Excel sheet for financial bid. (Individual valuation)**

<b>SL</b>	<b>NAME OF THE EQUIPMENT</b>	<b>SPECIFICATIONS</b>	<b>QUANTITY</b>
1	EMG Biofeedback without CMC	As mentioned in the document	1
2	EMG Biofeedback with CMC	As mentioned in the document	1
3	Laser without CMC	As mentioned in the document	1
4	Laser with CMC	As mentioned in the document	1
5	Set of research kit	As mentioned in the document	1
6	Algometer	As mentioned in the document	1
7	Electrical Push-Pull Dynamometer	As mentioned in the document	1

N.B: EMD is mandatory for all bidders except OEM of the equipment.

## **Disclaimer/अस्वीकरण**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category being bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this they can raise their representation against the same by using the Representation window provided in the bid details in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which share border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने का अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

**---Thank You/धन्यवाद---**