



## Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited**  
**Swasthya Sathi**  
**GN-29, Salt Lake, Sector-V**  
**Kolkata-700091**

Phone No (033) 40340308/320  
E mail: [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in)

**Supply and Commissioning of Medical equipments for setting up of Sports Medicine unit at Govt. Medical College & Hospital of the Govt. of West Bengal**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-383/2021**

**Dated-25.11.2021**

1. West Bengal Medical Services Corporation Limited (WBMSCL) has been requested by the Government of West Bengal to procure on their behalf **Supply and Commissioning of Medical equipments for setting up of Sports Medicine unit to be supplied to Govt. Medical College & Hospital** of the Govt. of West Bengal.
2. WBMSCL hereby invites bids from eligible and qualified Tenderers for the supply of **Supply and Commissioning of Medical equipments for setting up of Sports Medicine unit** as per Schedule of Requirement.
3. Intending Tenderer may download the tender document from the e-tender portal of Govt. of West Bengal at [wbtenders.gov.in](http://wbtenders.gov.in) and the website of WBMSCL at [www.wbmsc.gov.in](http://www.wbmsc.gov.in). The submission of bids should only be through online at [wbtenders.gov.in](http://wbtenders.gov.in). Earnest money is to be submitted online only.
4. Non statutory documents, Bid – A, Bid – B & Bid – C are to be submitted concurrently.

Sd/-  
Managing Director,

## Table for Important Dates

Sl.	Items	Date(s)
1.	Date of uploading of N.I.T. Documents (online) / Date of Issue / Published on	26.11.2021
2.	Documents download start date (Online)	26.11.2021
3.	Date of <b>Pre Bid Meeting</b> with the intending Tenderers in the Conference Hall of <b>West Bengal Medical Services Corporation Limited</b>	01.12.2021 at 12:30 PM
4.	Bid submission start date (On line)	08.12.2021
5.	<p><b>Bid submission closing (On line)</b>  Bid submission includes:  i) Non statutory documents to be submitted under <u>My Space</u> (Each sub-category item should be in multiple page single PDF file)  ii) BID – A (Should be in multiple page single PDF file)  iii) BID – B (Should be in multiple page single PDF file)  iv) BID – C (BOQ and price of consumables &amp; spares etc.)</p> <p><b>Detailed list of documents annexed at Section V Check-List Form</b></p> <p>Non-statutory document (document uploaded in <u>My Space</u>), Bid – A &amp; Bid – B constitute the technical bid and Bid – C is the financial bid.</p> <p><i>Any wrong or misleading information provided by the Tenderer during submission of bids shall lead to summary cancellation of bid and may lead to blacklisting in WBMSCL for at least 5 years.</i></p> <p><b>Each scanned documents should have an index page indicating the name of the documents enclosed with page number.</b></p>	21.12.2021 up to 05:00PM
6.	<p>Last date of submission of:</p> <p style="padding-left: 20px;">i) Earnest Money Deposit (Copy of receipt of online submission of EMD)</p> <p style="padding-left: 20px;">ii) Hard copies of the documents uploaded in e-tender during bid submission. <b>No BOQ to be submitted in hard copy.</b></p> <p>N.B.:</p> <p style="padding-left: 20px;">1) All the above documents are to be submitted at the registered office of WBMSCL.</p> <p><b>It is essential that all documents in hard copy are to be placed before the Committee and arranged in the same sequence as given in the Check List. All the documents should be appropriately flagged.</b></p>	23.12.2021 up to 05:00 PM
7.	Bid opening date for Technical Proposals ( <b>Online</b> ) (Bid A & B)	23.12.2021 after 05:00 PM
8.	Bidders to remain present at WBMSCL office, Kolkata for identification of the documents for the technical bid evaluation	To be notified later
10.	Functional demonstration of the equipment	To be notified later
9.	Submission of non-statutory wanting document (if any)	To be notified later
10.	Opening of Financial Bid ( <b>Online</b> )	To be notified later

## The detail of the prebid schedule is noted below;

SI	Item	Department	Date	Time	Mode of participation	
					Venue for Experts	Online link for participating Bidders
1	USG Machine with musculoskeletal probes	Radiology	01.12.2021 (Wednesday)	11:30 AM to 12:30 PM	Board Room, 2 <sup>nd</sup> Floor, Swasthya Sathi Building	<a href="https://meet.google.com/dij-pjug-xzv">https://meet.google.com/dij-pjug-xzv</a>
2	Extremity MRI Machine	Radiology				
3	Complete cardiopulmonary stress testing in metabolic cart	Physiology	01.12.2021 (Wednesday)	1 PM to 2 PM		<a href="https://meet.google.com/idm-uixa-ouj">https://meet.google.com/idm-uixa-ouj</a>
4	Finometer	Physiology				
5	Whole Body Reaction time	Physiology				
6	Exercise physiology Measurement & Analysis system	Physiology				
7	Isokinetic system with sports specific attachment	Physical Medicine & Rehabilitation	01.12.2021 (Wednesday)	2:30 PM to 4 PM	<a href="https://meet.google.com/eth-kyvd-tjr">https://meet.google.com/eth-kyvd-tjr</a>	
8	Bodyweight supported treadmill	Physical Medicine & Rehabilitation				
9	Balance Analyser	Physical Medicine & Rehabilitation				
10	Sens Balance Mini Board	Physical Medicine & Rehabilitation				
11	Foot pressure distribution measurement system	Physical Medicine & Rehabilitation				
12	Speed, Jump and Turn Analyser Machine	Physical Medicine & Rehabilitation				
13	Bicycle Ergometer with CPET measurement	Physical Medicine & Rehabilitation				
14	EMG & Pressure Biofeedback with stimulation	Physical Medicine & Rehabilitation				

# Section I: Instructions to Tenderers

## A. Important information at a glance

(The item suffixed by "E" in bracket indicates Eligibility Criteria for a bidder)

### 1. Tender Schedule Details

Schedule	ITEM	QTY	Warranty
I	Isokinetic system with sports specific attachment	1	2 Years
II	Bodyweight supported treadmill	1	2 Years
III	Balance Analyser	1	2 Years
IV	Sens Balance Mini Board	1	2 Years
V	Complete cardiopulmonary stress testing in metabolic cart	1	2 Years
VI	Finometer	1	2 Years
VII	Whole Body Reaction time	1	2 Years
VIII	Foot pressure distribution measurement system	1	2 Years
IX	Speed, Jump and Turn Analyser Machine	1	2 Years
X	Bicycle Ergometer with CPET measurement	1	2 Years
XI	Exercise physiology Measurement & Analysis system	1	2 Years
XII	EMG & Pressure Biofeedback with stimulation	1	2 Years
XIII	USG Machine with musculo skeletal probes	2	2 Years
XIV	Extremity MRI Machine	1	2 Years

### 2. Tender Fees : Exempted

### 3. Earnest Money Deposit (EMD) (E)

Schedule	ITEM	AMOUNT IN INR	INSTRUMENT
I	Isokinetic system with sports specific attachment	75 Thousand	(Online)
II	Bodyweight supported treadmill		
III	Balance Analyser		
IV	Sens Balance Mini Board		
V	Complete cardiopulmonary stress testing in metabolic cart		
VI	Finometer		
VII	Whole Body Reaction time		
VIII	Foot pressure distribution measurement system		
IX	Speed, Jump and Turn Analyser Machine		

X	Bicycle Ergometer with CPET measurement		
XI	Exercise physiology Measurement & Analysis system		
XII	EMG & Pressure Biofeedback with stimulation		
XIII	USG Machine with musculo skeletal probes		
XIV	Extremity MRI Machine		

4. Annual Turnover requirements: (E)

The Tenderers should have annual sales turnover (i.e. total turnover of the company) of minimum on an average of last three financial years (2014-15, 2015-16, 2016-17 or 2015-16, 2016-17, 2017-18) as per the Audited Accounts of the Organization as mentioned in the table below:

Schedule	ITEM	Annual Turnover in Crore Rs.
I	Isokinetic system with sports specific attachment	2.0
II	Bodyweight supported treadmill	
III	Balance Analyser	
IV	Sens Balance Mini Board	
V	Complete cardiopulmonary stress testing in metabolic cart	
VI	Finometer	
VII	Whole Body Reaction time	
VIII	Foot pressure distribution measurement system	
IX	Speed, Jump and Turn Analyser Machine	
X	Bicycle Ergometer with CPET measurement	
XI	Exercise physiology Measurement & Analysis system	
XII	EMG & Pressure Biofeedback with stimulation	
XIII	USG Machine with musculo skeletal probes	
XIV	Extremity MRI Machine	

5. (a) Time for Supplies & Commissioning of work from the date of issuance of Award of Contract

Schedule	ITEM	Time
I	Isokinetic system with sports specific attachment	30 Days
II	Bodyweight supported treadmill	30 Days
III	Balance Analyser	30 Days
IV	Sens Balance Mini Board	30 Days
V	Complete cardiopulmonary stress testing in metabolic cart	30 Days
VI	Finometer	30 Days
VII	Whole Body Reaction time	30 Days
VIII	Foot pressure distribution measurement system	30 Days
IX	Speed, Jump and Turn Analyser Machine	30 Days
X	Bicycle Ergometer with CPET measurement	30 Days

XI	Exercise physiology Measurement & Analysis system	30 Days
XII	EMG & Pressure Biofeedback with stimulation	30 Days
XIII	USG Machine with musculo skeletal probes	30 Days
XIV	Extremity MRI Machine	30 Days

6. (b) **Payment Terms**

**I. General Terms**

- (i) The payment to the supplier will be made under Delivered Duty Paid contract.
- (ii) The Tenderers should only quote in INR.

**II. Payment terms for Manufacturer/Indian Distributor**

- A. 80 % of the Base Price of the Equipment along with applicable GST shall be paid after delivery and furnishing of Consignee Receipt Certificate (CRC) as per **Format 3a**.
- B. Remaining 20% of the Base Price of the Equipment along with applicable GST shall be paid after successful installation, commissioning and initial end user training by the authorised service team of the supplier and furnishing of Satisfactory Installation Certificate (SIC) as per **Format 3b**. The SIC shall be signed by the facility / end user or issued after joint certification by authorised official(s) from WBMSCL and the facility/ end user.

**Note:**

Submission of required Performance Bank Guarantee and signing of Agreement are mandatory for the processing of any Payment.

**Base Price of Equipment(s)** includes value of goods, accessories & ancillaries, freight charges, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable excluding GST. Applicable GST will be paid extra.

7. **Performance Security (PS)**

(In the form of unconditional and irrevocable Bank Guarantee)

3% of the Bid Value (Validity should be till the completion of Warranty + 60 days).

8. **Who can Bid (E)**

- 1. Original Equipment Manufacturers (OEM) and their Indian Subsidiaries
- 2. Company having Sales and after Sales Service Tie-up with the OEM
- 3. Authorized Dealers and Distributors of the OEM, if they do not have any Registered Office / Commercial establishment in India

All the categories of the bidders should agree to remain responsible for providing Comprehensive Maintenance Services (including all spares) and consumables for the entire useful life of the Equipment during warranty and after expiry of the Warranty Period.

9. **Service Up time in Warranty & CMC**

Working condition for a minimum period of 354 days out of a period of 365 days. (i.e. 97% uptime)

The response time to any fault should be not more than 6 hrs after call is logged.  
Call Log by E-mail/Fax.

The response time to any fault should be not more than 6 hrs. Time for rectification should not be

more than 24 hours
Maximum Downtime allowed without penalty: 48 hours. In case equipment is not useable beyond the stipulated maximum down time the supplier will be required to install alternative equipment for providing uninterrupted service. Penalty beyond 12 hours of non physical attendance: Rs 5000 per 24 hour for all schedule Penalty for Downtime after 48hrs: Rs 10000 per 24 hour per machine for all Schedule

#### 10. Liquidated damages for Delayed Delivery/Delayed setting up of Services

The percentage of 0.5% of the Invoice price for each week or part thereof, of delay until actual delivery or performance, up to a maximum deduction of 5% of the Invoice price.
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#### 11. Experience and Technical Capacity (E)

Tenderers shall invariably furnish documentary evidence / Client's certificate of <b>at least 3 (three) users</b> of the quoted model in support of the satisfactory operation in India.
The bidders / manufacturers should have installed & provided after sales services of the equipments of any model of the same make of at least 10% of the tender quantity for last 2 years at Govt. or Private Hospitals in India.

#### 12. Preference for S.S.I. units registered in West Bengal & PSUs in West Bengal:

Preference will be given to the S.S.I. units registered in West Bengal & PSUs in West Bengal and State Based Other Manufacturers as per West Bengal Financial Rule incorporated under notification No. 10500-F dated 19.11.04 as amended hereafter.

**Note1:** Warranty and CMC includes the equipment (including all accessories, ancillaries as given in the specification of the particular equipment)

**Note2:** The Tenderers, who have downloaded the bid documents, shall be solely responsible for checking these websites for any amendment, addendum issued subsequently to the bid document and takes into consideration the same while preparing and submitting the bids.

Bids will be opened in the presence of Tenderers' representative who chooses to attend on the specified date and time. However, opening of bids will not be stopped for absence of any bidder or his authorized representative at the notified time.

#### **Note 3: Service Centers**

- Preferably in three locations at Kolkata, Siliguri and Durgapur

**Note 4:** In case extension required, Bank Guarantees are to be renewed prior to 30 days of their expiry.

#### 13. General Instructions

- a. Bidders are requested to study the tender document, terms & conditions carefully before submitting their bids. Submission of tender shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
- b. Tender documents should be downloaded from the E-tender portal of Govt. of West Bengal at [wbtenders.gov.in](http://wbtenders.gov.in) and the website of WBMSCL at [www.wbmsc.gov.in](http://www.wbmsc.gov.in). The submission of bids should only be through online at [wbtenders.gov.in](http://wbtenders.gov.in).
- c. All pages of the bid submitted must be signed and sequentially numbered by the Bidder. All information in the offer must be in English. Information in any other language must be translated

to English. Failure to comply with this may render the offer liable to be rejected. In the event of any discrepancy between the offer in a language other than English and its English translation, the English translation will prevail.

## B. General

### 14. Scope of Bid

14.1 The type of goods and related services to be purchased is: **Supply and Commissioning of Medical equipments for setting up of Sports Medicine unit of the Govt. of West Bengal** as per the Schedule of Requirements.

### 15. Source of Funds

15.1 Funds received from the **Department of H & FW**, for the procurement of Medical Equipments on behalf of the **Department of H & FW**.

