



PHILIPPINE HEART CENTER
East Avenue, Quezon City

SUPPLEMENTAL BID BULLETIN No. 020-2020

SUBJECT : Revisions in the Bidding Documents

PROJECT/S : **1 unit Bi-Plane High End Cardiac Catheterization Laboratory Equipment (Angiogram Machine) - ITB No. 036.20**

To ensure that the transactions are comparatively advantageous to the interests of the PHC, the originally pre- issued bidding documents as mentioned above, revisions are hereby introduced:

Item No. / Page No.	PHC – Technical Specifications FROM	Clarifications/Modifications (Should be read as) TO
Page 40	E. Frontal & Lateral Tube	E. Frontal & Lateral Tube
	f. Pulsed fluoroscopy with at least 4 different frames/sec (3.75, 7.5, 15, 30)	f. Pulsed fluoroscopy with at least 4 different frames/sec (2 - 30)
	g. Digital Subtracted Angiography at least up to 12 frame/sec in biplane mode	g. Digital Subtracted Angiography at least 12 frame/sec in biplane mode.
	i. Grid switch technology.	i. Grid switch technology or equivalent.
Page 40	G. Table requirements	G. Table requirements
	c. move table longitudinally, transversely, laterally and degree rotation up to 270 degrees	c. move table longitudinally, transversely, laterally and degree rotation up to 240 degrees or higher.
Page 43	S. Hemodynamic Monitoring System (within workstation)	S. Hemodynamic Monitoring System (within workstation)
	c. Two (2) units of 22 inch or bigger monitor in control room for charting and hemo wave form display signals (link with monitoring in the exam room)	c. Two (2) units of 21 inch or bigger monitor in control room for charting and hemo wave form display signals (link with monitoring in the exam room).
Page 44	T. Accessories, Consumables, Spare Parts and other Components	T. Accessories, Consumables, Spare Parts and other Components
	d. Ten (10) pcs lead gowns (vest & skirt) Pb 0.5mm	d. Ten (10) pcs lead gowns (wide belt wrap around lightest weight lead free) 0.50mm front at overlap region, .25mm each rear flap .
	e. Ten (10) pcs radiation thyroid shields	e. Ten (10) pcs radiation thyroid shield (large size collar hook and loop, closure .50mm lead free).
	f. Ten (10) pcs radiation lead glasses (2.0mm)	f. Five (5) Oakley steele .75mm protection Five (5) Oakley Raven .75mm protection
	i. IVUS and FFR compatibility	I .IVUS, FFR and QFR compatibility
	k. ULTRA SOUND	k. ULTRA SOUND with specification (please see attachment)
		Please include: T. Accessories, Consumables, Spare Parts and other Components
		v. power injector
		Documentation
		9.10 Certificate of installation of the same unit being offered.

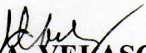
Item	Specifications
	One(1) unit Ultrasound 2D – Echocardiography System(Cardiology) – for Cathlab Environment
T.k-1	APPLICATION:
	T.k-1.1. System shall include features:
	T.k-1.1a. Cardiac diagnosis/analysis
	T.k-1.1b. Objective assessment of cardiac function such as 2-dimentional and 3- dimentional cardiac quantification
	T.k-1.1c. Color and Spectral Doppler flow mapping and processing
	T.k-1.1d. Transthoracic echocardiography(TTE) scanning
	T.k-1.1e. Transesophageal echocardiography (TEE) scanning capability with multi-plane TTE Transducer;
	T.k-1.2. ECG monitoring and ECG-triggered cardiac measurements
	T.k-1.3. Freeze-frame capability
	T.k-1.4. Appropriate controls for time gain compensation (TGC), variable power, dynamic range, and overall system gain controls.
	T.k-1.5. There should be an automated measurement package to identify and measure contours on transthoracic exam of the left ventricle and atrium.
	T.k-1.6. There should be a quick and easy measurement of the ejection fraction for both the left ventricle and left atrium.
	T.k-1.7. There should be an automated analysis and visualization of the mitral and aortic valve by 3D/4D transesophageal echocardiogram.
	T.k-1.8. System shall be capable of image archival and transfer with
	T.k-1.8a. Integrated hard disk, CD/DVD-RW writer for data storage and capability to transfer images to USB flash thumb drive
	T.k-1.8b. Export of images in JPEG and DICOM formats
	T.k-1.8c. Export of videos in RAW and AVI format
	T.k-1.8d. Gigabit LAN/Ethernet port
	T.k-1.9. System shall be integrated with dedicated ultrasound reporting system
T.k-2	SYSTEM FEATURES:
	T.k-2.1. System shall include ECG heads and display
	T.k-2.2. System shall be capable of
	T.k-2.2a. Freezing images
	T.k-2.2b. Cineloops
	T.k-2.2c. Displaying real-time images, frozen images and playback of recorded scans
	T.k-2.3. System shall feature image management facility with:
	T.k-2.3a. Display annotations
	T.k-2.3b. Patient ID display
	T.k-2.4. System shall have at least 3-4 active transducer ports
T.k-3	TRANSDUCER:
	T.k-3.1. System shall include the appropriate transducer to perform imaging and Doppler scans consistent with the required applications. This shall include:
	T.k-3.1a. Adult Phased array transducer(one probe each unit)
	T.k-3.1b. 3D/4D Transthoracic transducer(one probe each unit)
	T.k-3.1c. 3D/4D TEE transducer(one probe each unit)

T.k-4	ACCESSORIES:
	T.k-4.1. System shall have a DVD recorder
	T.k-4.2. System shall have a leakage test
	T.k-4.3. System shall be capable of producing ECG tracing

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 3rd day of November 2020, BAC Office, PHC.



MARIETTA A. VELASCO, RN, MAN
Chairman, BAC for Pharma Supplies and Med Equipment

