

HSCC I LTD

Dated : 24.01.2023

Call for Objection Notice

Reference : Annexure 6 Proprietary Article Certificate

Subject: "Call for Objection" against Procurement of **High Speed Functional assessment and training device for Lower Extremity** for Expansion of Sports Injury Center New Delhi. Where OEM is M/s. Fast Twitch Sports Software Pvt. Ltd. (Formally TEKS Australia) 36 Gulf Point Dr. North Haven 5th Australia 5018, under proprietary article certificate.

High Speed Functional assessment and training device for Lower Extremity is intended to be procured on proprietary article basis as per provision of GFR 2017, directly from M/s Pukhya Healthcare B-3, Aditya Trade Tower, Plot No. 4 Local Shopping Center O&P Pocket, Dilshad Garden Delhi an authorized dealer/distributor/agent of M/s. Fast Twitch Sports Software Pvt. Ltd. (Formally TEKS Australia), against their proposal submitted and by accepting that M/s. Fast Twitch Sports Software Pvt. Ltd. (Formally TEKS Australia) 36 Gulf Point Dr. North Haven 5th Australia 5018 are the sole manufacturer/supplier of item which satisfies all requirements of being a proprietary item.

Relevant documents are published on Institute's website & CPP Portal for inviting objection(s)/claim(s)/comment(s), if any, from eligible manufacturer/supplier, before accepting the claim of earlier said manufacturer and accordingly making procurement under proprietary article.

Objections(s)/claim(s)/comment(s) should be sent to the office of GM Procurement HSCC (I) LTD in a sealed envelope with above mentioned subject & reference number, or by e-mail at proc@hsccltd.co.in and hscsic9@gmail.com within 15 days from the date of publication of this notice i.e on before 06/02/2023 up to 05:00PM.

After due date, it will be assumed that no manufacturer/supplier has any objection/claim against above said equipment article & same will be consider as proprietary article.

Pawan Kumar Bhatia
GM, (Projects)
HSCC(I)Ltd.

Encl: Related Documents:

4. PAC Certificate by Manufacturer
5. PAC Certificate by Department
6. Technical Specification



Annexure 6: Proprietary article certificate
(Refer Para 4.6.1)

Valid for the Current Financial Year

1	Description of article	High Speed Functional Assessment and Training Device for Lower Extremity
2	Forecast of quantity/annual requirement	3 stations
3	Approximate estimated value for above quantity	USD 233650.00
4	Maker's name and address	M/S Fast Twitch Sports Software Pty. Ltd. (Formerly TEKS Australia), 36 Gull Point Dr. North Haven, NSW Australia 5018 Tel: +61 4099773509, Email: alan@fasttwitchsports.com, Web: www.fasttwitchsports.com
5	Name(s) of authorised dealers/stockists	M/S Pukhya Healthcare, B-3, Aditya Trade Tower, Plot No 4 Local Shopping Center, O&P Pocket, Dilshad Garden, Delhi, India - 110095
6	I approve the above purchase on PAC basis and certify that - Note: Tick to retain only one out of (b), (c-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.	
6(a)	This is the only firm who is manufacturing/stocking this item AND	<input checked="" type="checkbox"/>
6(b)	A similar article is not manufactured/sold by any other firm, which could be used in lieu OR	<input checked="" type="checkbox"/>
6(c)	No other make/brand will be suitable for following tangible reasons (like OEM/warranty spares) OR	<input checked="" type="checkbox"/>
6(d)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources): OR	<input checked="" type="checkbox"/>
7	Reference of concurrence of finance wing to the proposal:	

History of PAC purchases of this item for past three years may be given below

Name of the Supplier	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
11/10/2018/ES/GYM EQPT/2018-20/88 011/267/344 Dated 27/09/2018	3 STATIONS	13144500/-	NIL

Signature of Approving Authority: *[Signature]*
 Designation of Officer: *[Signature]*
 Date: *[Signature]*
 (CO. SECY) (CO. SECY) (CO. SECY) (CO. SECY)

PROPRIETARY ARTICLE CERTIFICATE

Dated: 01-07-2022

TO WHOM IT MAY CONCERN

Dear Sir/Madam,

We M/s Fast Twitch Sports Software Pty. Ltd. (Formally TEKS Australia), 36 Gulf Point Dr. North Haven, Sth Australia 5018 Tel: +61 409773500, Email: alan@fasttwitchsports.com, Web: www.fasttwitchisokinetics.com hereby confirm that we are the sole manufacturer of the High Speed Functional Assessment and training devise for Lower Extremity and High Speed Functional Assessment and Training Devise for Upper Extremity Such as:-

