

## Proposal

Project Name: **Orland Sportsplex McQuay RTU Upgrade**

Date: **August 24, 2016**

Client Name: **Village of Orland Park**

Project Description:

Automatic Building Controls, LLC is pleased to quote the **Orland Park Sportsplex** building automation system modification described below. The proposed system upgrade provides for total compatibility with the facility and incorporates all functions of the current design.

Automatic Building Controls, LLC will provide the materials, programming, and labor necessary to upgrade the control system for five (5) RTU's at the Orland Park Sportsplex. New MSTP communication cable will be run to each unit from the existing Alerton frontend and new BACnet VisualLogic controllers will be installed and wire at each unit. ABC must bypass the McQuay Microtek control board and wire to all control points for full control of each unit. Sensor's relays and current sensors will also be installed for unit status purposes. Programming of each unit from the frontend system is included for this project. Test & run status verification.

***Note: Installing the new MSTP communication trunk and BACnet controller for each unit at this time will accommodate any BACnet RTU replacement in the future.***

Note: All other existing field level control components such as terminal unit controllers, sensors, relays, switches, and other related devices will remain intact and be fully compatible with the modernized Alerton Technologies operating platform.

Scope of Work:

- Furnish field level controllers (VLC) VisualLogic Bacnet devices
- Furnish new MSTP communication cable
- Furnish required communication peripherals
- Furnish all miscellaneous materials (CT's, Sensor's & Relays)
- Provide program labor necessary for integration
- Provide electrical labor to install new field level controllers & MSTP cabling
- Work to be completed at:  
Sportsplex  
Orland Park, IL. 60462

The base cost for this project includes the following materials and labor:

- Visiologic field level controllers (VLC)
- Required panels, circuit breakers, transformers, and wiring
- Electrician hours to install VLC's and new Bacnet comm. trunk
- Field engineering programming hours necessary to set up program for each unit

**Total Cost** **\$55,437.00**

Pricing excludes:

➤ This quote is based on existing mechanical components being in good working order. Repair and/or replacement cost of components not specifically mentioned is considered beyond the scope of work for this proposal.

This **proposal is valid for 60 days** and is based on **preferred** customer rates.

*Proposed by:*

**Automatic Building Controls, LLC**

Rolly Persenico  
Name

*Accepted by:*

**Village of Orland Park**

Client Name

Rolly Persenico 8/24/16  
Signature Date

Signature Date

**The total cost reflects Alerton Technology pricing on BACtalk components as of 7/1/16. Price is subject to change after the 60 day proposal period based on component costs.**

**Automatic Building Controls, LLC**  
**efficiency. performance. sustainability.**