SEDONA-OAK CREEK UNIFIED SCHOOL DISTRICT
ORCHESTRATE by Veregy

Project Scope Description	INCLUDED ITEMS
Provide and install new AWS Cloud Server at the request of John Parks.	✓
Provide BACnet and VPN router panel for Cloud integration	✓
Provide and Install the ORCHESTRATE Software Apps to integrate the New Niagara Control System software, Gridcap Utility Optimization, FMX Facilities and Resource Management, and Fusebox Measurement and verification reports	✓
Intergrate the Fusebox reporting into the ORCHESTRATE	✓
Develop a Sedona ORCHESTRATE home page for ease of user interface to all ORCHESTRATE Apps.	✓
Provide and Install the Non-Proprietary Niagara 4 Supervisor Software	✓
Provide and Install the Non-Proprietary Enysion GUI software on the Cloud Server	✓
Provide and Install the Gridcap Demand Management software for Sedona on the Gridcap Cloud site	✓
Provide and Install the FMX Cloud base Software for Facilities and Resource Managemnet	✓
Intergrate the FMX software into the controls system software and into the ORCHESTRATE home page	✓
Develop and Program into the Gridcap Beacon device custom Electrical Demand Management strategies based on the Actual Electric Rate Structure	✓
Intergrate the Fusebox reporting into the ORCHESTRATE home page	✓
Create custom graphics interface using Envysion HTML5 based Envysion software. New graphics are mobile friendly and compatible with modern web browsers for K-12 Building	✓
Provide Gridcap Energy Dashboard with real time electrical KWH graphs and data	✓
Optimize the existing DELTA control algorithms to solve comfort issues and to increase efficiency.	✓
Provide and install three (3) Gridcap Panels, one for each meter. The panels include, Gridcap Beacon IT Device, power meter, and CT's	✓
Tie Building Automation Schedules into FMX Schedule Request module to automatically schedule HVAC system when spaces are reserved for events.	✓
Tie Building Automation Alarms into FMX Maintenance Request module to automatically alert and track mechanical and building automation issues. Utilize these alerts for automatic runtime based preventative maintenance.	✓
Assist John Parks with pulling the District Office into Delta after WAN conversion	✓
Replace Bad Controllers and Thermostats (4) at Red Rock High School (D116, B130E, C108S, Kitchen)	✓
Replace Bad Controller and Thermostat (1) at West Sedona (200 IDF)	✓
Install BACnet and VPN router panel in District mechanical room. Pull data cable and power to panel.	✓
Install BACnet and VPN router panel in District mechanical room. Pull data cable and power to panel.	✓
Project Cost	**$215,000**