- High Speed Functional Assessment and Training Devise Ankle Machine
- High Speed Functional Assessment and Training Devise Glute/Hamstring Running Machine
- High Speed Functional Assessment and Training Devise Hip Machine
- High Speed Functional Assessment and Training Devise Knee Machine
- High Speed Functional Assessment and Training Devise Squat Machine
- High Speed Functional Assessment and Training Devise Single Station Multi-Function Rotary Shoulder Machine
- High Speed Functional Assessment and Training Devise Torso Machine
- High Speed Functional Assessment and Training Devise Bench Press/ Pull Machine
- High Speed Functional Assessment and Training Devise Dead Lift Machine
- High Speed Functional Assessment and Training Devise Hip Trunk
- Transformer Training and Assessment System

is the patented and proprietary products. No other company in the world manufacturer the similar or equivalent system.

Thanking you

Yours faithfully



F FAST TWITCH SPORTS
SOFTWARE

M/s Fast Twitch Sports Software Pty. Ltd.
(Formally TEKS Australia)



ATTESTED



NOTARY PUBLIC
DELHI (INDIA)

08

2022

HI-SPEED FUNCTIONAL ASSESSEMENT AND TRAINING DEVICE FOR LOWER EXTREMITIES

DPR Item No: 42

Cost per Equipment: ₹ 150,00,000/-

No of Units: 1

Total cost: ₹ 150,00,000/- (As in DPR)

This unit consists of

- A. Ankle Machine (1 no.)
- B. Runner's Training Machine – Glutes and Hamstring (1 no.)
- C. Hip Machine (1 no.)
- D. Knee Machine (1 no.)
- E. Squat Machine (1 no.)

A- Hi speed Functional assessment and training device - Ankle Machine

ANKLE MACHINE

1. System should have facilities for testing /evaluation of muscle groups of Ankle and can be programmed as per training requirements of the user's/ athlete's Muscle groups in the Ankle (customized). Provision should be there so that real time performance of the muscle groups of Ankle joint can be seen on the digital display showing Peak Torque, ROM (range of motion) and Max Speed and Torque.
2. System should have multiple exercise mode options to accommodate different needs and requirements of different level of athletes /individuals.
3. System should also have provision for Variable Speed Mode, Variable Load Mode and personalized training mode.
4. System should have facilities to program variable resistance for Dorsi flexion and Plantar flexion, Eversion and Inversion. It should have provision to work speed control or independent.
5. System should be supplied with following features: Rotary motion hydraulic resistance system, variable resistance valve technology, computer managed rehabilitation system (CMRS).
6. Should Have Touch screen based PC Advanced Hi Speed Ankle Isokinetic unit with performance Bio Feedback system, Variable Speed Control, Variable resistance control.
7. System should be capable of generating following reports i.e. Strength Report, Torque

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- "JANAL" (signature)
- "C.M. EICH" (signature)
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Report, Endurance Report Power Report, Range of Motion Report and Comparison Report.

B- Hi speed Functional assessment and training devise Glutes/ Hamstring Runner's Training Machine

RUNNER'S TRAINING MACHINE (GLUTES & HAMSTRING)

1. System should have provision for testing/evaluation of various muscle group testing and capable of being programmed as per training requirements of the muscle groups (customized) Real time performance of the muscle should on the digital display, showing peak torque, ROM and max speed and torque
2. System should have versatile exercise mode to accommodate different need and requirement of different individuals
3. System should have Multiple Exercise Modes, Variable speed mode, Variable Load Mode and Personalized Training Mode
4. System should have facilities to program variable resistance for flexion and extension with respect to Running, Hiking & Strides
5. Should also have provision to for variable work speed control or independent of it.
6. System should have features like Two (2) x Rotary motion hydraulic resistance system for training of Glutes either independent of each other or simultaneously, Servo valve technology, computer managed rehabilitation system (CMRS).

