Remote Monitoring System

Sensor to monitoring needed parameter,
All sensor must be 4-20mA output

RMU inputs are 4-20mA, Single ended, 12-bit, non-isolated (unless isolation model purchased)

RMU-SMS

RMU - GPRS

RMU-Edge/3G

RMU - WIFI

SMS route

GPRS route

Edge/3G route

WAN route

Telco

Cloud

GSM modem included
SIM card not included.

Serial

FIX IP WAN Connection (not in our preview)

Contain few programs;

1. Main Remote Monitoring Sever Software Program
2. If SMS-base RMU used need to install SMS Manager
3. If GPRS/Edge/3G base RMU is installed, then need to install GPRS Manager
4. If WiFi-base RMU is installed then need to install TCP Manager
5. DOE Query Manager

Server Requirements' (Not included)

1. For total site less then 100, we can confidently use DELL Entry Level Sever with minimum 8GB RAM, GigaByte LAN, Serial Port (USB to Serial cable not supported), 2-HD minimum 160GB per disk.
2. Optional - NAS device with minimum 320GB.
3. Windows-7, 32-bit, Ultimate.
4. Suitable Antivirus, firewall and malware protection solution.
5. Suitable UPS for power backup.
6. Redundancy solution not considered.

1. RMU has 2.8" TFT which will show 24-hours measure value in graph format, different channel will be alternative.
2. This 2.8" TFT is touch base, which will be used to configure the 4-20mA scale and UOM and Graph Screen Changing Time and GSM, GPRS, Edge, 3G or Wifi setting and connection status.

DOE Server
(Not in our preview)

Ref: SDP/CEMS/Proposal01