### 16. Fraud and Corruption

- i) It is WBMSCL policy to require that Tenderers, suppliers and contractors and their subcontractors under WBMSCL contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, WBMSCL:
  - (a) Defines, for the purposes of this provision, the terms set forth below as follows:
    - (i) Bribery is the act of unduly offering, giving, receiving or soliciting anything of value to influence the process of procuring goods or services, or executing contracts;
    - (ii) Extortion or coercion is the act of attempting to influence the process of procuring goods or services, or executing contracts by means of threat of injury to person, property or reputation;
    - (iii) Fraud is the misrepresentation of information or facts for the purpose of influencing the process of procuring goods or services, or executing the contracts, to the detriment of WBMSCL or other participants;
    - (iv) Collusion is the agreement between Tenderers designed to result in bids at artificial prices that are not competitive.
  - (b) Will reject a proposal to award a contract if it determines that a vendor recommended for award has engaged in corrupt practices in competing for the contract in question;
  - (c) Will declare a vendor ineligible, either indefinitely or for a stated period of time, to become a WBMSCL registered Vendor if it at any time determines that the vendor has engaged in corrupt practices in competing for or in executing a WBMSCL contract;
  - (d) Will cancel or terminate a contract if it determines that a vendor has engaged in corrupt practices in competing for or in executing a WBMSCL contract;
  - (e) Will normally requires a WBMSCL vendor to allow WBMSCL, or any person that WBMSCL may designate, to inspect or carry out audits of the vendor's accounting records and financial statements in connection with the contract.
- ii) Any vendor participating in WBMSCL's procurement activities, shall facilitate to WBMSCL personnel upon first request, all documents, records and other elements needed by WBMSCL to investigate the allegations of misconduct by either vendors or any other party to the procurement activities. The absence of such cooperation may be sufficient grounds for the debarment of the vendor from WBMSCL vendor roster and may lead to suspension following review by WBMSCL Vendor Review Committee.
- iii) It is required that Vendors, their subsidiaries, agents, intermediaries and principals cooperate with WBMSCL Internal Audit Group as well as with other investigations authorized by WBMSCL or by



the Government of West Bengal or the Central Government as and when required. Such cooperation shall include, but not be limited to, the following: access to all employees, representatives, agents and assignees of the vendor; as well as production of all documents requested, including financial records. Failure to fully cooperate with investigations will be considered sufficient grounds to allow WBMSCL to repudiate and terminate the contract and to debar and remove the supplier from WBMSCL's list of registered vendors.

#### **17. Eligible Tenderers**

- i) A Tenderer and all parties constituting the Tenderer may have the nationality of any country.
- ii) A Tenderer shall not have a conflict of interest. All Tenderers found to have conflict of interest shall be disqualified. Tenderers may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
  - a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by WBMSCL to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the Goods to be purchased under these Bidding Documents ; or
- iii) A Tenderer that is under a declaration of ineligibility by WBMSCL in accordance with Instructions to Tenderers at the date of contract award, shall be disqualified. Tenderers shall not be eligible to submit a bid when at the time of bid submission:
  - Suppliers are already suspended by WBMSCL; or,
  - Suppliers are suspended by the Government of West Bengal or Central Government or any other State Government or WBMSCL,
  - Suppliers have been declared ineligible by Government of West Bengal or Central Government or any other State Government or WBMSCL.

#### **18. Eligible goods and related services**

- i) All the goods and related services to be supplied under the Contract may have their origin in any country.
- ii) For purposes of this Clause, the term "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

## C. Contents of Bidding Documents

### 19. Sections of Bidding Documents

- i) The Bidding Documents consist of:
  - Section I. Instructions to Tenderers
  - Section II. General Conditions for Goods (GCG)
  - Section III. Special Conditions of Contract (SCC)
  - Section IV. Schedule of Requirements
  - Section V. Bidding Forms
  - Section VI. Contract Forms
- ii) The Tenderer is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.
- iii) Tenderers are cautioned to read the specifications carefully (see Section IV - Schedule of Requirements), as there may be special requirements. The technical specifications presented herein are not to be construed as defining a particular manufacturer's product. Tenderers are encouraged to advise WBMSCL, if they disagree.
- iv) The specifications are the minimum requirements for the products. Products offered must meet or exceed requirements mentioned in technical specifications. The products shall conform in strength, quality and workmanship to the accepted standards of the relevant industry. Modifications of or additions to basic standard products of less size or capability to meet these requirements will not be acceptable.

### 20. Clarification of Bid Document

- i) A prospective Tenderer requiring any clarification of the Bidding Documents shall contact WBMSCL in writing at [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in)

### 21. Amendment of Bid Document

- i) At any time prior to the deadline for submission of bids, WBMSCL may amend the Bid Document by issuing amendment to be uploaded in the e-tender portal & website of WBMSCL.
- ii) To give prospective Tenderers reasonable time in which to take an amendment into account in preparing their bids, WBMSCL may, at its discretion, extend the deadline for the submission of bids.

## D. Preparation of Bids

22. Tenderers are to prepare and submit the following:

- i) Non statutory documents to be submitted under My Space
- ii) BID – A (Should be in multiple page single PDF file)
- iii) BID – B (Should be in multiple page single PDF file)
- iv) BID – C (BOQ and Cost of Consumables & Spares)

Details are given in “Submission and Opening of Bids”

**23. Cost of Bidding**

The Tenderer shall bear all costs associated with the preparation and submission of its bid.

**24. Language of Bid**

The Bid, as well as all correspondence and documents relating to the bid exchanged by the Tenderer and WBMSCL, shall be written in the English language. Supporting documents and printed literature that are part of the Bid, if submitted in any other language provided they are accompanied by an accurate translation of the relevant passages into English and duly authenticated.

**25. Alternative Bids**

Alternative Bids will not be accepted.

**26. Bid Prices**

26.1 The prices in the BOQ shall conform to the requirements as specified in the tender.

26.2 The Incoterms shall be governed by the rules prescribed in the Incoterms 2010, published by The International Chamber of Commerce.

26.3 Prices quoted by the Tenderer shall be fixed during the Tenderer’s performance of the Contract and not subject to variation on any account.

**27. Currencies of Bid**

1) The Tenderer shall quote in INR only.

**28. Documents Establishing the Conformity of the Goods and Related Services**

To establish the conformity of the goods and related services to the Bidding Documents, the Tenderer shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section IV, Schedule of Requirements.

**29. Documents Establishing the Qualifications of the Tenderer**

As per Form 2: Check-List of Section V of the bid document.

**30. Period of validity of Bids**

30.1 Bids shall remain valid for a period of **2 (two)** years from last date of online submission of bid. A bid valid for a shorter period than specified in previous lines shall be rejected by WBMSCL as non responsive.

30.2 In exceptional circumstances, prior to the expiration of the bid validity period, WBMSCL may request Tenderer to extend the period of validity of their bids and EMD. In the event of the request for such extension beyond bid validity period, the bidder may or may not accept such request. In case, the bidder refuses to accept the request, the EMD of the bidder shall not be forfeited.

**31. Period of validity of the bid price:**

The bid price shall remain valid for a period of **2 (two)** years from the date of signing of the contract.

**32. Earnest Money Deposit (EMD):**

32.1 The EMD shall be paid, in favour of “**West Bengal Medical Services Corporation Limited**”, **GN-29, Swasthya Bhawan, Sec-V, Salt Lake, Kolkata- 700091** in the amount as provided in the **Schedule of Requirements** and denominated in INR.

32.2 **Any bid not accompanied by a substantially responsive EMD in accordance with Instructions to Tenderers shall be rejected by WBMSCL as non-responsive.**

32.3 The EMD of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer’s furnishing of the Performance Security pursuant to Instructions to Tenderers

32.4 The EMD may be forfeited:

- (a) if a Tenderer withdraws its bid during the period of bid validity specified by the Tenderer on the Bid Submission Form, except as provided in Instructions to Tenderers; or
- (b) if the successful Tenderer fails to:
  - (i) sign the Contract in accordance with Instructions to Tenderers;
  - (ii) furnish a Performance Security in accordance with Instructions to Tenderers ;

**33. Signing of Bid** – The bid document should be digitally signed and uploaded on the E-tender portal.

**34. Withdrawal, Substitution and Modification of Bids**

34.1 The bid once submitted cannot be withdrawn but prior to the deadline prescribed for submission of bids, a Tenderer may substitute, or modify its Bid after it has been submitted.

34.2 The objective of this bid is to ensure supply of best quality equipment at the most competitive price. If at any stage of the bidding, including at the stage of financial evaluation, it appears that the tendered rate is artificially hiked or is much lower compared to the prevailing market price and available rates of similar or identical composition with the government, WBMSCL reserves the right to cancel the bids.

**35. Confidentiality**

Any effort by a Tenderer to influence WBMSCL in the examination, evaluation, comparison of the bids or contract award decisions may result in the rejection of its Bid.

Notwithstanding Instructions to Tenderers from the time of bid opening to the time of Contract Award, if any Tenderer wishes to contact WBMSCL on any matter related to the bidding process, it should do so in writing.

## E. Submission and Opening of Bids

36. The following are to be submitted:

i) Non statutory documents to be submitted under My Document

(Each sub-category item should be in multiple page single PDF file)

**Guidelines for uploading documents in My Document:**

Sl. No.	Category Name	Sub - Category Name	Document Name
1	CERTIFICATES	CERTIFICATES	a) PAN Card b) 15 – digit Goods and Services Taxpayer Identification Number (GSTIN)
2	COMPANY DETAILS	COMPANY DETAILS 1	a) License from Government/ Statutory Authority as applicable. OR b) Registration with the Registrar Of Companies, if applicable.
		COMPANY DETAILS 2	a) Manufacturing Licence (National/International). (In case, manufacturing licence is not required / applicable for production of the quoted item, notarized declaration from the manufacturer is to be submitted) b) Current registration as SSI (if any)
3	CREDENTIAL	CREDENTIAL 1	Performance Statement Form (For the period of last three calendar years ending December 2020) - Form 6 of Section V  Should be supported with documentary evidence (copy of work orders along with proof of payment received / installation certificate) that the bidder have supplied Medical equipment in Hospitals in India during the last 3 (three) Financial Years (FY)
		CREDENTIAL 2	ISO certificate of the manufacturing factory
4	DECLARATION	DECLARATION1	Income Tax returns for assessment year (2016-17, 2017-18 & 2018-19) or (2017-18, 2018-19 & 2019-20)
		DECLARATION2	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- for, a) Acceptance of Terms and Conditions of NIT and its Amendments and Addendums thereto. (As per Form 1 of Section V).  <i>Note: Technical evaluation of the bid will be taken up only after scrutiny of Form 1 (NIT Acceptance Form) duly notarized.</i>
5	EQUIPMENT	MACHINERIES 1	Manufacturer's Authorization (If applicable) as per Form 5 of Section V
		MACHINERIES 2	List of installations & commissioning in India of offered model. (self declaration)
		MACHINERIES 3	Satisfactory Performance Certificate from at least 3 (three) users of the quoted model in support of the satisfactory operation in India.

Sl. No.	Category Name	Sub - Category Name	Document Name
6	FINANCIAL INFO	P/L & BALANCE SHEET 2017-2018	P/L & Balance sheet 2017-2018
		P/L & BALANCE SHEET 2018-2019	P/L & Balance sheet 2018-2019
		P/L & BALANCE SHEET 2019-2020	P/L & Balance sheet 2019-2020

## (ii) Statutory Documents

(a) **BID – A** (Should be in multiple page single PDF file)

- EMD (Scanned copy of the instrument through which EMD have been submitted) in online and in the form of Bank Guarantee (BG), if applicable.
- Declaration of the bidder on letter head that “We agree to submit a copy of the Tender Documents and its Amendments and Addendums thereto duly initialled by us in all pages with our seal/ rubber stamp affixed thereto, in token of acceptance thereof.”

(b) **BID – B** (Should be in multiple page single PDF file)

1	Model of the equipment offered for ( <b>Self Declaration</b> ) with Technical Data Sheet
2	Comparative Data Table of the Technical Specifications (Form No. 4 of Section V)
3	2 sets of Brochure of the offered product / model.
4	CE (“Conformite Europeene”) from European Union notified body having 4 digit identification number/ US FDA (as applicable) CE (“Conformité Européene”) Certificate should be from EU Notified Bodies authorized to conduct audits
5	Self declaration by the Tenderer for agreeing that WBMSCL will do Quality Check by Third Party Agency, If required
6	Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCL or his representative, if inspection is considered necessary.
7	Pre-requisites of installation [Power (KVA, Phase, Hz) and any other requirement, if any]
8	Average Annual Turnover of the Company in medical equipment division during the last 3 Financial Years (2016-17, 2017-18, 2018-19 or 2017-18, 2018-19 & 2019-20) (in INR) - to be certified by practicing Chartered Accountant as per format given in <b>FORM 9</b>
9	<b>Form 10:</b> Declaration of Quality Certification of Equipment (as applicable)

Non-statutory document (document uploaded in My Space), Bid – A & Bid – B constitute the technical bid

## iii) **BID – C [Bill of Quantity (BOQ) and Prices for Consumables & Spares]**

BOQ shall contain the financial quotes in respect of

- (a) **Base Price of Equipment (BP):** includes value of goods, accessories & ancillaries, freight charges, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable excluding GST. Applicable GST will be paid as extra.

- b) Cost of Consumable items which would likely to be procured in staggered manner or as per requirement of the end user for next 5 years.

**Comparison of Financial Bids would be based on the quoted Basic Price of the equipment quoted by the bidder. The rates quoted shall be firm and no variation will be allowed during the period of contract.**

The Tenderer should upload the following statements in PDF in addition to BOQ in .xls

- (i) Breakup for Duties and Taxes (as per Form 7 of Sec V) for equipment.
- (ii) Cost of Consumables & Spares as per Form 8 (a) and 8 (b).