Technical Specification

1. Rotary Motion Hydraulic Resistance System
2. Computer Managed Training System
3. Heavy duty Frame and Handle bar
4. Adjustable support pads
5. Height adjustable motor
6. Unilateral and Bilateral Exercise system
7. Variable Speed Control in a range from 5 degrees/sec to 800 degrees/sec
8. Should have Touch screen based PC Advanced Hi Speed Isokinetic glutes and hamstring unit with performance Bio Feedback system, Variable Speed Control Variable resistance control.
9. System should be capable of generating following reports: Strength Report, Torque Report,

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Endurance Report Power Report Range of Motion Report Comparison Report

C- Hi speed Functional assessment and training device For Hip

HIP MACHINE

1. System should have provision for testing / evaluation of various muscle groups of Hip and can be programmed as per training requirements of the muscle groups(customized) of various athletes. Real time performance of the muscle should be seen on the digital display showing peak torque, ROM and max speed and torque.
2. System should have versatile exercise modes to accommodate different need and requirement of different individual athletes.
3. System should have provision for multiple exercise modes, Variable speed mode, Variable Load Mode and personalized training mode.
4. System should have facilities to program variable resistance for Hip flexion and extension, Hip abduction, /abduction, Hip Internal & external rotation and should also have provision for work speed control or independent.
5. System should be supplied with following features Rotary motion hydraulic resistance system, Servo valve technology, computer managed rehabilitation system (CMRS).

Technical Specification

1. Rotary Motion Hydraulic Resistance System
2. Computer Managed Training System
3. Heavy duty Frame and Handle bar
4. Height adjustable motor
5. Adjustable thigh rollers
6. Variable Speed Control (10deg/sec - 800 deg/sec)
7. Should have Touch screen based P/C along with Advanced Hi Speed Hip Isokinetic unit with performance Bio Feedback system Variable Speed Control.
8. System should be capable of generating following reports: Strength Report, Torque Report, Endurance Report Power Report, Range of Motion Report, Comparison Report

D- Hi speed Functional assessment and training devise Knee machine

KNEE MACHINE

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DR. JAYARAJ

(S. K. NAYAR)

DR. JAYARAJ

1. System should have facilities for evaluation / testing of various muscle groups of knee and capable of being programmed as per training requirements of the muscle groups (Customized) Real Performance of the muscle group should be seen on the digital display, showing peak torque, ROM and max speed and torque.
2. System should have multiple exercise modes to accommodate different need and requirement of different population/Athletes.
3. System should have provision for Variable speed mode, Variable Load Mode and personalized training mode.
4. System should have facilities to program variable resistance for flexion and extension, Also should have provision for work speed control or independent.
5. System should be supplied with following feature rotary motion hydraulic resistance system, Servo valve technology, computer managed rehabilitation system (CMRS).

Technical Specification

1. Rotary Motion Hydraulic Resistance System
2. Computer Managed Training System (CMRS)
3. Adjustable seating position
4. Adjustable support pads
5. Heavy Duty Frame
6. Heavy Duty Handle bar
7. Stabilizing Strap
8. Unilateral and bilateral Exercise System
9. Variable Speed Control (10 Degrees /sec – 800 Degrees/sec)
10. Dual motored.
11. Unilateral and bilateral Exercise system.
12. Touch screen P/C Advanced Hi Speed Isokinetic unit with performance Bio Feedback system Variable Speed Control.
13. Adjustable seating position, Stabilizing strap, Heavy duty frame and handle bar.
14. System should be capable of generating following reports: Strength Report, Torque Report, Endurance Report Power Report, Range of Motion Report, Comparison R

E- Hi speed Functional assessment and training device - Squat machine

SQUAT MACHINE

1. System should have provision for testing / evaluation of various muscle groups during squat activities and can be programmed as per training requirements of the muscle groups. Real time performance of the muscle groups should be seen on the digital display, showing peak torque, ROM and max speed and torque.
2. System should have multiple exercise modes to accommodate different need and

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- requirement of different level of athletes
3. System should be provision for Variable speed mode, Variable Load Mode and personalized training mode
 4. System should have facilities to program variable resistance for flexion and extension, should also have provision for work speed control or independent
 5. System should be capable of measuring single as well as both limbs and also perform Standing press and low row flexion and extension exercises
 6. System should be supplied with following feature Linear motion hydraulic resistance system Servo valve technology, computer managed rehabilitation system (CMRS)

Technical Specification

1. Linear Motion Hydraulic Resistance System
2. Computer Managed Training System
3. Heavy duty Frame
4. Counter Balance level arm
5. Counter thrust platform Variable Speed Control (Ranging from 10 deg/sec to 600 deg/sec)
6. Should have Touch screen based P/C along with Advanced Hi Speed Isokinetic Knee unit with performance Bio Feed back system Variable Speed Control Variable resistance control
7. System should be capable of generating following reports Strength Report, Torque Report, Endurance Report Power Report, Range of Motion Report, Comparison Report
 - a. Safety Specification: Should have CE and or USFDA certification
 - b. Training by OEM: 01 weeks / year for 3 years in SIC
 - c. Maintenance clause: as per general specifications
 - d. Safety clause: As per existing guideline



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1) GENERAL SPECIFICATIONS (terms and conditions) FOR physiotherapy and sports medicine, C-ARM, BATTERY DRILL, ARTHROSCOPES, MEDICAL EQUIPMENTS AND AUTOCLAVES (as per minutes 01/10/2019, 15/10/2019, 22/10/2019, 31/10/2019 & 07/11/2019, 04/08/2020 over and above general specification by tendering authority)-TO BE FOLLOWED IN ALL MEDICAL EQUIPMENT ITEMS ON SIC EXPANSION.

