

Pre Bid Clarification for

E – Tender ID AIIMA/BPL/HOSP/19-20/104 Dated 06-01-2020

| Existing Technical Specification in Tender | To be read as |
|---|---|
| <p>Tender Item No. Equipment Name Technical Specification/ Description of the requested Equipment Qty. (In No.) 1</p> <p>Multifunction Foot Pressure analyzer</p> <ol style="list-style-type: none"> Stand- A lone measuring system for connection to an USB PC/Notebook interface It should have more than 2560 capacitive sensors. Dimension of the plate should be minimum 710 x 400 x 15mm. Sensing area 542 x 339 mm It should have Sampling rate: 200Hz Accuracy + - 5% Measuring range 120Nm² It should have video out Sync interface It should have software for data collection, Analysis, static load distribution analysis, Basic function equilibrium analysis. Software should be upgradeable. The measuring system should function using high quality capacity force sensors that are arranged in matrix. Each sensor should produce its own calibration curve. The measuring plate should enable the static and dynamic force distribution to be analyzed under the feet while standing sanding walking. The system is connected directly to a commercially available PC via USB interface and requires no additional electronics. Should display spatial and temporal parameters of speed, cadence, step length, stride length, step width gait cycle duration, stance duration and swing, single and double support. It should be able to identify asymmetries during stance phase and areas of potential ulcerations. The system should provide optional Bluetooth telemetry EMG for muscle function to analyze forces parallel to the ground reaction forces. It should have facility to be connected to goniometer; it is also possible to record the angles of the Joints. Up to eight analog signals can be synchronized to the force values and displayed in the evaluation software. It should be compatible and should be supplement to the gait in the analyses of static force distribution. It should allow for the display of static posture during a standard examination. System should be supplied with Desktop of configuration; Windows i17 processor; 4GB RAM; 1TB hard disk. Should be European CE/USFDA approved. | <p>Tender Item No. Equipment Name Technical Specification/ Description of the requested Equipment Qty. (In No.) 1</p> <p>Multifunction Foot Pressure analyzer</p> <ol style="list-style-type: none"> Stand- A lone measuring system for connection to an USB PC/Notebook interface It should have more than 2560 capacitive sensors. Dimension of the plate should be minimum 710 x 400 x 15mm. Sensing area 542 x 339 mm It should have Sampling rate: 200Hz Accuracy + - 5% Measuring range should be 01-120 N/cm² It should have video out Sync interface It should have software for data collection, Analysis, static load distribution analysis, Basic function equilibrium analysis. Software should be upgradeable. The measuring system should function using high quality capacity force sensors that are arranged in matrix. Each sensor should produce its own calibration curve. The measuring plate should enable the static and dynamic force distribution to be analyzed under the feet while standing sanding walking. The system is connected directly to a commercially available PC via USB interface and requires no additional electronics. Should display spatial and temporal parameters of speed, cadence, step length, stride length, step width gait cycle duration, stance duration and swing, single and double support. It should be able to identify asymmetries during stance phase and areas of potential ulcerations. The system should provide optional Bluetooth telemetry EMG for muscle function to analyze forces parallel to the ground reaction forces. It should have facility to be connected to goniometer; it is also possible to record the angles of the Joints. Up to eight analog signals can be synchronized to the force values and displayed in the evaluation software. It should be compatible and should be supplement to the gait in the analyses of static force distribution. It should allow for the display of static posture during a standard examination. System should be supplied with Desktop of configuration; Windows i 7 processor; 4GB RAM; 1TB hard disk. Should be European CE/USFDA approved. |

M.P.

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