### Comprehensive Maintenance of Equipment

The selected bidder should enter into Comprehensive Maintenance Contract (CMC) after expiry of the 5 Years warranty period, if intended by WBMSCL. The deliverables under the contract is detailed below:

- A. Breakdown Calls:** as many numbers as may be required to attend to resolve the complaint lodged by the end-users.
- B.** The equipment including all other accessories and ancillaries as given in the specifications of the equipment including light source/ lamp & lens etc.
- C. Preventive Maintenance:** The selected bidder should attend periodic planned preventive maintenances in the following manner:

Equipments	Mandatory preventive Maintenance Service (PMS) visit per year		Remarks
	Warranty	CMC	
Isokinetic system with sports specific attachment	4	4	1. Supplier/ authorised service provider must attend all breakdown calls during warranty / CMC period. 2. The supplier should provide Preventive Maintenance Services (PMS) yearly / bi - yearly / quarterly in equal interval to fulfill the minimum number of mandatory PMS as recommended in the previous column during warranty / CMC period. 3. The preventive maintenance includes testing & calibration as per technical / service / operational manual, spares, all software updates and labour.
Bodyweight supported treadmill	4	4	
Balance Analyser	4	4	
Sens Balance Mini Board	4	4	
Complete cardiopulmonary stress testing in metabolic cart	4	4	
Finometer	4	4	
Whole Body Reaction time	4	4	
Foot pressure distribution measurement system	4	4	

Equipments	Mandatory preventive Maintenance Service (PMS) visit per year		Remarks
	Warranty	CMC	
Speed, Jump and Turn Analyser Machine	4	4	
Bicycle Ergometer with CPET measurement	4	4	
Exercise physiology Measurement & Analysis system	4	4	
EMG & Pressure Biofeedback with stimulation	4	4	
USG Machine with musculo skeletal probes	4	4	
Extremity MRI Machine	4	4	

The cost for Year wise CMC charges after completion of 5 (Five) years warranty in percentage of the sum of quoted price of the equipment in the BOQ to be paid to the selected bidder(s) in the following manner:

ITEM	CMC charges in percentage(%) for Year1	CMC charges in percentage(%) for Year2	CMC charges in percentage(%) for Year3	CMC charges in percentage(%) for Year4	CMC charges in percentage(%) for Year5	CMC charges in percentage(%) for Year6
<b>For all items</b>	3.0	3.25	3.50	3.75	4.0	4.25

- a. **Periodic Calibration:** The selected bidder will also undertake periodic calibrations as would be required for quality certification desired by the end-user facilities.

The Tenderer should upload the following statements in PDF in addition to BOQ in .xls

- (iii) Breakup for Duties and Taxes (as per Form 7 of Sec V for equipment).  
 (iv) Cost of Consumables & Spares as per Form 8(a) and 8(b).

Detailed list of documents annexed at Form 1 Check-List Form, Section V

**N.B.**

- a) Any wrong or misleading information provided by the Tenderer during submission of bids may lead to summary cancellation of bid, blacklisting in WBMSCL for at least 5 years and forfeiture of EMD.  
 b) Each scanned documents should have an index page indicating the name of the documents enclosed with Page no.  
 c) The Earnest Money will be refunded within 15 days after finalization of the tender and/ or submission of Performance Bank Guarantee.



## F. Evaluation and Comparison of Bids

### 37. Evaluation of Bids

#### (A) Technical Evaluation

During the tender evaluation process **Non-statutory document** (document uploaded in My Space), **Bid – A & Bid – B** constituting the technical bid will be opened first and evaluated. The determination of Technical qualification status of a bidder will be based on the following:

- i) **Scrutiny of Form 1 (NIT Acceptance Form) duly notarized**
- ii) **Scrutiny of documentary evidence as per Form 2: Check-list, Section V of Bid document submitted by the Tenderers**
- iii) **Evaluation of Spec indicator:**

Bidders will have to arrange for functional demonstration of the offered equipment on the notified date. The evaluation of the spec indicator will be made based on the reports of the functional demonstration of the equipment. The functional demonstration (i.e. onsite/offsite) of the equipment is purely at the discretion of the Technical Bid Evaluation Committee and its input shall be treated as only corroborative in nature and will not be a substitute for technical evaluation of the document submitted along with the bid. The decision of the Technical Committee in this regard will be final.

Bidder has to comply with all Essential parameters of the technical specifications except deviation(s) which will be considered minor and acceptable by the team of experts to be engaged by WBMSCL to take working / functional demonstration of the offered equipments.

**A bidder will be considered technically qualified if,**

1. **Comply with i) & ii) and qualify in iii) above**

#### B. Financial Evaluation

Financial Bids (Bid - C) of the technically qualified Bidders would only be opened. **Comparison of Financial Bids would be based on the quoted Basic Price in BOQ as mentioned in “Submission and Opening of Bids” quoted by the tenderers.**

THE DECISION OF THE WBMSCL AUTHORITY WILL BE FINAL AND BINDING IN THIS MATTER.

### 38. Responsiveness of Bids

- 38.1 WBMSCL's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- 38.2 A substantially responsive Bid is one that conforms to all the terms, conditions and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
  - (a) Affects in any substantial way the scope, quality, or performance of the goods and related services specified in the Contract; or
  - (b) Limits in any substantial way, inconsistent with the Bidding Documents, WBMSCL's rights or the Tenderer's obligations under the Contract; or
  - (c) If rectified would unfairly affect the competitive position of other Tenderers presenting substantially responsive bids.

WBMSCL considers material deviation to include but not to be limited to the following situations:

(d) During technical evaluation of bids (verification of formal criteria):

- Lack of proper bid securities in terms of change in the wording (not consistent with the prescribed format), amount or validity period.
- Absence of bid form, change in the wording (not consistent with the prescribed format) or lack of signature in the key portions of the bid form,
- The Tenderer does not accept important Contract conditions, i.e. related to Performance Security, Warranty, Force Majeure, Applicable Law, Delivery Schedule, Payment Terms, Limitation of Liability, etc.
- Specifications of the item quoted vary in one or more significant respect(s) from the minimum required Technical Specifications.

38.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by WBMSCL

### **39. Examination of Terms and Conditions and Technical Evaluation**

39.1 WBMSCL shall examine the Bid to confirm that it does not contain material deviation or reservation related to the conditions and requirements specified in the GCC of Section II, SCC of Section III and in the Schedule of Requirements of Section IV.

39.2 If, after the examination of the terms and conditions and the technical evaluation, WBMSCL determines that the Bid is not substantially responsive in accordance with Instructions to Tenderers, it shall reject the Bid.

### **40. Domestic Preference**

Companies based and manufacturing in India shall not be a factor in bid evaluation.

### **41. Financial evaluation**

The financial bids of only those bidders who qualify in the technical bids will be opened.

### **42. WBMSCL's Right to Accept Any Bid and to Reject Any or All Bids**

WBMSCL reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Tenderers.

## G. Award of Contract

### 42. Award Criteria

- 42.1 In the event of a Contract award, WBMSCL shall award the Contract to the Tenderer whose offer has been determined to be the lowest evaluated bid substantially responsive to the Bidding Documents, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.
- 42.2 Before the award of Contract, WBMSCL may inspect the manufacturing facilities of the lowest evaluated responsive Tenderer to assess his capability to successfully perform the Contract as per the terms and conditions specified in the NIT.

### 43. WBMSCL's right to vary quantities

- 43.1 WBMSCL reserves the right to increase the quantity of 40% (Forty percent) or above in case of need / or to decrease the quantity of goods and related services by 40% (Forty percent) originally specified in Section IV, Schedule of Requirements, and without any change in the unit prices or other terms and conditions of the Bid Documents.

### 44. Publication of Award of Contract

- 44.1 WBMSCL shall publish the Award of Contract in e-tender portal and its website

### 45. Signing of Contract

- 45.1 Prior to the expiry of the period of bid validity, WBMSCL shall issue Award of Contract (AOC). The draft agreement will be sent to the successful Tenderer along with the AOC and Special Conditions for Goods, if any.
- 45.2 Within 14 (*fourteen*) days of receipt of the AOC, the successful Tenderer shall sign and return the agreement to WBMSCL along with the required value of Performance Security in full or in parts in the event of a staggered supply as decided by WBMSCL

### 46. Performance Security

- 46.1 Within 14 days of receipt of the AOC from WBMSCL, the successful Tenderer, if required, shall furnish the Performance Security in full or in parts in the event of a staggered supply as decided by WBMSCL in accordance with the GCC, using for that purpose the Performance Security Form included in Section VI, Contract forms, or another Form acceptable to WBMSCL. WBMSCL shall promptly discharge the Bid Securities of the unsuccessful Tenderers pursuant to Instructions to Tenderers.
- 46.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security in full or in parts in the event of a staggered supply as decided by WBMSCL and sign the agreement within 14(fourteen) days of issue of AOC shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD.

*Note: - Working demonstration of all the offered goods within India shall be required to be arranged by the Tenderer before the Bid Evaluation Committee for technical evaluation, as and when requested to do so by the Technical Bid Evaluation Committee prior to the opening of the financial bids. The cost incurred for the tour of the members of technical bid evaluation will be entirely borne by WBMSCL. Choosing of site for onsite physical demonstration from the list of installations submitted by a bidder / the institutes who have issued satisfactory certificate to the bidder shall be on the discretion of WBMSCL.*

## Section II. General Conditions of Contract

In the event of an order and any dispute arising out of the same, the FIRST PARTY General Conditions of Contract will apply as under and all references to the General Conditions of Contract include (subject to all relevant approvals) a reference to these terms and conditions as amended, supplemented, substituted, novated or assigned from time to time. Each schedule and annexure referred to in these terms and conditions shall form part of these terms and conditions. The documents forming the supply contract shall be construed and interpreted so that, in the event there is any conflict or ambiguity between them, these terms and conditions shall prevail.

### 1. APPLICATION AND LEGAL STATUS OF THE PARTIES:

The General Conditions Of Contract incorporated in section –II shall be applicable for the purchase and supply of Eye Equipment For Multi / Super Speciality Hospitals of the government of West Bengal and to the extent the same are not superseded by the Special Conditions Of Contract prescribed under section III, section IV or Schedule of Requirement of this document.

WBMSCL and VENDOR shall respectively be referred to as “FIRST PARTY” & “SECOND PARTY” hereunder and each party acknowledges and agrees that:

- 1.1 Nothing contained in or relating to the contract shall be construed as establishing or creating between the Parties the relationship of employer and employee or of principal and agent. The officials, representatives, employees, or subcontractors of each of the Parties shall not be considered in any respect as being the employees or agents of the other Party and each Party shall be solely responsible for all claims arising out of or relating to its engagement of such persons or entities.

### 2. DEFINITIONS:

- 2.1 **GOODS:** Goods are hereinafter deemed to include, without limitation, such medicines, raw materials, components, intermediate products and products which the Tenderer is required to supply pursuant to the Purchase Order or Special Conditions of this Contract to which these General Conditions are attached. Services are hereinafter deemed to include services ancillary to the supply of the Goods including, without limitation transportation and supply at the point of consignee and such other obligations as required under this Contract.

- 2.2 **TRADE TERMS:** Whenever an Inco term is used in this Contract it shall be interpreted in accordance with the Incoterms 2010 and as the same has been judicially interpreted in India.

### 3. CONTRACT PRICE;

Prices charged by the Tenderer for the Goods supplied and the related services performed under the Contract shall not vary from the prices quoted by the Tenderer in its bid, with the exception of any price adjustment authorized in writing by FIRST PARTY.

## 4.

### PACKAGING OF THE GOODS:

4.1

The SECOND PARTY shall package the Goods for delivery with the best materials that are adequate to safeguard the Goods while in transit and with all due care and according to the highest standards of export packaging for the type and quantities of the Goods. The Goods shall be packed and marked in a proper manner in accordance with the instructions stipulated in the Contract or, otherwise, as customarily done in the trade and in accordance with any requirements imposed by applicable law or by the transporters and manufacturers of the Goods. The packing, in particular, shall mark the Contract or Purchase Order number and any other identification information provided by FIRST PARTY as well as such other information as is customary for the Goods in question. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt, precipitation and open storage. The SECOND PARTY shall have no right to any return of the packing materials.

## 5.

### TRANSPORTATION AND FREIGHT:

Unless otherwise specified in the Contract (including in any INCOTERM 2010) the SECOND PARTY shall be solely liable for making all transport arrangements and for payment of freight and insurance costs for the shipment and delivery of the Goods in accordance with the requirements of the Contract and as defined in table 5. **(b) Payment Terms of Section I: Instructions to Tenderers, under sub-section A. Important information at a glance.**

## 6.

### DELIVERY OF GOODS:

The SECOND PARTY shall hand over or make available the goods and the Consignees shall receive the goods (as per detail annexed in Section IV), at the place for the delivery of the Goods and within the time for delivery of the Goods specified as **per table 5 (a) Date of supplies & commissioning at Section I: Instructions to Tenderers under sub-section A. Important information at a glance**, in the Contract. All manuals, instructions, displays and any other information relevant to the Goods shall be in the English language unless otherwise specified in the Contract. Unless specifically stated in the Contract (including in any INCOTERM 2010) the entire risk of loss, theft, damage to, or destruction of the Goods shall be borne as defined in **table 5. (b) Payment Terms of Section I: Instructions to Tenderers, under sub-section A. Important information at a glance.**

## 7.

### INSPECTION OF THE GOODS:

- 7.1 All goods may be subjected to inspection and testing by FIRST PARTY or its designated representatives at all times and places including the period of manufacture and in any event prior to final acceptance by FIRST PARTY.
- 7.2 Neither the carrying out of any inspections of the Goods nor any failure to undertake any such inspections shall relieve the SECOND PARTY of any of its warranties or the performance of any obligations under the Contract.
- 7.3 **For goods supplied from within or outside India.**
  - a) For goods supplied from within or outside India, Purchaser retains the right to perform pre-shipment inspection at the manufacturer's premises and an independent quality control laboratory testing **at its own cost.**
  - b) The Purchaser will retain the right to perform further inspections and quality testing at any time till the satisfactory installation of Goods, as it deems fit, **at its own cost.**

- 7.4 Should any inspected or tested goods fail to conform to the specifications, the purchaser shall reject them and the supplier shall replace the rejected goods free of cost to the purchaser, within a period of 30 (thirty) days of intimating such rejection.

## 8. ACCEPTANCE OF GOODS:

Under no circumstances shall FIRST PARTY be required to accept any goods that do not conform to the specifications of or requirements of the Contract. FIRST PARTY may condition acceptance of the goods upon the successful completion of acceptance tests, as may be specified in the Contract or otherwise agreed in writing by the Parties. In no case shall FIRST PARTY be obligated to accept any goods unless and until FIRST PARTY has inspected the goods following commissioning of the goods in accordance with the requirements of the Contract. The goods shall be deemed to be accepted only after FIRST PARTY provides written acceptance.

## 9. REJECTION OF GOODS:

Notwithstanding any other rights of, or remedies available to, FIRST PARTY under the Contract, in case any of the goods is defective or otherwise does not conform to the specifications or other requirements of the Contract, FIRST PARTY may, at its sole option, reject or refuse to accept the goods and the SECOND PARTY agrees promptly to replace the goods with goods of equal or better quality.

## 10. TITLE:

Unless otherwise expressly provided in the Contract, title including the incidentals of the title and any legal or inchoate right and interest which may accrue in the said Goods shall pass from the SECOND PARTY to the FIRST PARTY upon delivery of the Goods and the acceptance of the same by the FIRST PARTY in accordance with the requirements of the Contract.

