PHILIPPINE HEART CENTER
East Avenue, Quezon City

SUPPLEMENTAL BID BULLETIN No. 078-2023

SUBJECT : Revised Technical Specification

PROJECT : 1 unit Simulation Training System Equipment – ITB No. 104.23

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To ensure that the transactions are comparatively advantageous to the interests of the PHC, the originally pre-issued bidding documents as mentioned above, revised technical specifications is hereby introduced.

Attached - Revised Technical Specifications - **Annex "A"**

This Supplemental Bid Bulletin is hereby issued to modify the original parameters as stated therein. All other requirements previously stated on the bid documents must be complied.

Please be guided accordingly.

Approved. Done this 4th day of December 2023, BAC Office, PHC.

ANTONIO D. PASCUAL, MD.
Chairman, BAC for Pharmaceutical Supplies and Medical Equipment

Annex "A"

UPDATED TECHNICAL SPECIFICATIONS

Terms of reference for Cardiac simulator.

Description of Function

A cardiac simulator is a medical device designed to mimic the electrical and mechanical activity of the heart to facilitate medical training, research, and device testing. Its primary function is to create realistic simulations of various cardiac conditions and scenarios, enabling healthcare professionals, students, and researchers to practice and enhance their skills and knowledge without putting real patients at risk.

Operational Requirements

System complete with all accessories as specified in the Technical Specifications below:

1. **Technical Specifications**

1.1 System shall include features:

1.1.1 Must have a highly realistic environment/laboratory setting

1.1.2 Must have at least 50 inches screen monitor on a movable stand

1.1.3 Must have a control panel/control box based on the real equipment

1.1.4 Must have all the accessories for the training modules/simulations

1.2 Training modules must include the following:

1.2.1 Coronary intermediate

-training cases including PCI, CTO and CABG

-clinical devices for simple and advance PCI procedures;

OCT and IVUS catheters
Atherectomy devices
CTO wires
Stents and balloons
Microcatheters
Guiding catheters
Diagnostics catheters

1.2.2 Coronary advanced

-training cases on bifurcation, complex AMI, CTO and challenging PCI cases

-clinical devices for simple and advance PCI procedures;

OCT and IVUS catheters
Atherectomy devices
CTO wires
Stents and balloons
Microcatheters

Guiding catheters
Diagnostics catheters

1.2.3 Transesophageal echocardiography

1.3 INSTALLATION:

Must submit a certificate that the vendor will comply to the following:

1.3.1 Pre-delivery quality assurance tests: Perform pre-delivery quality assurance tests on all equipment to be delivered to PHC. These pre-delivery results shall remain within relevant IEC standards, and manufacturer's technical and safety specifications. Vendor is to submit all relevant pre-delivery quality assurance tests upon delivery.

1.3.2 Installation, testing and commissioning: Installation, testing and commissioning shall be done in the presence of PHC Personnel. Commissioning checklist shall be in accordance with manufacturer's recommended test procedures. PHC shall deem not commissioned any equipment or system that fails these requirements.

1.4 WARRANTY AND SUPPORT SERVICES:

1.4.1 Must submit a certificate that the vendor shall perform follow-up (repeat) in-service training at no additional charge to Philippine Heart Center at Philippine Heart Center's request for the first year after equipment installation.

1.4.2 Must submit a certificate that there must be a three-year warranty for parts, labor, transducers, accessories, software and hardware.

1.4.3 Must submit a certificate that in the event that the software is corrupted, the vendor shall reload the software during the lifespan of the equipment free of charge

1.5 OTHERS

1.5.1 Must submit a certificate that the vendor will comply with the power requirement of 200-240 volts; 60Hz with an electrical plug compatible with Philippine Heart Center socket.

2. Training

2.1 Must submit a certificate that the vendor will provide technical training for PHC BIOMED and User's training to staff for familiarity with the system.

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