



Change Order

Owner/ Contractor: City of Arden Hills

Project Address: 1245 Hwy 96 Arden Hills, MN 55112

Change Order #: 3

Items included Change Proposal Price:

New Building Outdoor Air Temp/Humidity: Johnson Controls will install and program a new building master outdoor temp and humidity sensor on the north wall of the building. This will be wired to the new heating system controller in the boiler room, and mapped to the other systems on the BAS. The current outdoor air sensors are in poor locations and are not accurate. Adding a humidity sensor will also allow better economizer determination to prevent bringing humid air into the building.

AHU-1 Supply/Return Fan Status: Johnson Controls will connect supply and return fan statuses to the respective VFD run status contacts. Currently there are no status points on the BAS for these fans, and our new programming requires status inputs for the control loops to function. It will also be beneficial for the operator to see actual fan status points for the fans for trending and alarming.

AHU-2 Return Fan Status/Command: Johnson Controls will install a current relay in the AHU-2 return fan starter to monitor fan status. Currently there is no status point on the BAS for this fan. We will also give the return fan its own dedicated start command. Currently it is landed on the supply fan command output. This will also be beneficial for the operator to see an actual return fan command and status point for trending and alarming.

Electrical Subcontractor Cost for Control Wiring

Scope Exclusions:

- Premium Time

Not Valid Until Signed by Owner/General contractor and subcontractor(Air Express Inc)

The Original Contract Sum \$ 268,560.00

Contract Sum prior to above change order(previous change order amount included and will be counted a prior net sums) \$ 268,560.00

The contract sum will be increased by this amount \$ 6,221.00

The new contract sum including this change order is \$ 274,781.00

Does this change the completion date ? Yes No

If yes please specify new completion date / /

Subcontractor:

Name: Air Express Inc.

Title: Project Manager

Signature: Mark Sharkewich

Date: 03/09/2021

Owner/General Contractor

Name: _____

Title: _____

Signature: _____

Date: _____