## 11. PERFORMANCE SECURITY:

11.1 Within 14 days of receipt of the AOC from WBMSCL, the successful Tenderer, if required, shall furnish the Performance Security in full or in parts in the event of a staggered supply as decided by WBMSCL as per table 6, Performance Security (PS) at Section I: Instructions to Tenderers under sub-section A. Important information at a glance for an amount of 10% of the Contract Price (bid value )in full or in parts, valid up to 60 days after the date of completion of all contractual obligations, till the last date of warranty obligations.

11.2 Banks issuing Performance Securities must be acceptable to the FIRST PARTY, i.e. they have to be scheduled commercial banks.

11.3 Discharge of the Performance Security shall take place upon expiry of the Performance Security or the completion of all contractual liabilities of the Supplier as per as per table 6, Performance Security (PS) at Section I: Instructions to Tenderers under sub-section A. Important information at a glance.

11.4 In the event of any amendment issued to the Contract, the Supplier shall, within 14 (fourteen) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary) rendering the same valid in all respects in terms of the Contract, as amended.

## 12. WARRANTIES:

12.1 Goods Warranties:

Without limitation of any other warranties stated in or arising under the Contract, the SECOND PARTY warrants and represents that:

- 12.1.1 The Goods, including all packaging and packing thereof, conform to the specifications of the Contract, are fit for the purposes for which such Goods are ordinarily used and for the purposes expressly made known in writing by FIRST PARTY to the SECOND PARTY and shall be of even quality, free from faults and defects in design, material, manufacture and workmanship under normal use in the conditions prevailing in the country of final destination;
- 12.1.2 If the SECOND PARTY is not the original manufacturer of the Goods, the SECOND PARTY shall provide FIRST PARTY with the benefit of all manufacturers' warranties in addition to any other warranties required to be provided hereunder;
- 12.1.3 The Goods are of the quality, quantity and description required by the Contract;
- 12.1.4 The Goods are free from any right of claim by any third-party and unencumbered by any title or other rights, including any liens or security interests and claims of infringement of any intellectual property rights, including, but not limited to, patents, copyright and trade secrets.
- 12.1.5 Unless otherwise indicated in the Technical Specifications, this warranty shall remain valid for 1 (One) year after the Goods have been commissioned at the final destination indicated in the Contract subject to issue of certificate regarding date of commissioning issued by the consignee.
- 12.1.6 During the warranty, free comprehensive annual maintenance and repairs services including testing and calibration, labour and spares shall be provided by the supplier during the period of warranty.
- 12.1.7 If the Supplier, having been notified, fails to remedy the defect(s) within the stipulated period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 12.1.8 The supplier shall, at all times, indemnify and keep indemnified the purchaser , free of cost, against all claims which may arise in respect of goods and services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.
- 12.1.9 The supplier shall be responsible and shall indemnify on account of any emission or radiation that may cause harm to the user of the supplied product.
- 12.1.10 The supplier shall visit each installation site as recommended in the manufacturer's technical/ service operational manual, but **at least once in three months** during the warranty period for preventive maintenance.
- 12.1.11 The Goods shall be new and unused. The SECOND PARTY shall remain responsive to the needs of FIRST PARTY for any services that may be required in connection with any of the SECOND PARTY's warranties under the Contract. All warranties will remain fully valid following any delivery of the Goods and for a period of not less than one (1) year following acceptance of the Goods by the Consignee in accordance with the Contract. During any period in which the SECOND PARTY's warranties are effective, upon notice by FIRST PARTY that the Goods do not conform to the requirements of the Contract, the SECOND PARTY shall replace the defective Goods with Goods of the same or better

quality or fully reimburse FIRST PARTY for the purchase price paid for the defective Goods; and if having been notified by any means, the SECOND PARTY fails to replace the defective Goods within 30 days, FIRST PARTY may proceed to take such remedial action as may be necessary, at the SECOND PARTY's risk and expense and without prejudice to any other rights which FIRST PARTY may have against the SECOND PARTY under the Contract. The reasonableness of the period of time granted for remedy is subject to the discretion of FIRST PARTY according to the circumstances of the Contract.

### 13. INDEMNIFICATION:

The SECOND PARTY shall indemnify, defend and hold the FIRST PARTY, the DoHFW and the Government agencies harmless against any or all proceedings, actions and third party claims arising out of a breach by the SECOND PARTY of any of its obligations under this agreement.

This indemnity shall be limited in respect of making harmless to the FIRST PARTY, the DoHFW and the Government agencies.

The bidder shall indemnify the FIRST PARTY against all actions, suits, claims and demands brought or made against it, in respect of anything done or committed to be done by the SECOND PARTY in execution of or in connection with the work of this contract and against any loss or damage to the FIRST PARTY in consequence to any action or suit, or a legal proceeding, being brought against the bidder for anything done or committed to be done in the execution of this contract. The bidder will abide by the job safety measures prevalent in India and will free the FIRST PARTY from all demands or responsibilities arising from accidents or loss of life, on account of the bidder's negligence and responsibility. The bidder will pay all indemnities arising from such incidents without any extra cost to FIRST PARTY and will not hold the FIRST PARTY responsible or obligated. The FIRST PARTY may at its discretion and entirely at the cost of the bidder defend such suit, either jointly with the bidder or severally in case the latter chooses not to defend the case and /or proceeding.

### 14. LIQUIDATED DAMAGES:

Except under the circumstances of force majeure as described, if the SECOND PARTY fails to deliver any or all of the Goods by date(s) of delivery as per conditions of the contract, FIRST PARTY may, without prejudice to any or all its other remedies under the contract, deduct from the contract price, as per **table - 9 Liquidated damages for delayed delivery / delayed setting up of Services at Section I: Instructions to Tenderers under sub-section A. Important information at a glance**

### 15. BLACKLISTING:

Any manufacturer/ its subsidiary which has been black-listed by any Government Department/Agency in India during the last five years, would not be eligible to participate in the tender.

### 16. PENALTY FOR DEFAULT:

In case of failure by the Tenderer to perform according to this Contract to keep Service Up time in Warranty & CMC of all of the Goods, the Company may exercise one or several of the penal provisions as per **table – 8, Service Up time in Warranty & CMC at Section I: Instructions to Tenderers under sub-section A. Important information at a glance.**



- 16.1 In addition to what has been stated above, the following sequence of penalties shall be imposed against offences mentioned against each:

Nature of offence	Penalty to be imposed
Any wrong or misleading information provided by the Tenderer during submission of bids	<ul style="list-style-type: none"> <li>a. Forfeiture of EMD</li> <li>b. May lead to blacklisting in FIRST PARTY for at least 5 years</li> </ul>
Non execution of agreement within 14 days of issue of AOC	<ul style="list-style-type: none"> <li>a. Forfeiture of EMD</li> <li>b. Blacklisting for 5 years in FIRST PARTY</li> <li>c. Blacklisting to be circulated to all procurement agencies throughout the country</li> </ul>
Supplying refurbished goods instead of new	<ul style="list-style-type: none"> <li>a. Termination of Contract.</li> <li>b. Blacklisting in FIRST PARTY for 5 years.</li> <li>c. Blacklisting to be circulated to all procurement agencies throughout the country.</li> <li>d. Forfeiture of the Performance Bank Guarantee. Lodging FIR.</li> </ul>
Breach of Agreement	<ul style="list-style-type: none"> <li>a. Termination of Contract.</li> <li>b. Blacklisting in FIRST PARTY for 5 years.</li> <li>c. Blacklisting to be circulated to all procurement agencies throughout the country.</li> <li>d. Forfeiture of the Performance Bank Guarantee</li> <li>e. Lodging FIR</li> </ul>

## 17. CHANGES IN QUANTITY:

FIRST PARTY reserves the right to increase the quantity of 40% (Forty percent) or above in case of need / or to decrease the quantity of goods and related services by 40% (Forty percent) originally specified in Section IV, Schedule of Requirements, and without any change in the unit prices or other terms and conditions of the Bid Documents.

## 18. TERMINATION FOR CONVENIENCE:

18.1. FIRST PARTY may, upon notice to the Tenderer, terminate this Contract, in whole or in part, at any time for its convenience. The notice of termination shall state that termination is for FIRST PARTY's convenience, the extent to which performance of the SECOND PARTY under the Contract is terminated and the date upon which such termination becomes effective.

18.2. In the event of Termination for Convenience, no payment shall be due from FIRST PARTY to the Tenderer except for Goods satisfactorily delivered and for the cost of such necessary work as FIRST PARTY may request the Tenderer to complete.

## 19. TERMINATION FOR DEFAULT:

- 19.1 FIRST PARTY, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the SECOND PARTY, may terminate the Contract, in whole or in part if:
  - 19.1.1 The SECOND PARTY fails to deliver any or all of the Goods within the period specified in the Contract;
  - 19.1.2 The SECOND PARTY fails to perform any other obligation under the Contract;
  - 19.1.3 The SECOND PARTY, in the judgment of FIRST PARTY, has engaged in fraud and corruption, in competing for or in executing the present Contract;
  - 19.1.4 The SECOND PARTY attempts to offer any direct or indirect benefit arising from or related to the performance of the Contract or the award there of to any representative, official, employee or other agent of FIRST PARTY or any organization of Health & Family Welfare Department, Government of West Bengal;
  - 19.1.5 The SECOND PARTY is adjudged bankrupt, or is liquidated, or becomes insolvent, applies for moratorium or stay on any payment or repayment obligations, or applies to be declared insolvent;
  - 19.1.6 FIRST PARTY reasonably determines that the SECOND PARTY has become subject to a materially adverse change in its financial condition that threatens to endanger or otherwise substantially affect the ability of the SECOND PARTY to perform any of its obligations under the Contract.
  - 19.1.7 Non-compliance of all statutory norms and applicable laws relating to the said contract will entitle FIRST PARTY to terminate the contract.

19.2 Upon occurrence of one or more of the events specified above, FIRST PARTY shall follow the procedure of issuing notice or show cause specifying the time frame and on being not satisfied with the explanation, be entitled to terminate the Contract immediately. The decision of FIRST PARTY shall be final and binding on the Tenderer.

## **20. CONSEQUENCES OF TERMINATION:**

- 20.1. In the event of any termination of the Contract, upon receipt of notice of termination by FIRST PARTY, the SECOND PARTY shall, except as may be directed by FIRST PARTY in the notice of termination or otherwise in writing:
  - 20.1.1 Take immediate steps to bring to a close in a prompt and orderly manner the performance of any obligations under the Contract, including, but not limited to, fulfilling any outstanding orders for Goods under the Contract and in doing so, reduce expenses to a minimum;
  - 20.1.2 Place no further orders for Goods or other materials, except as FIRST PARTY and the SECOND PARTY agree in writing are necessary to fulfil any outstanding order or to complete any portion of the Contract that has not been terminated;
  - 20.1.3 Transfer title and deliver to FIRST PARTY any Goods remaining to be delivered as stipulated in the notice of termination; and
  - 20.1.4 Take any other action that may be necessary or that FIRST PARTY may direct in writing, for the protection and preservation of any property, whether tangible or intangible, related to the Contract that is in the possession of the SECOND PARTY and in which FIRST PARTY has or may be reasonably expected to acquire an interest.
- 20.2. In the event of any termination of the Contract, FIRST PARTY shall not be liable to pay the SECOND PARTY except for those Goods delivered to FIRST PARTY in accordance with the requirements of the Contract, but only if such Goods were ordered, requested or otherwise provided prior to the SECOND PARTY's receipt of notice of termination from FIRST PARTY.

## **21. CONFIDENTIALITY:**

- 21.1 FIRST PARTY and the SECOND PARTY, its agents, employees, sub-contractors and servants shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto, in connection with the Contract, whether such information has been furnished prior to, during or following competition or termination of the contract. Notwithstanding the above, the SECOND PARTY may furnish to its sub-contractor such documents, data and other information it received from FIRST PARTY to the extent required for the sub-contractor to perform its work under the contract, in which event the SECOND PARTY shall obtain from such sub-contractor an undertaking of confidentiality similar to that imposed on the SECOND PARTY.
- 21.2 FIRST PARTY shall not use such documents, data and other information received from the SECOND PARTY for any purpose unrelated to the contract. Similarly, the SECOND PARTY shall not use such documents, data and other information received from FIRST PARTY for any purpose other than the performance of the contract.
- 21.3 The obligation of a party under the two foregoing paragraphs shall not apply to information that:
  - 21.3.1 Now or hereafter enters the public domains through no fault of that party;
  - 21.3.2 Can be proven to have been possessed by that party at time of disclosure and which was not previously obtained, directly, from the other party, or
  - 21.3.3 Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

## **22. FORCE MAJEURE:**

- 22.1 Force majeure as used herein means any unforeseeable and irresistible act of nature, any act of war (whether declared or not), invasion, revolution insurrection, flood earthquake or any other acts of a similar nature or force, provided that such acts arise from causes beyond the control and without the fault or negligence of the SECOND PARTY. The SECOND PARTY acknowledges and agrees that, with respect to any obligation under the contract that the SECOND PARTY must perform any delays or failure to perform such obligation arising from or relating to harsh conditions within such areas shall not, in and of itself, constitute Force majeure under the contract. Further the SECOND PARTY acknowledges and agrees that scarcity of raw materials, power cut, workers unrest (even if wide spread) will not constitute force majeure under the contract.
- 22.2 In the event of and as soon as possible after the occurrence of any cause constituting Force majeure, the SECOND PARTY shall give notice and full particulars in writing to FIRST PARTY, of such occurrence or cause if the SECOND PARTY is thereby rendered unable, wholly or in part to perform its obligations and meet its responsibilities under the contract. The SECOND PARTY shall also notify FIRST PARTY of any other changes in condition or the occurrence of any event which interferes or threatens to interfere with its performance of the contract. Not more than fifteen (15) days following the provision of such notice Force majeure or other changes in conditions or occurrence, the SECOND PARTY shall also submit a statement to FIRST PARTY of estimated expenditure that will likely be incurred for the duration of the change in condition or the event. On receipt of notice or notices required hereunder, FIRST PARTY shall take such action as it considers, in its sole

desertion, to be appropriate or necessary in the circumstances, including the granting to the SECOND PARTY of a reasonable extension of time in which to perform any obligations under the contract.

22.3 If an event of force majeure exists and the SECOND PARTY fails, within seven (7) days of such event to give notice in writing to FIRST PARTY and if the SECOND PARTY is rendered permanently unable, wholly, or in part, by reason of force majeure to perform its obligations and meet its responsibilities under the Contract, FIRST PARTY shall have the right to suspend or terminate the contract on the same terms and conditions except that the period of notice shall be seven (7) days. In any case, FIRST PARTY shall be entitled to consider the SECOND PARTY permanently unable to perform its obligations under the contract in the case of the SECOND PARTY's suffering any period of suspension in excess of ninety (90) days.