- 1) System should be ECE / US FDA/BIS approved
- 2) Inadvertent use of only US FDA in all specifications drafted by medical equipment committee to be omitted or not taken and should be read as and /or others as above in point 1.
- 3) Medical Grade Stainless steel / titanium or other certified material (satisfying above certification) must be used for all instruments and machinery in mandate of medical equipment committee for SIC expansion.
- 4) AERB approved (For C-Arm)
- 5) 5 year comprehensive onsite warranty of entire system (Spare and labour) including X-ray tube (For C-Arm) and all accessories and civil, electrical and air conditioning works followed by 5 year CMC.
- 6) Company should confirm the availability of spare parts for 10 years from the date of supply of the equipment.
- 7) Company should have 24 x 7 call support facility
- 8) List of spare parts with cost must be provided.
- 9) Should conform to latest IEC standard for requirement of safety for electromagnetic compatibility.
- 10) Physical Demonstration is essential.
- 11) Warranty 2 years in Arthroscopes subject to physical damage and wear & tear, and 1 year for Hand held Instruments of arthroscopy subject to physical damage and wear & tear ;
- 12) Warranty 5 years + CMC 5 years in all other items of this committee
- 13) L1 will include CMC cost also,
- 14) Preventive maintenance every 3 months with log book entry;
- 15) The quality of supplied of instrument / equipment should be strictly same as given for physical demonstration / inspection, failing that the company / dealer will be black listed for 5 years for participating in tender process of hospital.
- 16) Turnkey/installation wherever required to be done by company and included in cost.
- 17) Free rate of consumables for 10 years
- 18) Technical specifications to be kept on site for 21 days public domain for comments of stakeholders.
- 19) Prebid meeting to be held of all stakeholders and modifications if needed may be considered
- 20) On-site training for equipment usage to be done wherever needed.
- 21) Patient and user Safety and compensatory clause for all medical machinery of this committee. This should be besides the safety checks and mechanism already essential in every medical machinery
- 22) Service centre authorized by manufacturer should be located in Delhi NCR and should provide service and repair as soon as possible within 24hrs to ensure patient safety.

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- 23) All electrical equipment should conform to latest electromagnetic safety standards for medical equipment.
- 24) The equipment with all its components will have warranty for period of 5 years from the date of handing over the fully functional unit and all the accessories supplied to the institution. Every thing irrespective of nature that is supplied by the vendor will be under warranty. The equipment which has multiple components should be quoted as a whole and by a single vendor.
- 25) During warranty period the desired uptime of 95% of 365 days (24hrs basis) will have to be ensured with maximum of 5 working days of downtime at a stretch. In case the downtime exceeds the 5% limit in a year or more than 5 days at a stretch (whichever is applicable) extension of warranty period by double the excess down time period will be carried out.
- 26) CMC (Comprehensive Maintenance Contract) The post warranty (after 5 years) CMC should be comprehensive for all its components (everything irrespective of nature which is supplied by the vendor under guarantee) inclusive of X-Ray Tubes. (For C-Arm) with 95% uptime and extension of CMC period by double the downtime in excess of 5%.
- 27) Participating bidders should submit a good performance certificate from institutions and a certificate that it is submitting the medical item to the user at the lowest cost with a supply order to that effect preferably of a government institution.
- 28) All procedures laid down by CVC to be followed in all items which were proprietary in nature.


