Sl.no	Document	Section / Description	Queries / Clarrifications	CFED Responses
1	Cuyahoga Falls - New System Requirements	General	We would like to make a site visit to access the current system, please share the dates for the site vist	
2	Cuyahoga Falls - New System Requirements	General	Please share the Drawings, GA & Panel Arrangement details of the exising system.	Attached PDF
3	Cuyahoga Falls - New System Requirements	General	Please clarify are all the connections to the SCADA Server are TCP/IP connections. If any serial to FO converters are used please share the details of existing devices and are the devices capable of converting DNP3.0 Serial to DNP3.0 TCP/IP	Ethernet TCP/IP connections.
4	Cuyahoga Falls - New System Requirements	The SCADA system must be installed on 2 separate, redundant, physical servers.	Please clarify, whether the SCADA Servers are mounted in Panels or desktop mount, please share the photos of existing mounting details. If the SCADA servers are mounted in panels, is it possible that the installation can be taken up CFED and necessary support shall be provided for Installation.	SCADA Servers currently on server rack and desktop stand base
5	Cuyahoga Falls - New System Requirements	The new system should have the ability to show historical data via configured pop-up line graphs so operators can view data trends.	Is the intended feature can be offered as integrated functionality in the SCADA server proposed is acceptable or any dedicated hardware is required.	The standard operator screens should have the ability to show historical data via a pop-up line graph so operators can view trends.
6	Cuyahoga Falls - New System Requirements	General	For reconfiguration of existing QEI RTU's to DNP3.0 Protocol is it possible to free issue sample RTU (Freely shipped) matching the existing RTU and necessary Software, Firmware etc.. For testing before execution for the Reconfiguration purpose.	We are unable to send an RTU
7	Cuyahoga Falls - New System Requirements	The SCADA system must be accessible from the existing workstations, repurposed to connect to the new SCADA system by installing the most recent version of the SCADA software.	Please share the Existing workstation Hardware details to check the compatablity for new SCADA upgradation.	Product name HP EliteDesk 705 G5 Desktop Mini PC Memory 8 GB DDR4-2666 MHz RAM (1 x 8 GB) Internal drive 256 GB PCIe® NVMe™ TLC M.2 SSD Ports Front 1 headphone; 1 headset connector; 1 SuperSpeed USB 5Gbps signaling rate; 1 SuperSpeed USB 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging) [6,9,10,11,12,13,36] Rear 1 external antenna connector; 1 power connector; 1 RJ-45; 3 DisplayPort™ 1.2; 4 USB 3.1 Gen 1 Additional 1 DisplayPort™ Operating System Windows 11 Pro 22H2
8	Cuyahoga Falls - New System Requirements	Cuyahoga Falls wants to re-use their existing 14 RTUs, so the implementor must convert them to utilize DNP3 rather than the existing proprietary protocol.	Please share the complete details of existing RTU available (Make, Hardware Version, Firmaware details etc..), Protocols Supported. Re-Configuration of existing RTU for DNP3.0 serial - all the backups, Softwares required shall be provided by CFED and any support required from OEM during execution to be arranged by CFED.	Attached PDF

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9	Cuyahoga Falls - New System Requirements	the new SCADA system should perform time-synchronization of the existing RTUs using DNP3, and those RTUs should perform time-synchronization of the IEDs they read using DNP3.	Please share the existing details RTU's & IED's available. Also please clarify is it intended to reconfigure the existing IED's also for Time Synchronization.	The QEI RTUs located in the substations read a variety of IEDs using DNP3 over RS485 serial, in addition to their inputs and outputs.We predominantly utilize Satec Meters and Siprotech Relays.
10	Cuyahoga Falls - New System Requirements	General	Please share the Complete details of Existing Hardwares, System Architecture including all the Networking & Integrations via different Protocol.	Current system is QEI system with RTU using Quics protocal and everything else is DMP3.0
11	Cuyahoga Falls - New System Requirements	General	We belive the Ethernet Switches and FO Networking are in healthy working conditions for Updaration to new SCADA, Please confirm.	Fiber Optic is in good working condidtion.
12	Cuyahoga Falls - New System Requirements	Cybersecurity and Disaster Recovery - A process to backup configurations of all RTUs, A process to patch the SCADA servers, workstations, and RTUs	Is the customer expecting Acronics Backup solution only at server / Station level and no patch management for RTU's are intended please clarify.	The expectation would be image-based backups for servers and workstations, with a process for backups for RTUs since most RTUs are not compatible with most backup software.
13	Cuyahoga Falls - New System Requirements	In addition to replacing the existing main SCADA system Cuyahoga Falls wants to integrate the functionality of another existing system that reads data from Siemens reclosers using the 61850 GOOSE protocol and can send manual controls to the reclosers. By the conclusion of the implementation, the new SCADA system should replace the core functionality of this recloser-reading system, in addition to replacing the existing SCADA system.	Please share the existing details of reclosers for Interation to proposed SCADA along with the existing system architecture for integration. Also please provide more details on the extent of this functionality required.	Attached PDF
14	Cuyahoga Falls - New System Requirements	The new SCADA system should have a secure view-only mobile client that is compatible with Apple and Android phones and tablets. The screens for this view-only client should be easily viewable on the mobile device. The view-only client should not expose Cuyahoga Falls to any additional cybersecurity risk.	Please clarify if Web - Client Interface is acceptable.	If a web client meets the requirements laid out in the document and scales well to mobile screens then it would be acceptable.
15	Cuyahoga Falls - New System Requirements	The new SCADA system should allow Cuyahoga Falls to pull the same set of on-demand and scheduled reports that exist on the current system and should allow for direct Excel integration to query archived data.	Please share more details on this requirement.	The expectation is that on-demand and schedule reports that exist in the current system will be set up in the new system, and that there will be a method to pull data from the new system into Excel.
16	Cuyahoga Falls - New System Requirements	Misc RTU Replacement	As per Proposal Section for line item "Misc RTU Replacement" - Please clarify are the existing QEI RTU's are intended to be replaced.	If this is referring to the section where we ask for a line-item breakdown of costs, then this would only be required if the vendor is proposing one or more new RTUs. The intent is to not replace the existing QEI RTUs, so the expectation would be that this is left blank. If replacing the SICAM system warrants a new RTU for some reason, that would be listed here.