22.4 In the event of force majeure the benefit accrued to the FIRST PARTY in terms of title and any accrued right thereof including all inchoate rights shall remain with the FIRST PARTY and the SECOND PARTY shall not have any claim with the same.

## **23. SOURCE OF INSTRUCTIONS:**

The SECOND PARTY shall neither seek nor accept instructions from any authority external to FIRST PARTY in connection with the performance of its obligations under the contract. Should any authority external to FIRST PARTY seek to impose any instructions on the SECOND PARTYS regarding the SECOND PARTY's performance under the contract, the SECOND PARTYS shall promptly notify and shall provide all reasonable assistance required by FIRST PARTY. The SECOND PARTY shall not take any action in respect of its performance of the contract or otherwise related to its obligations under the contract that may adversely affect the interests of FIRST PARTY and the SECOND PARTY shall perform its obligations under the contract with the fullest regard to the interests of FIRST PARTY.

## **24. BENEFITS, CORRUPTION AND FRAUD:**

24.1 The SECOND PARTY warrants that it has not and shall not offer any direct or indirect benefit arising from or related to the performance of the contract or the award thereof to any representative, officials, employee, or other agent of FIRST PARTY or any official of the Health & Family Welfare Department, Government of West Bengal or any organization engaged in the procurement process whether during the period the contract is in process or before or after the contract is over. The SECOND PARTY acknowledges and agrees that any breach of this provision is a breach of an essential term of the contract as specified.

24.2 Corruption means the offering, giving, receiving or soliciting of, directly or indirectly, anything of value to influence the action of any FIRST PARTY representative, official, employee or agent of FIRST PARTY or any official of the Health & Family Welfare department, Government of West Bengal or any organization engaged in the selection process or in the execution of the contract.

24.3 Fraud means a misrepresentation or omission of facts in order to influence the selection process or the execution of the contract.

## **25. USE OF NAME OR OFFICIAL SEAL OF FIRST PARTY:**

The SECOND PARTY shall not advertise or otherwise make public for purpose of commercial advantage or goodwill that it has a contractual relationship with FIRST PARTY, nor shall the SECOND PARTY, in any manner whatsoever use the name or official seal of FIRST PARTY, or any abbreviation of the name of the FIRST PARTY or Health & Family Welfare department, Government of West Bengal in connection with its business or otherwise without the written permission of FIRST PARTY.

## **26.**

### **ASSIGNMENT:**

26.1 The SECOND PARTY shall not, except after obtaining the prior written approval of FIRST PARTY, assign, transfer, pledge, or make any other disposition of this contract or any part hereof or of any of the SECOND PARTY's right or obligations hereunder, except with the prior written authorization of FIRST PARTY. The SECOND PARTY may assign or otherwise transfer the contract to the surviving entity resulting from a reorganization of the Party's operations.

26.2 Prior to the written approval of FIRST PARTY, the SECOND PARTY shall promptly notify FIRST PARTY of such assignment at the earliest opportunity subject to the assignee or transferee agrees in writing to be bound by all of the terms and conditions of the contract and such writing is promptly provided to FIRST PARTY following the assignment or transfer and FIRST PARTY finds that the SECOND PARTYS has the financial and technical capacity as laid down in the tender document to carry out the assignment provided that:

26.2.1 Such reorganization is not the result of any bankruptcy, receivership or other similar proceedings; and

26.2.2 Such reorganization arises from sale, merger, or acquisition of all or substantially all of the SECOND PARTY's assets or ownership interest; and

26.2.3 Such reorganization is not taking place with any of the Tenderer who had participated in the Tender or who will be deemed to have conflict of interest as defined in the tender documents process for the same tender.

26.3 However, should the SECOND PARTY become insolvent or should control of the SECOND PARTY change by virtue of insolvency, FIRST PARTY may, without prejudice to any other right or remedy, terminate this contract.

## **27.**

### **AMICABLE SETTLEMENT:**

When a dispute arises under this agreement, the parties shall make all reasonable efforts to resolve through good faith negotiation, failing which they will attempt at dispute resolution with the intervention of the Principal Secretary, the DoHFW, GoWB

## **28.**

### **ARBITRATION:**

28.1 Except for a dispute in connection with termination in which respect the decision of FIRST PARTY shall be final, any dispute between the parties arising out of or relating to this agreement which cannot be resolved through good faith negotiation shall be settled in arbitration, in terms of the provisions of the Arbitration and conciliation Act-1996(no.26 of 1996). The arbitration hearing shall be held in Kolkata only. The award of the arbitrator (s) shall be binding on both the parties. The cost of arbitration shall be borne by the respective parties.

28.2 Pending the submission of and / or decision on a dispute, difference or claim, or until the arbitral award is published, the party shall continue to perform all of

their obligations under this agreement without prejudice to a final adjustment in accordance with such award.

**29.**

**COURT OF LAW:**

In case of any dispute in between the parties, the matter will be settled in appropriate Court of Law within Kolkata Jurisdiction.

**30.**

**QUALITY OF EQUIPMENT:**

The equipment should have compliance with CE (European Conformity) standards & safety. In case the name of the offered model is not under the scope of the certification, the bidder will submit a notarized declaration in the format given in FORM 11: Declaration of Quality Certification of Equipment

## Section III. Special Conditions of Contract

The following Special Conditions of Contract (hereinafter referred to as SCC) shall supplement the General Conditions of Goods (hereinafter referred to as GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated in the first column.

SCC -1	GCC - 6	<p><b>Delivery of Goods shall be made by the SECOND PARTY in accordance with the Schedule of Requirement</b></p> <p>However, the FIRST PARTY may swap facilities between phases and/or substitute any facility by a new one if deemed necessary.</p> <p><b>The details of shipping and/or other documents, as applicable under I or II, to be furnished by the SECOND PARTY are:</b></p> <p>I. <b>For Goods supplied from abroad :</b></p> <p>(A) Upon shipment, within 24 hours the SECOND PARTY shall notify the Purchaser in writing the full details of the shipment including Contract number, description of the Goods, quantity, date and port of shipment, mode of shipment, estimated dates of arrival at the port of entry and the place of destination. In the event of Goods sent by airfreight, the SECOND PARTY shall notify the Purchaser a minimum of forty-eight (48) hours ahead of dispatch, the name of the carrier, the flight number, the expected date and time of arrival, the Master airway-bill and the House airway- bill numbers. The SECOND PARTY shall first fax the above details and then send to the Purchaser, by courier, two sets of documents comprising one original and one copy of the following:</p> <p>(i) Commercial invoice, indicating the <b>West Bengal Medical Services Corporation Limited</b> as the Purchaser on behalf of the <b>Department of Health and Family Welfare, Government of West Bengal</b>; the Contract number, Goods description, quantity, unit price and total amount. Invoices must be signed in original and stamped, or sealed with the company stamp/seal;</p> <p>(ii) Negotiable, clean, on-board through bill of lading marked "freight prepaid" and indicating the <b>West Bengal Medical Services Corporation Limited</b> as the Purchaser on behalf of the <b>Department of Health and Family Welfare, Government of West Bengal</b> and notify Consignees as stated in the Contract, with delivery through to final destination as per the Schedule of Requirements and non-negotiable bill of lading, or railway consignment note, road consignment note, truck or air waybill, or multimodal transport document, marked "freight prepaid" and showing delivery through to final destination as per the Schedule of Requirements;</p> <p>(iii) Packing list identifying contents of each package;</p> <p>(iv) Manufacturer's Warranty Certificate covering all items supplied;</p> <p>(v) Manufacturer's Certificate of Origin covering all items supplied;</p> <p>(vi) Original copy of the certificate of weight issued by the port authority/licensed authority and six copies;</p> <p>(vii) Manufacturer will submit a pre-shipment advisory note to purchaser &amp;</p>
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		<p>consignee at least 15 days prior to the scheduled delivery of the equipment at the door step of the consignee;</p> <p>(viii) Acknowledgement of receipt of Goods by the Consignees, i.e. Consignment Receipt Certificate (CRC).</p> <p>The above documents shall be received by the 'Purchaser' at least 15 days before arrival of Goods at the port or place of arrival and, if not received, the SECOND PARTY will be responsible for any consequent expenses.</p> <p><b>II. For Goods from within India</b></p> <p>(A) Upon the delivery of the Goods, the SECOND PARTY shall notify the Purchaser in writing and deliver to the Purchaser two sets of documents comprising one original and one copy of the following:</p> <p>(i) Commercial invoice, indicating the <b>West Bengal Medical Services Corporation Limited</b> as the Purchaser on behalf of the <b>Department of Health and Family Welfare, Government of West Bengal</b>, the Contract number, loan number; Goods' description, quantity, unit price and total amount. Invoices must be signed in original and stamped or sealed with the company stamp/seal;</p> <p>(ii) Railway consignment note, road consignment note, truck or airway bill, or multimodal transport document showing the Purchaser as the <b>West Bengal Medical Services Corporation Limited</b> on behalf of the <b>West Bengal Medical Services Corporation Limited</b> and delivery through to final destination as stated in the Contract;</p> <p>(iii) Acknowledgement of receipt of Goods by the Consignees, i.e. Consignment Receipt Certificate (CRC);</p> <p>(iv) Packing list identifying contents of each package;</p> <p>(v) Manufacturer's or SECOND PARTY's Warranty certificate covering all items supplied;</p> <p>(vi) Manufacturer will submit a pre-shipment advisory note to purchaser &amp; consignee at least 15 days prior to the scheduled delivery of the equipment at the door step of the consignee.</p>
SCC -2	GCC - 30	<p><b>Add clause 30- Payment Terms -</b> As per table 5 (b) Payment Terms at Section I: Instructions to Tenderers under sub-section A. Important information at a glance.</p>



SCC-3	GCC - 31	<p><b>Add clause GCC 31- The Comprehensive Maintenance Contract (Including Spare parts)</b></p> <p>(i) The Consignees/ Government of West Bengal / Operation &amp; Maintenance (O&amp;M) Partner, may, at his own and sole discretion enter into a Comprehensive Maintenance Contract (CMC) with the SECOND PARTY, three months prior to the completion of Warranty Period, at the contracted price, for a period as specified in the tender after the expiry of the warranty period provided that this service shall not relieve the SECOND PARTY of any warranty obligations under this Contract. Wherever the Technical Specifications lay down a different period of CMC, this latter period shall prevail. The CMC will commence from the date of expiry of warranty period. The CMC includes preventive maintenance including testing &amp; calibration as per technical/service/operational manual, labour and spares.</p> <p>(ii) The CMC includes repairs of entire system, preventive maintenance, testing &amp; calibration, labour and spares and all software updates.</p> <p>(iii) The Comprehensive Annual Maintenance and Repair charges (after Warranty period) shall be paid quarterly in four equal instalments.</p> <p>(iv) Details of CMC requirements or otherwise, as spelt out in the Technical Specifications, will prevail over those given in this section.</p>
SCC - 4	GCC -31.1	<p><b>Add GCC clause 31.1</b></p> <p>For both Warranty and CMC, as per table 8. Service Up time in Warranty &amp; CMC at <b>Section I: Instructions to Tenderers under sub-section A. Important information at a glance.</b></p>
SCC - 5	GCC - 32	<p><b>Add GCC clause 32</b></p> <p>The successful bidder shall be required to undertake supplies of quantity as per schedule of requirement in phases spread over a period of 12(twelve) months from the date of signing of the contract.</p>
SCC - 6	GCC -33	<p><b>Add GCC clause 33</b></p> <p>The successful bidder shall undertake to commission the equipment including the interiors of the site as per technical specification mentioned in <b>Section IV. Schedule of Requirements.</b></p>

## Section IV. Schedule of Requirements

### Contents

1. List of Consignee
2. Technical Specifications
3. Standard requirements
4. List of related services
5. Inspections and Tests

# 1. List of Consignee

	ITEM	Total Quantity (in number)	Consignee List
I	Isokinetic system with sports specific attachment	1	To be notified later
II	Bodyweight supported treadmill	1	
III	Balance Analyser	1	
IV	Sens Balance Mini Board	1	
V	Complete cardiopulmonary stress testing in metabolic cart	1	
VI	Finometer	1	
VII	Whole Body Reaction time	1	
VIII	Foot pressure distribution measurement system	1	
IX	Speed, Jump and Turn Analyser Machine	1	
X	Bicycle Ergometer with CPET measurement	1	
XI	Exercise physiology Measurement & Analysis system	1	
XII	EMG & Pressure Biofeedback with stimulation	1	
XIII	USG Machine with musculo skeletal probes	2	
XIV	Extremity MRI Machine	1	

**Please note:**

- The Consignee Receipt Certificate (CRC) will be issued to the Vendor within 72 hours of the delivery at the Consignee address.

## 2. TECHNICAL SPECIFICATION

### Schedule - I

#### ISOKINETIC SYSTEM

1. Multi-joint system for evaluation and rehabilitation of larger joints: Shoulder, Knee, Hip, Ankle, Elbow and Wrist. Attachments for these joints to be provided as standard.
2. Should have exercise modes: a) Isokinetic, b) Isotonic, c) Isometric, d) Passive, e)
3. Eccentric-Concentric mode
4. The system should have dedicated attachments for low height/pediatric population and should have dedicated hamstring attachment for H-Q Ratio Testing and training and Upper Extremity Neurological Attachments.
5. The motor should allow the dynamometer to act in response to the torque produced by the patient moving in a direction opposite to the applied torque permitting the muscle to perform eccentric exercises. Isotonic torque should be as low as 0.4 to 0.5 ft-lb.
6. A sophisticated control should allow the dynamometer to provide a continuous motion at a constant speed (passive mode) and to Simulate isotonic and the more original job specific work simulation activities with the help of dedicated work simulation attachments i.e. Multiple Tool Adapters, Precision Pinch with Rotation, Spherical Grasp, and Lateral Pinch with Rotation, Three points. Prehension with Rotation, Upper Extremity Wheel, Upper Extremity Wrench, Speeder Wrench Simulator & Screwdriver Simulator & Prehension with Parallel Grip.
7. Should be compact system for multiple joints for the execution of closed kinetic chain exercises.
8. Should be used safely in both concentric and eccentric mode to evaluate, re-educate and train Muscles should be supplied with.
9. Should have dedicated (with these specialized attachments clinician can build on the research and initiate the power training on the system even with patient demonstrating impaired grasp due to hemiparesis)
10. The system should have Graphical User Interface with complete computer controlled operation and electronic range of motion control with soft stops for impact free

control with display on the computer screen.

