

01-June, 2017

RFP for Remote SCADA Monitoring System Extension

Replies to Bidder's Queries – No. 3

Sr. No.	Query	Response
1	Please confirm that SCADA is for monitoring purpose only and there is no requirement of controlling the substation and Power Plant unit areas?	Confirmed
2	Please confirm current available data interface of SCADA signals, is it over OPC or other protocol from PCS-9700?	Refer to Doc No. H194-I-D-0225 Technical Protocol of Comprehensive Automation System which is part of RFP
3	Please share if existing NR Electric PCS-9700 SCADA has any existing historian or database storing SCADA points? .	The complete Raw data is being uploaded on FTP server with a time interval of 15 mins. The details of ftp server shall be shared with the successful bidder.
4	Please confirm availability of Rack Mount Server space in existing cabinet for Remote Monitoring SCADA Server?	Bidder to consider the panel in its scope. The space is not available.

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5	What are expected number of web-based users to monitoring the client software and web-reports?	10 Users (maximum)
6	Do we need to offer Software only for the web-based users or workstations are also required.	Workstation at Plant site and at Head office is required along with the software.
7	Do you need any furniture (table & Chair) for the workstations?	No furniture is required.
8	Referring to Section 3.7 in Specification for Lot-I, please elaborate data and software redundancy for plant life in case of solution offered is based on Annual Subscription instead of Perpetual.	The Software shall be deployed for the life time of project, the annual fee shall be paid on annual basis to the successful bidder. Company will not enter into separate Annual Contract every year.
9	Please confirm online retention duration of trends and data for Hardware Sizing purpose for remote clients?	90 days at least.
10	Please clarify if there is any existing VPN currently between Head Office and Power Plant, and bandwidth available?	Dedicated Internet Connection (5MB Link) is available at site and head office.

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11	Please clarify if provision of IT and Networking equipment for VPN is available will be in customer scope?	Dedicated Internet Connection is already available at site.
12	Please confirm if any hardware is required for the complete job Lot 1 & 2 other that workstations / SCADA Servers.	Bidder to understand the scope with available documents or site visit and suggest accordingly to meet the technical specifications requirements.
13	Which present PLC is installed on Plant.	The details are present in the doc no. H194-I-D-0225 Technical protocol of Comprehensive Automation System which is part of RFP documents.
14	Reference drawings in SCADA signal list are not available. Please confirm the I/Os are hard wired and terminated.	Details are present the supporting documents provided with the RFP documents.
15	Please provide list of additional signals to be required in SCADA.	Refer Technical Scope of Work for details of Monitoring requirements. Bidder to estimate the no. of signals to comply the technical specifications.
16	What are the possibilities to integrate with present SCADA.	Present SCADA is NR Electric Make and based on Industry Standard Protocols such as IEC 61850, Modbus etc. The bidder to review the details in document H194-I-D-0225. Bidder can visit the site to get more insight into the existing system.
17	Number of Operator Stations required?	02 Nos. Total. (One at Head Office and One at site)
18	Can you please clarify more about the Energy forecasting system required at Solar park?	The energy forecasting is to be done by the new SCADA software based on algorithms which take input from real time weather data and can forecast based on historical Weather & Production data.