



## Request for Council Action

**TO:** Mayor and City Council  
**THROUGH:** Tim Murray, City Administrator  
**FROM:** Paul J. Peanasky, Parks & Recreation Director  
**MEETING DATE:** March 24, 2020  
**SUBJECT:** Approve Quotes to Upgrade HVAC Controls for Buckham Center, City Hall, Fire Station and Police Station

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### Background:

We recently requested quotes to upgrade the Heating, Ventilation and Air Conditioning (HVAC) controls for Buckham Center, City Hall, Fire Station and Police Station. In the 2020 CIP, \$119,000 was budgeted for these projects. We could only find one company that both updates existing systems from Andover to Structureware (Ecostructure) and also installs new systems. That company is Paape Companies. UHL Company replaces systems and Egan installs new systems.

We received two quotes for these upgrades as listed below:

	<u>Paape Companies</u>	<u>UHL Company &amp; Egan</u>
Buckham Center	\$16,580	\$22,500 (UHL)
City Hall	22,920	27,000 (UHL)
Fire Station	11,510	14,250 (UHL)
Police Station	<u>67,150</u>	<u>71,300</u> (Egan)
Total	\$118,160	\$135,050

Low quote received was from Paape Companies in the amount of \$118,160.

### Recommendation:

Staff recommends approve of the bid of \$118,160 from Paape Companies to upgrade the HVAC controls for Buckham Center, City Hall, Fire Station and Police Station.

### Attachments:

- Quotes



307 McKinzie Street South  
 P. O. Box 1  
 Mankato, Minnesota 56002  
 507-345-4828

**Dated:** 1-3-20  
**To:** Paul Peanasky  
**Project:** Buckingham Center  
 Cyberstation to Ecostructure Conversion  
**Project Address:** Faribault, MN

## Proposal

Thank you for the opportunity to submit the following proposal to perform the scope of services outlined below.

**Included in our Proposal:** Cyberstation to Ecostructure Conversion

- AS-P (Automation Server) provided by **Paape**
- AS-P power supply provided by **Paape**
- Update Graphics, programming for Web Interface provided by **Paape**

**Not Included in our Proposal:**

- Existing field controllers will be re-used
- Parts/labor required to correct any problems due to defective equipment found during conversion

**TOTAL** **\$16,580.00**

Paape Companies, Inc.

*Al Vossen*

Al Vossen-Mankato Division Manager

## Acceptance of Proposal

Signature: \_\_\_\_\_  
 Name & Title: \_\_\_\_\_  
 Date: \_\_\_\_\_



307 McKinzie Street South  
 P. O. Box 1  
 Mankato, Minnesota 56002  
 507-345-4828

**Dated:** 1-3-20  
**To:** Paul Peanasky  
**Project:** City Hall  
 Cyberstation to Ecostructure Conversion  
**Project Address:** Faribault, MN

## Proposal

Thank you for the opportunity to submit the following proposal to perform the scope of services outlined below.

**Included in our Proposal:** Cyberstation to Ecostructure Conversion

- AS-P (Automation Server) provided by **Paape**
- AS-P power supply provided by **Paape**
- Update Graphics, programming for Web Interface provided by **Paape**

**Not Included in our Proposal:**

- Existing field controllers will be re-used
- Parts/labor required to correct any problems due to defective equipment found during conversion

**TOTAL** **\$17,070.00**

**Included in our Proposal:** Add discharge air temp. sensors to VAV boxes

Existing (20) Lower Level/1<sup>st</sup>/3<sup>rd</sup> floor VAV boxes

- Discharge air temp. sensors provided by **Paape**
- Programming provided by **Paape**

Existing (9) 2nd floor VAV boxes

- B3-865 controller provided by **Paape**
- Discharge air temp. sensors provided by **Paape**
- Programming provided by **Paape**

**TOTAL** **add** **\$5,850.00**

Paape Companies, Inc.

*Al Vossen*

Al Vossen-Mankato Division Manager

## Acceptance of Proposal

Signature: \_\_\_\_\_  
 Name & Title: \_\_\_\_\_  
 Date: \_\_\_\_\_





307 McKinzie Street South  
P. O. Box 1  
Mankato, Minnesota 56002  
507-345-4828

**Dated:** 1-8-2020  
**To:** Paul Peanasky  
**Project:** Faribault Police Department  
Alerton- Schneider Electric DDC conversion  
**Project Address:** Faribault, MN

## Proposal

Thank you for the opportunity to submit the following proposal to perform the scope of services outlined below.

**Included in our Proposal:** Replace Alerton control system with Schneider Electric RTU-1

- VAV unit – 28 VAV's with HW Reheat
- Re-use existing valves / sensors
- Duct Pressure
- DX Cooling
- Modulate HW Heat
- Modulate OA/RA Dampers
- Supply Fan SS/Mod/Stat
- Return Fan SS/Mod/Stat

**AHU-1**

- VAV unit – 4 VAV's with HW Reheat
- Re-use existing valves / sensors
- VAV unit – 10 FPVAV's
- Duct Pressure
- 3 DX stages
- Modulate HW Heat
- Modulate OA/RA Dampers
- Supply Fan SS/Mod/Stat
- Return Fan SS/Mod/Stat

**Boilers / Pumps**

- B-1, 2
- P-1, 2, 3, 4
- HW Diff. Pressure
- Pump SS/Mod/Stat
- Boiler Setpoint Mod.