11. The system should be supplied with clinical data station of suitable configuration and should be on wheels so that the display can be moved in desired location for easy viewing by the patient and the therapist. And also include a software package with user definable report in formats, representing patient's status, progress and outcome over time, plot strength pain, ROM.
12. The system should have facilities for dynamic functional imaging to quantify the tests in colour codes via software also for overlay and comparison of data from different tests.
13. The system should have facilities for displaying exercise and test patterns on the computer screen.
14. Software should also include biofeedback facilities to track subject performance and motivate them during exercise.
15. The software should have the protocol for Multiple Angle Comparison Test and H/Q Ratio Test for Hamstring injury rehabilitation and prevention of reinjury using lengthened state eccentric training and incorporate database facilities with comparison to normative data.
16. Sampling rate of the software should be up to 1500 Hz to 2000 Hz using analog signal interface.
17. Should be supplied with advanced software package to provide customized motor control, movement tracking and data analysis for use in advanced research. Should include analog signal access interface, separate roller trolley to keep the accessories.
18. The chair should be wide and should be electrical height adjustable and should have the possibility of forward / backward movement, rotation and back rest adjustment, the chair edge suitable to fill the gap created when the seat is flat. Makes the seat more comfortable for supine, prone or side lying exercises.
19. Dynamometer head should be gas spring controlled for height adjustment & should have facility to rotate & tilt.
20. The System should have CE/US FDA Approved.
21. Supplier should have minimum 4 installation of the same system in government setup supported with performance certificate not more than 3 months old In India.
22. The system should work on 220 V / 50 Hz.

23. Should be supplied with the suitable power stabilizer.

## Schedule - II

### BODY WEIGHT SUPPORTED TREADMILL

1. The treadmill should be useful for adult and pediatric subject.
2. Should have Instrumented Walking Surface to provide the biofeedback to display a comparison of actual footfall to target gait parameter.
3. Should have windows CE operating system for enhanced software graphics audio and connectivity capabilities.
4. Treadmill should always stand at 0 mph with 0.1 mph speed increments.
5. Should have speed range of: Forward: 0 -16km/h.
  - i) Reverse: 0-3 mph in 0.1 mph increments.
  - ii) Gait training mode speed limited to 4.8km/h
6. Should have elevation range of 0 -15% grade and have exact-Track Belt to eliminate belt shift and tracking problems and a minimum of 2 HP modulation control power motor.
7. Walking Area should not be less than 160 x 50 cm.
8. Should have visual prompts to provide corrective action and positive reinforcement.
9. Footfall Targets should be normalised to limb length for accurate step cycle sequencing.
10. Should have Equate Belt Speed to match a patient's individual step cycle and display Total Time, Average Walking Speed, Total Distance and Steps, Average Step Length, Step Length Variability, Time of each foot.
11. Should have provision for providing normative data for comparison to healthy population on the basis of age and gender.
12. Should have facility for heart rate monitoring through contact hand grips and wide colour touch screen display of size minimum 10 inch and facility to store and print the test & training data.
13. Should be supplied with Printer and Printer Stand.

14. The unit should have dynamic suspension system to maintain consistent unweighing during walking or running.
15. The unit should have unique integral lift mechanism to assist patients from the seated position.
16. The unit should have an open frame design to accommodate all type of patients and to have an unobstructed forward view for the patients.
17. The unit should have display the readout quantifies unloaded weight.
18. The unit should have a hand held remote for height and Unweighing load adjustment.
19. The unit should have open unobstructed frame to allow clinician easy access to manually assist placement and timing of the lower extremities.
20. The unit should have lightweight, high strength aluminium frame to make it easy to move around.
21. The unit should have large, easy roll locking casters removable arm supports. one system that can accommodate children to adults and provide approx, 60-68 kg unweighing capacity.
22. The unit should have a user capacity up to 150-1770 kg and a vertical adjustment of 50 inch.
23. The unit should have auto unload feature to compensate for movement due to slippage or posture changes.
24. The unit should have choice of support vests accommodates all size patients and have universal support vest that accommodates chest sizes of 61 to 142 cm.
25. The unit should have international safety standards IEC 60601 -1; EMC to 60601-1-2.
26. Should have international safety standards USFDA / CE Certification.

### Schedule - III

#### BALANCE ANALYSER

The system should have following features:

1. Static and Dynamic balance system for assessment and fall conditioning.

2. High Resolution Color Touch-Screen LCD display size at least 15 inch based on windows operating systems with USB Port and Speakers.
3. Adjustable display height to accommodate each patients and supports USB keyboard in screens for entering text and numeric.
4. Visual Biofeedback in real time prompts patients into proper postural and balance control.
5. Six Training Modes and Six Testing Modes for sports medicine/ orthopedics.
6. Interactive Game-Like Balance Training - increases patient interaction and compliance.
7. Standardized Fall Screening and Athlete Knee Injury Screening Tests - simple, quick and accurate.
8. Twelve Levels of Platform Control as well as Static Force settings - allows testing, training and rehabilitation programs for diverse populations.
9. Balance Training for proprioception and stabilization exercise range of motion and weight shift exercises.
10. Objective Documentation -printed color reports track progress and document outcomes.
11. Patient Data Storage maintains records to track progress and issue reports for up to 1000 patients
12. Locking Surface - ensures safe 'on and off' patient movement.
13. Adjustable Support Handle- locks in place for safety or swings away for an unobstructed open environment allowing a variety of training activities.
14. The system should provides fast, accurate Fall Risk Assessment and Conditioning for older adults plus closed chain, weight-bearing assessment and training for lower extremity patients.
15. The system should be supplied with tactile based wireless vibration cueing sensor to sense the postural sway feedback for evaluation and treatment of vestibular disorders.
16. The system should help clinicians assess neuromuscular control by quantifying the ability to maintain dynamic bilateral and unilateral postural stability on a static or unstable surface by using any of four test protocols including fall risk, athletic single leg stability, limits of stability and postural stability.



17. The Balance System should also serve as a valuable training device to enhance kinesthetic abilities that may provide some degree of compensation for impaired proprioceptive reflex mechanisms following injury.
18. All test results and training sessions should be documented on easy-to-read reports which can be placed into the patient's file. Comparisons to normative data can be made for population-specific tests using the Fall Screening and Athlete Single Leg Stability protocols.
19. Support Rails: Adjustable from 25" to 35" above platform (66 to 91 cm), can swing away from platform when not in use.
20. Platform tilt 20° from horizontal in all directions.
21. Should be supplied with suitable color printer with printer stand.
22. Patient Capacity: 150-180 kg
23. CE conformity to EN 60601-1.
24. European CE and US FDA approved.
25. Power supply :220V-240V/ 50Hz

## Schedule – IV

### SENS BALANCE MINI BOARD

1. The unit should be useful for Static & Dynamic assessment and measure force, force distribution & movements of the patient.
2. The equipment should be suitable for upper and lower extremities training therapy.
3. Should be useful for presentation and checking of the active exertion of force by the upper extremities
4. Should be useful for performance of supporting activities, including with hemiplegia
5. Should be able to do presentation of weight distribution in bimanual supporting functional free sitting, symmetrical weight distribution and trunk and pelvis activities.
6. Should be able to check weight distribution during changing of position and during supporting leg phase and be useful for the improvement of active knee control,

weight transferral, development of muscular strength and coordination of lower extremities & postural musculature.

7. Software should have the interactive therapy games for coordination and should generate the reports with progress diagram including all data.
8. The system should have feature of connecting through blue tooth to computer for wire free use of the unit for lower limbs/upper limbs/core muscles and the unit should be supplied with the suitable configuration of the desktop computer for the full operation of the system.
9. System should have international safety standard i.e. European CE and US FDA

## Schedule – V

### COMPLETE CARDIOPULMONARY STRESS TESTING IN METABOLIC CART

Should measure both children and adults, from patients to athletes; collecting full breath-by-breath data.

#### **Parameters**

1.  $V'O_2$
2.  $V'CO_2$
3. RER
4.  $V'O_2/kg$
5.  $V'E$
6. BF
7.  $V_{T_{ex}}$  (Directly measured)
8.  $EqO_2$
9.  $EqCO_2$
10. BR FEV%
11. End tidal  $PO_2$  ( $P_{ETCO_2}$ ) (Directly measured)
12. End tidal  $PCO_2$  ( $P_{ETCO_2}$ ) (Directly measured)
13. REE: FAT, CHO, PROT
14.  $O_2$  and  $CO_2$  analyzers with calibration.

## Schedule – VI

### FINOMETER

Non-Invasive Blood Pressure System – Continuous finger blood pressure and cardiac output, stroke volume, and total peripheral resistance model flow estimates.

1. Wrist Unit and main Human NIBP Controller
2. Regular Cuff and Finger cuff.
3. Blood pressure accuracy: 1% of full scale (max. 3 mmHg)
4. Finger cuff pressure: 1% of full scale (max. 3 mmHg), Automatic zeroing, typically, 0.5 mmHg.
5. Height correction: 2% of full scale (max. 3 mmHg), Manual zeroing
6. Heart rate: (Rate (bpm) /60%), i.e., at 60 bpm, accuracy is  $\pm 1\%$
7. Interbeat interval: 5ms (peak, non-accumulating).

## Schedule – VII

### WHOLE BODY REACTION TIMER

1. Evaluation,of the movement of the athlete's body in four directions in response to an abrupt appearance of optical stimuli on a special table.
2. Recording of the reaction time and duration of movement per direction.
3. Reaction test software: Evaluation of the simple reaction time to an optical or sound stimuli as well as discrimination and choice reaction time.
4. Continuous attention software: Evaluation of reaction time in a state of attention, and the number of right answers.

## Schedule – VIII

### FOOT PRESSURE DISTRIBUTION MEASUREMENT SYSTEM

1. Should have platform system for analyzing: Gait, Foot function, Posture, Load Distribution, Equilibrium Feedback and Coordination training, static and dynamic force and pressure distribution under the feet/shoes.
2. Should have facility for comparative analyses: Barefoot - with shoes to evaluate influence of shoe and inlay sole on role-off behaviour and for calibration of all the sensors individually.
3. Should have Force measuring plate with 1504 capacitive force sensors arranged in a 32x47 cm matrix or more.
4. Should be USB based interface for connection with a standard PC or laptop.
5. Should have the sampling rate of 50-60 Hz in Dynamic mode, 25 Hz COP Mode, 1-3 Hz static mode, depending from loaded area.
6. Should have force range of 1-120 N/cm<sup>2</sup> or more

7. Should have calibrated force range of 1-80 N/cm<sup>2</sup>
8. Should have an accuracy of  $\pm 5\%$ .
9. Should have dimensions of:
  - a. Length - 690mm
  - b. Width - 404mm
  - c. Height - 20mm
10. Unit should have program software which runs under up to date windows operating system and 2D & 3D display of static & dynamic load distribution in left-right and back-front foot in percentage for direct comparison
11. The unit should have range of possibility of multi function measuring plate by load feedback and coordination training through use of games and have facility to show centre of gravity on the monitor screen as a function of time.

## Schedule – IX

### SPEED, JUMP, TURN ANALYZER MACHINE

FUNCTIONAL EVALUATION OF GAIT KINEMATICS INVOLVED IN THE SPORT MEDICINE INCLUDING Speed, Jump, Turn analysis.

- Functional Assessment of athletes aiming at monitoring and improving their performances
- User friendly device to generate the report automatically and supply immediate comparison with normal range results
- System should have various types of test for gait analysis viz walking test timed up and turning test
- System should have various types of test for sports analysis viz. Squat Jump Squat with weight bar, Counter Movement jump Repeated CMJ, CMJ with arms thrust and Drop Jump
- System should display following spatiotemporal parameters speed cadence, step stride length gait cycle duration stance duration swing duration, single and double support phase duration
- System should display following Time of flight, Jump height, Maximum concentric strength Maximum eccentric strength, Minimum concentric power Maximum

eccentric power, Concentric work, Eccentric work. Elasticity index, Bosco index  
Coordination index

- Systems use an inertial sensor connected to a computer via Bluetooth to determine spatio temporal parameter pelvic rotations and functional evaluation of kinematics involved in the sport movement
- System to be used around the waist by using an ergonomically designed belt System should have a analysis of speed, acceleration pattern and pelvic angles
- System should display the following pelvic griddle angle parameters vi anterior posterior rotations, ante-retroversion, lateral tilt
- The test result displayed in a complete analysis made of spatio-temporal parameters stride after stride, comparison between pre and post curve was patterns
- Should be supplied with complete software for the analysis of above spatio-temporal parameters, pelvic kinematics, functional evaluation of kinematics involved in the sport medicine
- Software should include normative data for all the acquired parameters.
- Other specification includes
  1. Sensor Typology: Tri axial accelerometer, Tri axial magnetometer, Tri-axial gyroscope
  2. Connectivity Bluetooth Frequency at least upto 175 Hz
  3. d Working real time
  4. d) Battery rechargeable via USB
  5. System should have international safety standards
  6. System should be upgradable in future through minimum 2 webcam for video recording
  7. Supplied with laptop with of suitable configuration and printer
- Lastly physical demonstration is required for technical evaluation.

## Schedule – X

### BICYCLE ERGO METER WITH CPET MEASUREMENT

1. Tidal volume (VT) (Directly measured)
2. Breathing frequency (BF) (Directly measured)
3. Inspired or expired oxygen concentrations (FIO<sub>2</sub>, FEO<sub>2</sub>) (Directly measured)

4. Inspired or expired  $\text{CO}_2$  concentrations ( $\text{FICO}_2$ ,  $\text{FECO}_2$ ) (Directly measured)
5. Workload (Watt, respectively speed and elevation) (Directly measured)
6. Heart rate (HR, Stress ECG) (Directly measured)
7. Oxygen saturation ( $\text{SpO}_2$ ) (Directly measured)
8. Respiratory minute ventilation ( $\text{V}'\text{E}$ )
9. Oxygen uptake ( $\text{V}'\text{O}_2$ )
10. Carbon dioxide production ( $\text{V}'\text{CO}_2$ )
11. Respiratory Exchange Ratio (RER)
12. Oxygen pulse ( $\text{O}_2$ -Pulse)
13. Breathing equivalent ( $\text{EqO}_2$ ,  $\text{EqCO}_2$ )
14. Dead space ventilation ( $\text{VD} / \text{VT}$ )
15. Breathing reserve (BR)
16. Heart Rate Reserve (HRR)
17. Ventilatory Threshold determination ( $\text{VT}_1$ ,  $\text{VT}_2$ ,  $\text{VT}_3$ )
18. Maximum oxygen uptake ( $\text{V}'\text{O}_{2\text{max}}$ )
19. Slope determination
20. Aerobic capacity ( $d\text{V}'\text{O}_2 / d\text{WR}$ )
21. Ventilatory efficiency ( $\text{V}'\text{E} (\text{V}'\text{CO}_2)$  slope)
22. Alveolar-arterial oxygen pressure difference ( $\text{P}(\text{A-a})\text{O}_2$ )
23. ECG: Display and data backup system with 1000 samples / sec
24. Electronically Braked Leg Cycle Ergometers - Electrically control resistance on cycle independent of pedal frequency.

