

**Sports Authority of India  
(ES Division)**

File No. 01-20002/5/2024-HO-ES Division

14.05.2024

**Procurement of Isoshift & Homing, Technobody Srl Make for High Performance Archery Centre, NCOE Sonapat through Proprietary Article Certificate (PAC) - Inviting Comments thereon.**

Sports Authority of India, New Delhi is in the process of finalizing the Procurement of following item For High Performance Archery Centre, NCOE Sonapat on Proprietary Basis.

S. No	Description	Details
1	IFB Details	<b>01-06/2/2024-HO - TOPS - HPD-Division/Isoshift &amp; 01-06/2/2024-HO - TOPS - HPD-Division/Homing</b>
2	Item Name & Quantity	Isoshift – 01 Unit Homing – 01 Unit
3	Mode of Purchase	PAC
4	Original Equipment Manufacturer	M/s Technobody Srl, Italy
5	Authorized Agent	M/s Grand Slam Fitness Pvt. Ltd., Uttar Pradesh
6	Specifications	<p><b>Isoshift: -</b> The Isoshift leverages the 3D camera technology and force platforms with electronically controlled arms and cables for an unprecedented training experience. Iso-Shift allows athletes to easily manage force loads through the pneumatic circuit with a simple touch on the PC touch screen. This feature is particularly useful for athletes undergoing rehabilitation, as it allows them to gradually increase their training intensity as they recover. Iso-Shift also features electronically controlled arms and accessory cables, enabling athletes to perform exercises that target specific muscle groups and movements. This feature is ideal for athletes undergoing strength and conditioning training, as it enables them to progressively increase the resistance and complexity of their workouts. It's technical specifications are: - The device has a PC Interface completely programmable in terms of work programs, test and training The device has a Motion Analysis and Force Platform to record and check correct movements, balance and posture It has a Resistance Range: 0 – 15 kg (unilateral) increment step of 0,5 kg The Cable Extension is of the range of: 2mt (bilateral) Its Load platform has a range of with 0-300kgs. It has a PC Control Touch-Screen 23” for real-time and biofeedback It is capable of offering Motion Analysis by 3D Camera detection and force platform. It has an Integrated 3D Camera for motion capture</p>

		<p>IsoShift's Postural Strength systems is capable of integrating Functional Training exercises, loads control and Motion capture markers free.</p> <p>The system is equipped with Software for training and assessment: The Management System.</p> <p>The systems is equipped with Key for the net connection and interconnection of device</p> <p>Complies with: Device 93/42/CEE EN 60601-1 III ° edition CLASSE I - TYPE B</p> <p>Spares Availability: The supplier of the equipment has to ensure that the spares of the equipment are available for next 10 years.</p> <p><b>Homing:</b></p> <p>Homing The System is a hi-tech equipment that can provide guided training, assessment and rehabilitation. It includes customizable exercises and programs ready to use, specific for training and rehabilitation. Through a 3D camera it recognizes in real-time, body joint degrees and movement. Using a wide big digital mirror, every activity, in front of system, has a real time biofeedback. The device can be used for:</p> <p>Upper Limb Training exercises with CoG &amp; trunk control  Lower Limb Training exercises with CoG &amp; trunk control  Trunk Control Training with biofeedback  Mobility Programmes with Trunk &amp; COG Control with Biofeedback  Virtual Reality Programmes for Functional Training It's technical specifications are:</p> <p>System provides guided training and assessment tasks in Rehab and Fitness. It includes hundreds of exercises and programs ready to use and specific for training and rehabilitation.</p> <p>The system through a 3D camera recognizes in real-time, body joint degrees and should deliver feedback on the exercises being performed on a large display. The camera also enables trainers to remotely monitor the user.</p> <p>The device comes with a stand that has accessories for motor and functional activities and rehabilitation.</p> <p>The system also has the following:</p> <ul style="list-style-type: none"> <li>- Analysis Modules for evaluation of the quality of user movement and functional assessments</li> <li>- Personal Program manager that can hold customized programs for individualized training &amp; rehabilitation with qualitative biofeedback. The system should also offer target based training.</li> <li>- Should have virtual reality training &amp; rehabilitation programmes</li> </ul>
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		Spares Availability: The supplier of the equipment has to ensure that the spares of the equipment are available for next 10 years.
7	<b>Total financial implication inclusive of taxes per unit with 2 years Warranty and 3 years CAMC</b>	<b>Isoshift:</b> <b>Rs. 40,53,868/-</b> (Cost of Equipment with 02 Year Warranty : Rs. 35,25,103/- Cost of 03 year CAMC: Rs. 5,28,765/-)  <b>Homing:</b> <b>Rs. 20,44,829/-</b> (Cost of Equipment with 02 Year Warranty : Rs. 17,78,113/- Cost of 03 year CAMC: Rs. 2,66,717/-)

The above details are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 days of issue of this document giving the above reference.

The comments should be received at office of Deputy Director (ES), Sports Authority of India, Room No. 115, SAI – HQ, Jawaharlal Nehru Stadium Complex, Gate No.-10, Lodhi Road, New Delhi – 110003 (India) or at [es-sai@gov.in](mailto:es-sai@gov.in) or [esdivisionsai@yahoo.in](mailto:esdivisionsai@yahoo.in) on or before 28/05/2024, 12:00 p.m., failing which it will be presumed that no vendor(s) is having any comment(s) to offer and the case will be decided on merits.

-S/d-  
**Deputy Director**  
**Equipment Support Division**