**Uhl Company**  
9065 Zachary Lane N  
Maple Grove, MN  
55369  
Phone: 763-425-7226  
Fax: 763-425-7336  
[www.uhlcompany.com](http://www.uhlcompany.com)

March 3, 2020

**Subject: Buckingham center**

Dear Estimator:

Thank you very much for the opportunity to serve your needs. We have carefully investigated the specific requirements of Buckingham Center and are pleased to offer the following **Base Bid Scope**:

1. Provide Ecostructure AS-p to existing Andover Controls.
2. Electrical wire, conduit and miscellaneous electrical material for the DDC system.
3. Complete DDC programming, startup, and checkout. Owner training will be provided at the completion of the job.

Your investment in this scope of work is: **\$22,500.00**

Thank you again for the opportunity to serve your needs. If you have any additional questions, please call 763-425-7226. We look forward to working with you. Proposal valid for 60 days.

Sincerely,

*Corey Stauffenecker*

Sales Manager



**Uhi Company**  
9065 Zachary Lane N  
Maple Grove, MN  
55369  
Phone: 763-425-7226  
Fax: 763-425-7336  
[www.uhicompany.com](http://www.uhicompany.com)

March 3, 2020

**Subject: City Hall**

Dear Estimator:

Thank you very much for the opportunity to serve your needs. We have carefully investigated the specific requirements of Buckingham Center and are pleased to offer the following **Base Bid Scope**:

1. Provide Ecostructure AS-P upgrade to existing Andover Controls.
2. Electrical wire, conduit and miscellaneous electrical material for the DDC system.
3. Complete DDC programming, startup, and checkout. Owner training will be provided at the completion of the job.

Your investment in this scope of work is: **\$19,250.00**

**Alternates:**

1. Add discharge sensors to (20) Andover VAVS. **ADD.....\$7,750.00**

Thank you again for the opportunity to serve your needs. If you have any additional questions, please call 763-425-7226. We look forward to working with you. Proposal valid for 60 days.

Sincerely,

*Corey Stauffenecker*

Sales Manager





**Uhl Company**  
9065 Zachary Lane N  
Maple Grove, MN  
55369  
Phone: 763-425-7226  
Fax: 763-425-7336  
[www.uhlcompany.com](http://www.uhlcompany.com)

March 3, 2020

**Subject: Fire Station**

Dear Estimator:

Thank you very much for the opportunity to serve your needs. We have carefully investigated the specific requirements of Buckingham Center and are pleased to offer the following **Base Bid Scope**:

1. Provide Ecostructure AS-P upgrade to existing Andover Controls.
2. Electrical wire, conduit and miscellaneous electrical material for the DDC system.
3. Complete DDC programming, startup, and checkout. Owner training will be provided at the completion of the job.

Your investment in this scope of work is: **\$14,250.00**

Thank you again for the opportunity to serve your needs. If you have any additional questions, please call 763-425-7226. We look forward to working with you. Proposal valid for 60 days.

Sincerely,

*Corey Stauffenecker*

Sales Manager



MECHANICAL  
 ELECTRICAL  
 ENGINEERING & DESIGN  
 CURTAINWALL/GLAZING/  
 PANEL SYSTEMS (INTERCLAD)  
 MILLWRIGHTS  
 FABRICATION  
 BUILDING SYSTEMS  
 CONTROLS & SYSTEM  
 INTEGRATION  
 SERVICE

January 29, 2020

City of Faribault  
 Attn: Paul Peanasky  
 1816 Northwest 2<sup>nd</sup> Avenue  
 Faribault, MN 55021

Project: Police Department Building – Schneider Electric Integration Project

**SCOPE / DESCRIPTION OF WORK**

Provide a new Schneider Electric Building Automation System at the Faribault Police Department. This system will include the required Schneider Electric System Level controller and EcoStruxure software.

From information provided to Egan the following existing equipment will be integrated:

- RTU-1 w/ (28) VAVs
- AHU-1 w/ (4) VAVs & (10) FPVAVs
- Boilers B-1, 2
- HW Pumps P-1, 2, 3, 4
- MAU-1, 2
- EF-1 thru 9
- UH-1 thru 5
- CUH-1 thru 3

- This proposal includes electrical work to remove and replace the existing Alerton control system controllers and install new Schneider AS-P, and Schneider Electric field controllers.
- Includes all BAS system level programming/software including development of new graphic user interface, and site level programming for schedules, alarming and trending.
- Includes engineering site visit to confirm base user interface, integration points list and site specific requirements.
- Includes travel costs for electrical and technician as required.

**ESTIMATED COST                    \$71,300.00**

**EXCLUSIONS**

*Any deficiencies in operation will be noted.  
 Premium installation hours*



Thank you for considering Egan Company for the opportunity to provide you with this proposal and we look forward to partnering with you.

**CONTACT**

Kirk Wahlstrom  
Building Automation – Group Manager