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31.12.2018

Department of Applied Mechanics

Corrigendum-1

Tender Reference no: APM/SKMV/2018/008

Name of the Item: Glove based Kinematic System

Corrigendum details: CHANGE IN SPECIFICATIONS

Following changes has been suggested by the tender Inviting Authority in the technical specifications. The changes are highlighted in yellow with red colored fonts.

Tender for glove based kinematic system

S.no	Parameter	Description/Specification	Does your product meet the technical Specification (if Yes, please tick)	If Yes, Mention the relevant reference page. no in your Technical Literature.
1.	Sensors	Data glove that can capture kinematic information of the human hand		
2.	Feedback	Force feedback must be available for all fingers and for palm		
3.	Pressure sensor	Pressure sensor for each finger must be available		
4.	Glove Size	Glove should be available in different sizes		
5.	Glove Size specification	Options must be given to specify the hand dimensions (hand length and width) so that suitable gloves can be chosen		
6.	Spatial Resolution for roll, pitch and yaw.	Should be less than 1 deg		

7.	Update Rate	It should be minimum of **100 Hz. Higher frequencies preferred.**		
8.	Latency	It should be utmost **10ms.**		
9.	Computer Interface	It should have compatibility with USB 2.0 or greater or should have provision for RS 232 communication.		
10.	Wireless interface	Should have the option of wireless usage.		
11.	Software Compatibility	The software and drivers provided should support both windows and Linux based system.		
12.	GUI(User interface)	Should be customizable, user friendly		
13.	Output Formats	Data should be collected in be able to store as a separate file		
14.	Output Data Format	The format should be compatible with both Mat lab and LabVIEW.		
15.	SDK(Software Development Kit)	It should be available to be further developed for 3D object rendering purpose which will be useful for on-line manipulation of visual feedback.		
16.	Library Assistance	The vendor must provide all assistance for using the sensors, such as provision of software (e.g. DLLs for easy LabVIEW and Mat lab interfacing).		
17.	Calibration Files	Details of calibration procedures must be provided.		
18.	Portability	It should be portable and should be easy to transport in future.		

All other terms and conditions remain the same.

Tender Inviting Authority:

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