PACS (ENTERPRISE)

- System should be compatible to be integrated with the existing ITRMC-HOMIS **- YES**

- Full DICOM (3.0 or latest version): print, store, modality work list, archive, unlimited web distribution. **- YES**

- At least Three (3) workstations, at least 21” Medical Grade LED Dual Monitor **- YES**

- Administrator security and Fire Wall **- YES**

- Fast and Reliable database system **- YES**

- Can incorporate key images into the report **- possible**

- Can insert comparative analysis as a table, such as lesion management - **no lesion management**

- With teaching files for Residents training **- possible**

- Include anatomical bookmark that become hyperlinks so that another user can easily navigate to the critical findings, directly

from the report - **possible**

- At least 3D data display with automatic vessel segmentation **- 3D yes - Automatic vessel segmentation - No**

- Automatic volume registration and matching directly within the viewer to streamline volumetric data comparison **- No**

- Interactive Multiplanar reconstruction - with clearer visualization of organs, tissues and the relationship between them **- Yes MPR (bus without relationships between organs)**

- Streaming and tunneling for remote reporting, even with lossless data **- Yes**

- With Maximum intensity projection that will enhance contrast to view vascular structures and other high density tissue more easily and Minimum intensity projection that will enhance low density tissue **- Yes ( minimum will be developed)**

- Can allows to define color and opacity values to anatomy, creating an image you can view from any angle **- no color**

- Must have multi frame display to let it view from different modalities such as US, angiography and MR - **YES**

- Shall have the capability to automatically remove bone to give a clearer view of soft tissue - **YES**

- Shall have the capability of viewing and analyzing cardiac images - **YES**

- Shall have the capability to combine from any two complementary such as CT and MR - **YES**

- Ability to display clinical images on virtually any mobile device with a web browser without loss of data - **YES**

- Three (3) years support, software updates and upgrades included - **YES**

- Appropriate Grounding System shall be supplied and installed as necessary - **YES**

PACS VIEWER

- 2 viewing stations with reporting software and license - **YES**

- Dual monitor HD LED at least 21” - **YES**

- Capability of zooming, measuring and windowing - **YES**

- Unlimited web license (unlimited viewing license – no installation required for viewing stations), scalable for - **YES**

**KCCI- MEDSYS PACS**

* Patient Photo - as safety measure (on result entry and reports)
* Auto-search and open of previous study
* Biometric Capability for verification of results
* Radiologist Signature - for reprinting
* Report Revision History (indicates any changes on printout)
* Customizable default functions by Radiologist
* Technologist Entry
* Templates per radiologist and Quick Templates
* Gender Keywords for result entry
* Voice Recording and Voice to text.
* Reports summarizing count of Studies read per Radiologist
* SMS to patient when result is ready
* Queuing and auto-printing
* Viewing on Chief Complaint (linked to HIS)
* Auto echo images from PACS Server
* Multiple-Site capable
* Viewing from smart TVs
* Patient Name/ID checking when image is received at server
* Auto update HOMIS study status when Image is received
* Worklist connected with HOMIS
* Update Result at HOMIS database from PACS
* Developed in the Philippines using European Technology, support Philippine products (more than 30 clients nationwide). Customizable for your needs.