Member Secretary
(Dr. N. S. Srinivas)

Chairman

(Dr. R. Nayak)


(B K NAYAK)


(Dr. S. Srinivas)


(Dr. D. Srinivas)


(Dr. Srinivas)


(Dr. Srinivas)


(Dr. Srinivas)


(Dr. Srinivas)


(Dr. Srinivas)

SIC EXPANSION PROJECT

Name of The Equipment:	HS-SPEED FUNCTIONAL AGREEMENT AND TRAINING DEVICE FOR LOWER EXTREMITIES
Quantity Required:	01 (ONE)
Approximate Cost Per Equipment:	150 (ONE HUNDRED FIFTY) LACS (IN 4 FIG. 2 (FF))
Approximate Total Cost:	150 (ONE HUNDRED FIFTY) LACS
CERTIFIED THAT GENERAL SPECIFICATIONS ARE ENCLOSED	

DR. JAYA

DR. NATHA

DR. H. N. RAG

(DR. JAYA)

(DR. NATHA)

(DR. H. N. RAG)

(DR. JAYA)

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- Should have Touch screen based P/C-Advanced Hi Speed Ankle Isokinetic unit with performance Bio Feed back system. Variable Speed Control Variable resistance control.
- System should be capable of generating following reports i.e Strength Report, Torque Report, Endurance Report Power Report, Range of Motion Report and Comparison Report.

B- Hi speed Functional assessment and training devise Glutes/ Hamstring Runner's Training Machine

RUNNER'S TRAINING MACHINE (GLUTES & HAMSTRING)

1. System should have provision for testing/evaluation of various muscle group testing and capable of being programmed as per training requirements of the muscle groups (customized). Real time performance of the muscle should on the digital display, showing peak torque, ROM and max speed and torque
2. System should have versatile exercise mode to accommodate different need and requirement of different individuals.
3. System should have Multiple Exercise Modes , Variable speed mode, Variable Load Mode and Personalized Training Mode.
4. System should have facilities to program variable resistance for flexion and extension

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deg/sec)

- Should have Touch screen based P/C along with Advanced Hi Speed Hip Isokinetic unit with performance Bio Feed back system & Variable Speed Control.

6- System should be capable of generating following reports

**Strength Report, Torque Report , Endurance Report
Power Report ,Range of Motion Report , Comparison Report**

D- Hi speed Functional assessment and training devise
Knee machine

KNEE MACHINE

1. System should have facilities for evaluation / testing of various muscle groups of knee and capable of being programmed as per training requirements of the muscle groups (Customised). Real Performance of the muscle group should be seen on the digital display, showing peak torque , ROM and max speed and torque
2. System should have Multiple exercise modes to accommodate different need and requirement of different population/Athletes.
3. System should have provision for Variable speed mode, Variable Load Mode and personalized training mode.
4. System should have facilities to program variable resistance for flexion and extension, Also should have provision for work speed control or independent.
5. System should be supplied with following feature rotary motion hydraulic resistance system, Servo valve technology, computer

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have provision for work speed control or independent.

- System should have the following feature Rotary motion hydraulic resistance system ,Servo valve technology, computer managed rehabilitation system (CMRS),

Technical Specification

- Rotary Motion Hydraulic Resistance System
- Computer Managed Training System
- Heavy duty Frame
- Counter Balance level arm
- Counter thrust platform Variable Speed Control (10 deg/sec - 600 deg/sec)
- Should have Touch screen based P/C along with Advanced Hi Speed torso Isokinetic unit with performance Bio Feed back system . Variable Speed Control Variable resistance control..

7 System should be capable of generating following reports

**Strength Report, Torque Report , Endurance Report
Power Report, Range of Motion Report , Comparison Report**

H-Hi speed Functional assessment and training devise Bench Press/Pull machine

BENCH PRESS/PULL MACHINE

1. System should have facilities for testing / evaluation of various groups of muscle testing and can be programmed as per requirements of the muscle groups. Real time performance of the muscle should be seen on the display , showing peak torque, ROM and max speed and

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	<p>training mode</p> <p>4. System should have facilities to program variable resistance for flexion and extension, should also have provision for work speed control or independent.</p> <p>5. System should be supplied with following features i.e. Rotary motion hydraulic resistance system, Servo valve technology, computer managed rehabilitation system (CMRS).</p> <p>Technical Specification</p> <ul style="list-style-type: none"> • Rotary Motion Hydraulic Resistance System • Computer Managed Training System • Heavy duty Frame • Adjustable Height Chest roller • Adjustable support pads • Variable Speed Control (10 deg/sec – 400 deg/sec • Should have Touch screen based P/C along with Advanced Hi Speed Trunk Isokinetic unit with performance Bio Feed back system, variable Speed Control & variable resistance control.. <p>6- System should be capable of generating following reports:</p> <p>Strength Report, Torque Report , Endurance Report Power Report ,Range of Motion Report, Comparison Report</p>
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Safety Specification: Should have CE/USFDA/Appropriate Indian Medical Safety and Quality Standard Certification.

Training by OEM 01 weeks / year for 3 years in SIC

Maintenance clause: For 5 years after warranty period of 2 years

Safety clause: As per existing guideline

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