



**OFFICE OF THE PROJECT DIRECTOR
SHAHEED MOHTARMA BENAZIR BHUTTO
Accident, Emergency & Trauma Centre and Ancillary
Services Complex at Civil Hospital Karachi**

NO: PD/AEC&ASC/CHK/2016/4380

DATED: MAY 16, 2016

1. M/S Medequips SMC
2. M/S Siemens Healthcare (Pvt.) Ltd.
3. M/S Oriental Sales Corporation
4. M/S DWP Technologies (Pvt.) Ltd.
5. M/S Shirazi Trading

SUBJECT: ADDENDUM NO. 02 FOR THE WORK SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE (DURING MAINTENANCE PERIOD OF MEDICAL EQUIPMENT FOR THE PROJECT SHAHEED MOHTARMA BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTRE AND ANCILLARY SERVICES COMPLEX AT CIVIL HOSPITAL KARACHI

- A pre-bid meeting was held today i.e. 16-05-2016 at 11:30 a.m. in the office of the undersigned to discuss the observations of the above, for Item No. 1 "Diagnostic & Therapeutic Angiography System", following attended:-

1. Project Director
2. Prof. Saba Sohail
3. M/S Medequips SMC
4. M/S Siemens Healthcare (Pvt.) Ltd.
5. M/S Shirazi Trading
6. M/S DWP Technologies (Pvt.) Ltd.

- As a consequence of this meeting, following amendments have been made in the

Tender Specifications:-

1. In the heading at Serial No. 1 "Positioning Arm", in 1.7 "Rotation speed: 50/second or more in LAO/RAO" should be read as "Rotation speed: 40/second or more in LAO / RAO".
2. In the heading at Serial No. 2 "Digital Flat Panel Detector 12x16 inch", in 2.3 "12x16 inches large field of view" should be read as "30x40cm large field of view – Rectangular Panel is required".

NO: 1600

DATE: 17/05/2016

28/57

3. In the heading of Serial No. 5 "X-Ray Generator", in 5.6 "Should have capability of doing digital pulsed fluoroscopy at 10/2.5/15 frames and 25/30 frames per second" should be read as **"Should have capability of doing digital pulsed fluoroscopy at 10/2.5/15 frames and 25/30 frames per second or similar"**.
4. In the heading of Serial No. 6 "Digital Imaging & Acquisition / Fluoroscopy", in 6.5 "Magnetic Disk Capacity for storage of 100,000 images in 1024x1024 on the magnetic disk of main console" should be read as **"Digital Imaging & Acquisition / Fluoroscopy", in 6.5 "Magnetic Disk Capacity for storage of 64,000 images or greater in 1024x1024 on the magnetic disk of main console"**.
5. In the heading of Serial No. 6 "Digital Imaging & Acquisition / Fluoroscopy", in 6.9 "Rotational DSA package with 50 degrees /second minimum" should be read as **"Rotational DSA package with 40 degrees/second or more"**.
6. In the heading of Serial No. 7 "Monitoring System", in 7.3 "Two monitors for live images and road mapping in the control room 18inch or larger LCD/LED and 2 in Cath Room" should be read as **"Two Medical Grade Monitors for live images and road mapping in the control room 18inch or larger LCD/LED and 2 in Cath Room"**.
7. In the heading of Serial No. 9 "Software / Hardware Packages", in 9.14 "Table should have stepping top for peripheral DSA for 5 or more steps programming" should be read as **"Table should have stepping top for peripheral DSA / Bolus Chase for 5 or more steps programming"**.
8. In the heading of Serial No. 12 "Accessories of Angiography System", in 12.1 "Physiological Hemodynamic Monitoring System (from same manufacturer of angio system or its joint venture partner) Multichannel for 2 channels IBP, Cardiac output with thermo dilution method. 12 lead ECG and SPO2" should be read as **"Physiological Hemodynamic Monitoring System (from same manufacture of angio system or its joint venture partner) integration should be FDA/CE/MHLW approved. Multichannel for 16 channels IBP, Cardiac Output with thermo dilution method. 12 Lead ECG and SPO2"**.

9. In the heading of Serial No. 14 "Quality & Safety Standards / Radiation Protection", in 14.1 the word "manufacturing" should be read as "**Manufacturer**".
10. At page 25, 26 & 27, the word "Country of Origin" should be read as "**Country of Manufacturer**".



PROJECT DIRECTOR

Copy to:

1. Chairman, Management Board (Trauma Centre), Civil Hospital Karachi
2. Medical Superintendent, Civil Hospital Karachi
3. Manager (Reforms), Sindh Public Procurement Regulatory Authority with the request to hoist the same on CHK website (softcopy enclosed).
4. Incharge CHK Website with the request to hoist the same on CHK website (softcopy enclosed).