NEW RIVER VALLEY – REQUEST FOR INFORMATION

Some of this was discussed onsite, please see questions below:

* Wonderware Site ID, quantity of licenses, version of licenses
  + 24 Licenses – Software Intouch 10SP2
* PLC Manufacturer and quantity of I/O
  + Ge Fanuc Series 90-30 plc
  + Approx. 2300 I/O connections
  + Intercom quantity
    - 495 intercoms, 95 PA speakers
* As built drawings
  + Because of Security precautions, will be dispersed individually
* What systems they will want represented on their HMI Touchscreen
  + Just cameras and intercoms?
    - Cameras, intercoms, Housing unit and cell doors, lighting, television and inmate phones (power)
* How many PLC locations
  + 17 PLCs located in 14 areas
* PLC wiring diagrams (headend and at detention lock) if available
  + PLC - Included in Vol 3 of as built drawings
  + Lock – Included in Vol 1 of as built drawings
* How many touchscreens workstations
  + 23
* What size touchscreens, 24” acceptable?
  + Yes
* Any media converters required (KVM)
  + KVM for Server use in MEC #1
* Count of how many maps are on the HMI
  + Approximately, there are 120 core script files and 58 Dip Trace Schematic files.
* Lighting interface to HMI
  + Current lighting controls manufacturer and model
    - Lighting is controlled through the PLC relays with the Wonderware software
* Receptacle interface to HMI
  + Power receptacle to television in inmate housing areas
* Elevator control?
  + BACnet interface, VMS interface or access control interface
    - PLC relay control of elevators (officer and inmate) Officer elevators has a swipe card access control interface (unlocked through the PLC interface)
* Fire Alarm Integration
  + Not at present