



**SPORTS AUTHORITY OF INDIA**

**National Center for Sports Science and Research,**

**IGSC, New Delhi – 110002**

**Subject:- Corrigendum No 1 against Tender Ref: 71-01001(03)/1/2024-NCSSR Division  
Procurement of 3D Foot Scanner (Pressure Plate)**

<b>Sr. No</b>	<b>Specifications</b>	<b>Amendment</b>
1.	The pressure plate should be able to withstand a maximum force of at least 200 kPa. This will allow it to be used for weightlifting and other high-impact activities.	The pressure plate should be able to withstand a maximum force of at least 200 kPa. This will allow it to be used for weightlifting and other high-impact activities.
2.	The pressure plate should have a minimum of 1,000 sensors	The pressure plate should have a minimum of 1,000 sensors
3.	The pressure plate should be at least 4 feet by 4 feet.	<b>The pressure plate should be at least 1.33 feet by 2 feet.</b>
4.	Sampling rate: The pressure plate should have a sampling rate of at least 100 Hz for static activities and 200 Hz or more for dynamic activities.	Sampling rate: The pressure plate should have a sampling rate of at least 100 Hz for static activities and 200 Hz or more for dynamic activities.
5.	The pressure plate should come with lifetime software that can be used to generate reports and analyse the data. The software should be able to calculate asymmetry, isolate forces in different	<b>The pressure plate should come with lifetime software that can be used to generate reports and analyse the data. The software should be able to calculate asymmetry, isolate Pressures</b>

	segments, and visualize the centre of pressure	<b>in different segments, and visualize the centre of pressure.</b>
6.	The pressure plate should be able to synchronize with 3D motion capture (mocap), IMU, and video camera systems.	<b>The pressure plate should be able to simultaneously work with 3D motion capture (mocap), IMU, and video camera systems.</b>
7.	The pressure plate should be able to export the data to a variety of formats, including CSV, Excel, and JSON.	<b>The pressure plate should be able to export the data to a variety of formats, including CSV, Excel, and/or JSON.</b>
8.	Should provide a customizable report in PDF format	Should provide a customizable report in PDF format
9.	The pressure plate should come with a minimum of 5 years warranty.	The pressure plate should come with a minimum of 5 years warranty.
10.	Should provide onsite training	Should provide onsite training
11.	The pressure plate should have sports and clinical modes.	The pressure plate should have sports and clinical modes.
12.	The pressure plate should be durable enough to withstand the rigors of dynamic activities and weightlifting.	The pressure plate should be durable enough to withstand the rigors of dynamic activities and weightlifting.
13.	The pressure plate should be accurate enough to provide meaningful data.	The pressure plate should be accurate enough to provide meaningful data.
14.	The pressure plate should be able to operate in a wide temperature range, from -20 degrees Celsius to 60 degrees Celsius.	<b>The pressure plate should be able to operate in a wide temperature range, from 0 degrees Celsius to 50 degrees Celsius.</b>

15.	The pressure plate should be able to operate in a wide humidity range, from 0% to 95%.	<b>The pressure plate should be able to operate in a wide humidity range, from 0% to 80%.</b>
16.	The pressure plate should have an anti-slip surface to prevent users from slipping. This is especially important for dynamic activities and weightlifting.	The pressure plate should have an anti-slip surface to prevent users from slipping. This is especially important for dynamic activities and weightlifting.
17.	The pressure plate should be waterproof to prevent damage from water. This is important if the pressure plate is used outdoors or in wet environments. IP 65 or more	<b>The pressure plate should be water resistant to prevent damage from water. This is important if the pressure plate is used outdoors or in wet environments. IP 65 or more.</b>