## Schedule – XI

### EXERCISE PHYSIOLOGY MEASUREMENT & ANALYSIS SYSTEM

Measure & analyze the physiological effects of exercise. To record and display continuous real-time measurements of metabolic parameters such as  $\text{CO}_2$  and  $\text{O}_2$  concentrations, airflow, temperature of respired air, ECG or EMG.

Applications include:

1. Respiratory gas analysis
2. Pulmonary function analysis
3. Indirect calorimetry
4. Anaerobic threshold calculations

5. Temperature measurements
6. Bio Amp
7. Gas Analyzer
8. Gas Mixing Chamber
9. Spirometer
10. Thermistor Pod
11. Exercise Physiology Accessory Kit
12. Appropriate software platform that, includes the Metabolic Module for calculating metabolic parameters such as  $VCO_2$ ,  $VO_2$ , respiratory exchange ratio (RER) and minute ventilation etc.

## Schedule – XII

### EMG BIOFEEDBACK IN REHABILITATION

1. Integrated vacuum unit for combination & electrotherapy plus cavity electrode
2. Adjustable audio signal
3. Stimulation and relaxation mode
4. Cavity electrode for incontinence
5. One channel pressure feedback in mmHg
6. Independent electrotherapy channels for rehabilitation, muscle strengthening, pain management.
7. Should be supplied with complete range of probes for EMG feedback and electro stimulation and pressure feedback (Anal or Vaginal) probes; surface electrodes for EMG feedback, rubber or adhesive electrodes for electric stimulation
8. Should have facility for treatment by setting objectives (viz. Sequential and conventional programs)
9. Should have free memory.
10. Standard and Safety: US FDA or European CE or BIS approved product.

#### Note :- Documentation

- a. User / Technical / Maintenance manuals to be supplied in English.
  - b. Certificate of calibration and inspection. List of equipment available for providing calibration and routine Preventive Maintenance support as per manufacturer.
- Documentation in service / Technical manual.

c. List of important spare parts and accessories with their part number and costing. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist.

## Schedule – XIII

### a. MUSCULO SKELETAL USG

1. Frequency processing facility for THR transducer should be 5-12 mhz or better. This must be offered with independently selectable gain control in lateral position
2. Triplex imaging should be standarder on the system.
3. Machine with MSK machine 3 probe :i) Hockey Stick (ii). Linear (iii).ECHO probe
4. System must be offered with acquisition fram rate of at least 1000 frames/sec.
5. System must be offered with cine loop review facility. Should be able to acquire and display upto 1000 frame 2d and color image for restropective review and image selection.
6. Storage- should have direct connectivity to inject printer for printing image and reports.
7. Archive- should have facility transferred to integrated cd writer.
8. Full function measurement facility and calculation should be possible.
9. System must be offered with user friendly high resolution user interface touch panel or intuitive keyboard. System must be offered with tissue harmonic imaging system.
10. Transducers - 4-12 MHz linear array transducer for vascular, Small parts imaging.(e) all probes should have tissue harmonic imaging.
11. Should have European CE / US FDA certificate

### b. MUSCULOSKELETAL USG

1. Frequency processing facility for THR transducer should be 5-12 mhz or better. This must be offered with independently selectable gain control in lateral position
2. Triplex imaging should be standarder on the system.
3. Machine for MSK intervention with Linear probe along with biopsy attachment.
4. System must be offered with acquisition frame rate of at least 1000 frames/sec.
5. System must be offered with cine loop review facility. Should be able to acquire and



display upto 1000 frame 2d and color image for retrospective review and image selection.

6. Storage- should have direct connectivity to inject printer for printing image and reports.
7. Archive- should have facility transferred to integrated CD writer.
8. Full function measurement facility and calculation should be possible.
9. System must be offered with user friendly high resolution user interface touch panel or intuitive keyboard.

System must be offered with tissue harmonic imaging system.

10. Transducers - 4-12 MHz linear array transducer for vascular, Small parts imaging.(e) all probes should have tissue harmonic imaging
11. Should have European CE / US FDA certificate

### Schedule – XIV Extremity MRI Machine

Sl.No	Specification OF Extremity MRI for department of Sports medicine
A	<b>Magnet</b>
1	It should be compact Open Permanent extremity in Office suite type for doing MSK Extremity MRI of hand knee and foot
2.	It should be light weight less than 2 tonne
3.	Field strength of atleast 0.31 tesla or more
4.	High resolution with minimal ambient noise
5.	Negligible fringe field to avoid interference with other equipments
6.	The magnet gantry features should have following features : -Self centering RF coil positioning system -Coil auto recognition -Optimizing image quality -LCD monitor on the magnet -Capability of efficient patient positioning.
B	<b>Operating features :</b>
7.	System should not consume more than 2 KVA electric power and should be plug and play
8.	MRI system should have inbuilt virtual private network capability
9.	System should have horizontal field orientation to perform MRI in sitting position
10.	System operation should be free of consumable gas
11.	System should be able to do on MRI on patients with casts and joint implants and avoid the magic angle artefacts on the ACL.
12.	It should have a built in software for contrast reuptake facility
13.	System should offer Gradient Strength of at least 15mT/m, Gradient Rise Time

	from -20mT to 20mT of the magnet should be less than 1 msec and Gradient Slew Rate of at least 40mT/m/ms
14.	MRI should be offered with Image display system with full features and user friendly interface.
15	The office MRI equipment should be a one room installation inclusive of RF cage with magnet, console, operator, complete installation should be done in less than 12sqm.
<b>C</b>	<b>Coils:</b>
16.	The system should have following coils ; _Dual Phased Array RF Coils with integrated amplifiers. -Hand/Wrist Coil, Ankle Coil: -Knee Coil : with Dynamic MRI mechanism
17.	Sequences : The system should have the following Imaging Sequences : Pulse Sequences : Spin Echo(SE), Half Spin Echo (HSE), Half Fourier (HFE), Gradient Echo(GE), 2D Gradient Echo, Multiple Spin Echo(ME), Inversion Recovery(IR), STIR, STIR T2(for bone edema), Gradient Echo STIR (GESTIR), Turbo Spin Echo(TSE), Turbo Multiple Echo(TME), FSE STIRFSE(T1) FSE(T2)(Fat and Water separation), Turbo 3DT13D SHARC3D SST13DSST2.
18 D	<b>RF shielding:</b> The unit should have internal RF shielding design , dedicated RF room with with RF cage of atleast 90 db.

<b>E</b>	It should have the <b>following accessories</b>
	<b>Site Installation requisites to be taken care by the supplier</b>
20	The following items, accessories & facilities will be installed or provided out alongwith Office MRI :- (a) Preparation of MRI Room (Suite) (i) <b>Floor.</b> Smoothing of floor and roof (ii) <b>Floor Cable Trenches.</b> Floor cable trenches with block board &/or wooden covers will be provided for the cables in the office MRI suite. (iii) <b>Walls.</b> The Walls will be plastered with cement and will be completely smoothed (iv) <b>Audio Call Bell System.</b> Audio call bell system with intercom at the entrance. (v) <b>Door &amp; Window.</b> Door/window which should have adequate locking mechanisms. (vi) <b>Ceiling.</b> Waterproofing of the room is to be done for office MRI room (vii) <b>warning sign board</b> for patient entry in to magnetic room.
<b>F</b>	<b>ELECTRICAL SERVICES</b>
21.	(a) <b>UPS.</b> Atleast 5 KVA UPS with 30 mins back up. (b) <b>Wiring &amp; MCB.</b> Wiring (Copper), modular switches & sockets plugs

	<p>MCBs etc are to be of reputed</p> <p>(c) <b>Dedicated isolated Copper Earthing.</b> Dedicated isolated Copper earthing is to be provided for the MRI equipment.</p> <p>(d) Electricity supply from the main board.</p> <p>(e) 2 Split AC of at least 1.5 ton tonne each (5 star energy rating)</p>
H	<b>Post installation technical support and service</b>
22	<p>Comprehensive Maintenance Contract equipment and all accessories for 5 years</p> <p>Facility for software up gradations free of cost during CMC period technical support within 24 hrs.</p> <p>During AMC period all breakdown must be attended with in 24 hrs of the complained registered</p> <p><b>Down Time:</b> Maximum down time of the equipment should be 5% or less excluding holidays.</p>
23.	The equipment should be CE or FDA approved.

### 3. STANDARD REQUIREMENTS

The following requirements with regard to inspection, quality, packing, warranty, maintenance and related services shall commonly apply to all the goods in all the Schedules:

#### i. QUALITY CERTIFICATION

Where ever appearing in the bid document, the “CE certificate” shall be read as: “CE mark for *conformité européenne*, (French for "European conformity").

#### ii. WARRANTY

Unless specified otherwise, warranty shall always be for a period of one (1) year from the date of acceptance after commissioning of the goods. During warranty, cost and responsibility of the transport/shifting of the equipment, in case so required for repair, etc, shall be entirely borne by the Supplier, without any liability on the consignee. In case of such shifting of equipment, alternative working equipment shall be first made available to the consignee to avoid any disruption in the clinical work

#### iii. MAINTENANCE


- a. CMC shall be as per the specification after the expiry of warranty, unless specified otherwise.
- b. During CMC, cost and responsibility of the transport/shifting of the equipment, in case so required for repair, etc, shall be entirely borne by the Supplier, without any liability on the consignee. In case of such shifting of equipment, alternative working equipment shall be first made available to the consignee to avoid any disruption in the clinical work.
- c. Subject to (b) above, CMC services shall be provided at the site of the equipment, within the prescribed response time.

#### iv. Labelling & Packing

The equipment should have a sticker on it with the following information:

- a. Procured by: WBMSCL Ltd.
- b. Serial Number:
- c. PMS Done:
- d. PMS Due:
- e. Toll Free No.:
- f. Mobile No.:
- g. Email:
- h. Facility Asset No.:
- i. Warranty upto:
- j. CMC Starts on:
- k. CMC Valid upto:
- l. Approved CMC Rate per annum:
- m. Service Engineer Contact detail:

Standard format of sticker is attached here (N.B: Bidders are advised to approve the final format after discussion with WBMSCL officials)

		<b>Procured by :</b> <b>West Bengal Medical Services Corporation</b> <b>Limited</b> <b>(WBMSCL)</b>	
<b>Reference No. :</b>			
Machine Serial No. :		Facility Asset No. :	
Warranty (Xyrs) upto :		Approved CMC Rate:	per annum
CMC starts on :		CMC valid upto :	
Last PMS on :		Next PMS due on :	
Complaint logging at :	✉: abc@abc.com,	☎: (0XX) XXXX XXXX / XXXX XXXX	
Service Engineer :	Mr. XYZ,	✉: abc@abc.com,	☎: 09XXXXXXXXXX
Service Manager :	Mr. XYZ,	✉: abc@abc.com,	☎: 09XXXXXXXXXX

#### 4. LIST OF RELATED SERVICES

##### i) Incidental Services

The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) Performance or supervision of the assembly, installation and/or start-up of the supplied equipments
- (b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods along with each equipment
- (c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied equipments at the time of delivery
- (d) Successful tenderer shall be required to give an undertaking that suitable trained service engineers shall be posted at three places of West Bengal for providing prompt, effective and preventive maintenance during the period of warranty as defined as well as CMC period.
- (e) The Comprehensive maintenance Contract (Including Spare Parts)
  - (i) The Purchaser/ Consignees/ Government of WB, may, at his own and sole discretion enter into a Comprehensive Maintenance Contract (CMC) with the Supplier at the contracted price.
  - (ii) The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service operational manual, but at least once in three months during the CMC period for preventive maintenance.

- (f) Training of the Purchaser's personnel, on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Good. This must be carried out at the time of commissioning of Equipment.

**ii) Availability of Spare parts**

Suppliers shall ensure the availability of spare parts for 10 (ten) years. Inventory of the Spare parts required for 8 years.

## **5. Inspections and Tests**

- a) The Vendor shall get the Goods inspected in the manufacturer's works by a competent authority and submit a test certificate and also a guarantee/warranty certificate that the Goods conform to laid down specifications.
- b) WBMSCL or its representative may inspect and/or test any or all item of the Goods to confirm their conformity to the Contract, prior to dispatch from the manufacturer's premises or at the port of entry.

## Section V. Bidding Forms

# FORM 1

## Tender Form

(To be furnished on non-judicial stamp-paper of Rs. 100/-, affirmed before a First Class Magistrate/ Notary/ Executive Magistrate)

(All the bidders have prepare and submit Form 1)

Date: .....

Bid Reference No.: \_\_\_\_\_, Schedule- \_\_\_\_\_

**Name of Contract:** Supply and Commissioning of *[Name of the equipment]* for Hospital of the Govt. of West Bengal

To  
Managing Director,  
West Bengal Medical Services Corporation Ltd,  
Swasthya Sathi,  
GN- 29, Sector – V, Salt Lake,  
Kolkata - 700 091

Sir,

I/We, the undersigned hereby accept all the terms and conditions of the Bid Reference No.: **WBMSCL/NIT- 383/2021, Schedule-....., Dated -25.11.2021** and its Amendments and Addendum thereto are read and accepted without any modification or condition(s). We now offer to Supply and Commissioning of Medical Equipments for *[Name of the equipment]* for Hospital of the Govt. of West Bengal in conformity with your above referred document.

We also

1. certify that:

- a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders.
- b) The offered products are in accordance with the required specifications and technical requirements
- c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of 120 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents. However, the prices quoted by us and accepted by WBMSCL shall hold good and remain valid for a period of **2(two)** year from the date of signing of the contract and no additional claims will be



made on account of any price variation or fluctuation in market rates. The rate quoted shall remain binding upon us and may be accepted at any time before the expiration of **2(two)** year.

