From Dr. Salem Al-Hajraf, Executive Director/EBRC

To: Youssif Al-Mesfer - (DM-ICTD)

Through: Nawal Al-Ansary, Administration, Finance & Support Services Sector

CC: Dr Zafar Sakka, Project Leader

CC: Mohammad Buhamad, Project member , Ext.9512

Subject: **Requesting to allocate a web server for project EU059S “Structural Assessment of Underground Water Reservoirs“**

Justification:,,,

Kindly requesting

1. VMware virtual machine , with 5 to 15 giga-bytes storage.
2. Sub domain name registration “visualAssessment.kisr.edu.kw” , or a fixed I.P. number
3. Firewall access for project EU059S until 2017/12/31 on ports:
   1. Port 80/TCP
   2. Port 443/TCP
4. Requesting remote-desktop access within KISR , for installation of the project's web application, and installing other related software  (the following will be installed and configured by project member)
   1. Java Development Kit (Compiler)
   2. Glassfish servlet-container (HTTP server)
   3. MySQL Database Management System(DBMS).
   4. Java Jar libraries
   5. The project application written using Java Servlets+JSP, Html5, Css, and Javascript
   6. The application must allow uploading images(using standard HTML5) from web-clients on site throughout Kuwait, where on average each image would be 1.5 mega-bytes
   7. Store GPS locations from the web-client ( using standard HTML5)
5. Also, requesting an SSL certificate for the aforementioned sub-domain.
6. Routing of SMTP protocol to KISR's email server(s) should be allowed. The application notifies project members through their KISR email addresses , where each email notification can be separate for each member, and at different times.

Please note that eight engineers will be accessing the project web-application from outside KISR using the standard HTTP protocol and HTTPS.

(2017-02-09)