



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

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## **Technical Specifications of Camera Motion Capture System**

### **RFx No. 6100001173 (Reference No. 1000021849)**

Technical Specifications:

Optical or inertial motion capture for full body and hands.

I. For optical mocap system:

- i. Capture volume 5mx5mx5m
- ii. Cameras should have at least 200Hz frame rate at 5MP resolution
- iii. Marker sets for full body and hands
- iv. Real time Tracking and mocap cleaning software, export to standard graphics packages and formats

II. For inertial mocap system:

- i. Range - 100m or above
- ii. Update rate - 200 Hz or above
- iii. Sensors, suits and gloves for full body and hands motion capture
- iv. Real time Tracking and mocap cleaning software, export to standard graphics packages and formats

III. Three year warranty inclusive of all equipment defects and malfunction, and on-site maintenance of the same. Updates and (relevant licenses) of relevant software in the warranty period should also be included in cost.