- d) If our bid is accepted, we will submit a performance security within 14 (fourteen) days of issuance of Award of Contract (AOC) in the prescribed format as given in the bid document.
- e) Our company has been incorporated in accordance with the laws of \_\_\_\_\_ (*insert name of country of incorporation*) and governed by them.
- f) Our Company have commissioned \_\_\_\_\_ nos. of the offered model and providing necessary service support to the equipments.
- g) We have never been blacklisted by any Government Department/ Agency in India during the last 5 years.
- h) There is no adverse report against the equipment offered by us in any Government Department / Agency in India.
- i) We will permit WBMSCL or its representative to inspect our accounts and records and other documents relating to the bid submission.
- j) All the statements made in the attached documents are true and correct. In case of any information submitted proved to be false or concealed, penalties shall be imposed in terms of the bid document.
- k) We, if selected in the tender, will arrange to maintain 97% service up time i.e. a minimum of 354 days out of 365 days in a year of the offered equipment [*name the equipment*] during the warranty & CMC period.
- l) The time for rectification of the equipment will not be more than 48 hours from the time of the complaint is lodged.
- m) In case the defective equipment is not put back to use beyond 72 hours, we will install alternative equipment for providing uninterrupted service.
- n) The penalty for beyond 72 hours downtime & if standby unit is not provided, will be borne by us in terms of Clause 8. Service Up time in Warranty & CMC mentioned in A. Important information at a glance Under Section I: Instructions to Tenderers of the bid document.

2. understand that:

- (i) Partial or incomplete bid submission will lead to cancellation of our bid.
- (ii) The tender inviting and accepting authority can vary quantity up to 40% (forty percent) above or 40% (forty percent) below the required quantity under this tender.
- (iii) The tender inviting and accepting authority reserves the right to reject any application without assigning any reason.

**Enclose:**

- 1. Non Statutory Documents/ My Documents
- 2. Statutory Documents (Bid A & Bid B)
- 3. Forms & Annexure duly filled up, signed & notarized (where applicable)

Name.....

In the capacity of.....

Signed .....

Duly authorized to sign the Bid for and on behalf of (if applicable).....

Date.....

## Form 2: CHECK-LIST

[Please fill in and include with your Bid]

**Note 1:** It is essential that all documents in hard copy are to be placed before the Committee and arranged in the same sequence as given in the Check List. All the documents should be appropriately flagged.

**Note 2:** If any document is written in any language other than English, an English translation of the document duly authenticated is to be submitted.

**Note 3:** The documents listed at Sl. No. 1,2,3,5,7 & 9 must be submitted online during online bid submission or else the bid would be liable to be summarily rejected.

**Note 4:** After opening of the technical bids, if it is found that any of the documents required to be submitted with the bids is wanting, WBMSCL shall reserve the right to allow late submission of such document at its discretion within a specified time limit.

Non statutory documents to be submitted under My Document				
Sl. No.	Activity	Yes/No/NA	Page No in the Bid	Remark
1	PAN Card			
2	15 – digit Goods and Services Taxpayer Identification Number (GSTIN)			
3	License from Government/ Statutory Authority as applicable OR Registration with the Registrar Of Companies, if applicable.			
4	Manufacturing Licence (National/International). (In case, manufacturing licence is not required / applicable for production of the quoted item, notarized declaration from the manufacturer is to be submitted)			
5	Performance Statement Form (For the period of last three calendar years ending December 2019 ) - Form 6 of Section V Should be supported with documentary evidence (copy of work orders along with proof of payment received / installation certificate) that the bidder have supplied Medical equipment in Hospitals in India during the last 3 (three) Financial Years (FY)			
6	ISO certificate of the manufacturing factory			
7	Income Tax returns for assessment year (2016-17, 2017-18 & 2018-19) or (2017-18, 2018-19 & 2019-20)			
8	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- for, Acceptance of Terms and Conditions of NIT and its Amendments and Addendums thereto. (As per Form 1 of Section V).  Note: Technical evaluation of the bid will be taken up only after scrutiny of Form 1 (NIT Acceptance Form) duly notarized.			
9	Manufacturer’s Authorization (If applicable) as per Form no. 5 of Section V			
10	List of installations & commissioning in India of offered			

	model. (self declaration)			
11	Satisfactory Performance Certificate from at least 3 (three) users of the quoted model/similar model in support of the satisfactory operation in India			
12	P/L & Balance sheet 2017-2018			
13	P/L & Balance sheet 2018-2019			
14	P/L & Balance sheet 2019-2020			
<b>BID - A</b>				
Sl. No.	Activity	Yes/No /NA	Page No in the Bid	Remark
14	Earnest Money Deposit (EMD) (Copy of receipt of online submission of EMD) and in the form of Bank Guarantee (BG)			
15	Declaration of the bidder on letter head that "We agree to submit a copy of the Tender Documents and its Amendments and Addendums thereto duly initialled by us in all pages with our seal/ rubber stamp affixed thereto, in token of acceptance thereof."			
<b>BID - B</b>				
Sl. No.	Activity	Yes/No/N A	Page No in the Bid	Remark
16	Model of the equipment offered for (Self Declaration) with Technical Data Sheet			
17	Comparative Data Table of the Technical Specifications (Form No. 4 of Section V)			
18	2 sets of Brochure of the offered product / model.			
19	CE ("Conformite Europeene") from European Union notified body having 4 digit identification number/ US FDA (as applicable) CE ("Conformité Européene") Certificate should be from EU Notified Bodies authorized to conduct audits			
20	Self declaration by the Tenderer for agreeing that WBMSCCL will do Quality Check by Third Party Agency, If required			
21	Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCCL or his representative, if inspection is considered necessary.			
22	Pre-requisites of installation [Power (KVA, Phase, Hz) and any other requirement, if any]			
23	Average Annual Turnover of the Company in medical equipment division during the last 3 Financial Years (2016-17, 2017-18, 2018-19 or 2017-18, 2018-19 & 2019-20) (in INR) - to be certified by practicing Chartered Accountant as per format given in <b>FORM 9</b>			
24	<b>Form 10:</b> Declaration of Quality Certification of Equipment (as applicable)			

# Form 3a: Consignee Receipt Certificate (CRC)

(To be issued by consignee's authorized representative)



[The consignee may issue an additional challan receipt if delivered by courier or transporter]

Date of supply by the Company Person or Courier:	
Name and Address of the Consignee:	
Name of the item supplied (with Make & Model & Model No.):	
Purchase Order / Contract No.:	
Name of the Supplier:	
No. of Units supplied:	
Place of destination (The dept. where the equipment will be actually installed):	
Invoice No. & Date:	
Details of Batch / Serial Numbers, if any of item supplied:	
<p>.....                  (Signature &amp; Office Seal of authorized representative of Consignees with date )                  [Name and designation of the signatory to be written capital letter]</p>	
<p>.....                  (Signature &amp; Office Seal of Head of the Institute / Hospital with date )                  [Name and designation of the signatory to be written capital letter]</p>	

# Form 3b: Satisfactory Installation Certificate (SIC)



(To be issued by the consignee after successful commissioning of equipment)

Bid Reference :

Award of Contract Reference :

Description of Equipment/Service :

Date of Commissioning :

This is to certify that the equipment(s) as detailed below has/have been received in good condition along with all the standard and special accessories, consumables, set of spares in accordance with the contract/technical specification of the equipment and site preparation including interiors as per bid document.

### Details of equipment, accessories, consumables, spares, etc.

Sl	Description	Quantity	Serial No. / Part No.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

*In case of space deficiency, another sheet with the same format can be annexed.*

The supplier has also submitted the following,

1. Tools for maintenance
2. Detailed operation and maintenance manual both in hard and soft copy for each item of supply at each location

The proving test has been done to our entire satisfaction. The equipments, its accessories and ancillaries of the site preparation including interiors is functioning satisfactorily and faultlessly

#### Declaration by Unit Head (HOD/MO-IC/Others):

Sticker designed by WBMSCL is fitted with the equipment Yes  No

Signature with stamp:

Name (in Block) :

Designation :

P.T.O. →

The following operators/ end users have been trained to operate the equipment(s),

Sl	Name	Designation	Contact No	E-mail ID (In CAPS)	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

*In case of space deficiency, another sheet with the same format can be annexed.*

<b>Countersigned by the head of the institute/ hospital:</b>	
Signature	_____
Name	_____
Designation with Stamp	_____
Date	_____
Phone No	_____

Signature of Unit Head:  
(HOD/MO-IC/Others)

Name (in Block):

Designation with Stamp:

## Form 4: TECHNICAL SPECIFICATION FORM (Technical Compliance Statement)

Tenderers must complete the right column of the below table and the compliance confirmation statement as included in Section IV, Schedule of Requirements; Technical Specifications.

Schedule No. : .....  
.....

Equipment: .....

Offered Model:

<i>Sl</i>	<i>WBMSCL's minimum Technical Requirements</i>	<i>Technical Compliance</i>	<i>Remarks</i>
1			
2			
3			
4			
5			
6			
7			

THE OFFERED PRODUCTS ARE IN ACCORDANCE WITH THE REQUIRED SPECIFICATIONS AND TECHNICAL REQUIREMENTS:

YES

NO

ANY DEVIATIONS MUST BE LISTED BELOW:

---



## Form 5: MANUFACTURER'S AUTHORIZATION FORM

*[The Tenderer shall require the Manufacturer to fill in this Form in accordance with the instructions in the bid document. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacture. Such certificate is not required where Manufacturer is the Tenderer.]*

Date:  
NIT No.:

To:  
MD, WBMSCL

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Tenderer]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]* and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the General Conditions for Goods, with respect to the Goods offered by the above firm.

Authorised Signatory of the  
Manufacturer \_\_\_\_\_  
Name \_\_\_\_\_  
\_\_\_\_\_  
Designation with  
stamp \_\_\_\_\_  
Date \_\_\_\_\_  
\_\_\_\_\_

## Form 6: PERFORMANCE STATEMENT FORM

(For the period of last three years, if applicable)

Bid no: \_\_\_\_\_  
 Opening: \_\_\_\_\_

Date of \_\_\_\_\_

Name of the Firm \_\_\_\_\_

Order placed by (Full address of purchaser)	Order no & date	Description & quantity of ordered items	Value of Order	Date of completion of Delivery		Remarks indicating reasons of late delivery, if any	Was the supplies of goods satisfactory
				As per Contract	Actual		

Signature and seal of the Tenderer

\_\_\_\_\_

Countersigned by and seal of Chartered Accountant

\_\_\_\_\_

\_\_\_\_\_

## Form 7: Statement of Breakup of Duties and Taxes

Sl. No.	Particulars	Percentage	Price (In INR)
1	Basic Price of equipment including value of goods, accessories & ancillaries, freight charges, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable excluding GST		
2	GST		
<b>Gross Price</b>			

### Form 8(a): PRICES FOR CONSUMABLES FOR EACH SCHEDULE

Sl. No	Items	Basic Price of 1(one) number in INR excluding GST
1		
2		
3		
4		

NOTE: The Tenderers should furnish the price of all the Consumables of the offered model in a separate sheet. If any Tenderer do not submit the price of any of the consumables, it will be presumed that those Consumables shall be supplied FREE OF COST by the Tenderer during Warranty & CMC period.

### Form 8(b): PRICES FOR SPARES FOR EACH SCHEDULE

Sl. No	Items	Basic Price of 1(one) number in INR excluding GST
1		
2		
3		

## Form 9: TURNOVER CERTIFICATE

I certify that Average Annual Turnover of *(insert the name of the company)* in India in medical equipment division during the last 3 Financial Years (2016-17, 2017-18, 2018-19 or 2017-18, 2018-19 & 2019-20) is Rs. .... as per the Audited Accounts of the Organization.

Signature and seal of Chartered Accountant with MRN

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# Form 10: DECLARATION OF QUALITY CERTIFICATION OF EQUIPMENT

(To Be Notarised)

## AFFIDAVIT

I am the authorised signatory of \_\_\_\_\_, (name of Company) and in the context of supply and/ or installation of the \_\_\_\_\_ (Name of the Equipment, Name of the offered model) which is an (name of class) solemnly affirm and declare as follows:

1. That the device is in conformity with the requirements of the medical devices directive 93/42/EEC which apply to it.
2. That the above mentioned model of (Name of the Equipment) is CE (European Conformity) approved.
3. That the vendor company and /or supplier on whose behalf I am the authorised signatory admit the responsibility on the subject relating to the standard and safety of the equipment.
4. That the original copy/ photo copy of the CE certification of the offered model is enclosed and / or shall be subject to inspection on demand.
5. That the statements made in the above paragraphs are true to my knowledge and belief.

DEPONENT"

## Form 11: BID SECURITY (BANK GUARANTEE) FORM

*[Insert: No Bid Security is requested or The Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]*

\_\_\_\_\_  
*[Bank's Name and Address of Issuing Branch or Office]*

**Beneficiary:** \_\_\_\_\_ *[Name and Address of WBMSCL]*

**Date:** \_\_\_\_\_

**BID GUARANTEE No.:** \_\_\_\_\_

We have been informed that *[name of the Tenderer]* (hereinafter called "the Tenderer") has submitted to you its bid dated (hereinafter called "the Bid") for the execution of *[name of contract]* under Invitation to Bid No. *[NIT number]* ("the NIT").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Tenderer, we *[name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[amount in figures]* (*[amount in words]*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Tenderer is in breach of its obligation(s) under the bid conditions, because the Tenderer:

- (a) has withdrawn its Bid during the period of bid validity specified by the Tenderer in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by WBMSCL during the period of bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the performance security, if required, in accordance with the Instructions to Tenderers.

This guarantee will expire: (a) if the Tenderer is the successful Tenderer, upon our receipt of copies of the contract signed by the Tenderer and the performance security issued to you upon the instruction of the Tenderer; or (b) if the Tenderer is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of your notification to the Tenderer of the name of the successful Tenderer; or (ii) twenty-eight days after the expiration of the Tenderer's Bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458.

\_\_\_\_\_  
*[Signature]*

## Section VI. Contract Forms



## Form 1: Performance Security

*[Insert: No Performance Security shall be requested or the bank, as requested by the successful Tenderer, shall fill in this form in accordance with the instructions indicated]*

Date: *[insert date (as day, month and year) of Bid Submission]*  
NIT No. and title: *[insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

**Beneficiary:** *[insert legal name and address of WBMSCL]*

**PERFORMANCE GUARANTEE No.:** *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)<sup>1</sup> in figures and words]* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,<sup>2</sup> and any demand for payment under it must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded.

*[signatures of authorized representatives of the bank and the Supplier]*

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<sup>1</sup> The Bank shall insert the amount(s) specified in the SCG and denominated, as specified in the SCG, either in the currency(ies) of the Contract or a freely convertible currency acceptable to WBMSCL.

<sup>2</sup> Dates established in accordance with Clause 12 of the General Conditions of Contract ("GCG"). WBMSCL should note that in the event of an extension of the time to perform the Contract, WBMSCL would need to request an extension of this Guarantee from the Bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, WBMSCL might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months] [one year], in response to WBMSCL's written request for such extension, such request to be presented to us before the expiry of the Guarantee."