

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL MAKE-UP AIR UNIT AND HEAT RECOVERY UNITS REPLACEMENT

BACKGROUND:

On April 28, 2015, Council awarded a contract to Mechanical Comfort of Ames, Iowa in the amount of \$297,141. This contract project included the replacement of four heating and ventilation units at the Water Pollution Control (WPC) Facility. This included the following units:

- Raw Water Pump Station (RWPS) grit alley make-up air unit
- Solids Contact Building heat recovery units (2)
- Digester Complex heat recovery unit

The make-up air unit serving the RWPS grit alley is used to provide ventilation and seasonal heating to the space. The grit alley can develop a hazardous atmosphere, and the make-up air unit ensures that WPC staff can safely access the space at all times. The Solids Contact and Digester heat recovery units provide the necessary heat in the winter months to maintain an appropriate temperature for the equipment.

A single change order was approved in the amount of \$205 for a differential pressure switch to be installed in the Digester Complex heat recovery unit. The change order brings the total project cost to \$297,346. All work has been completed on January 18, 2016 in accordance with the approved plans and specifications. A copy of the Engineer's Certification of Completion is attached.

ALTERNATIVES:

1. Approve completion and authorize final payment, in accordance with the contract, to Mechanical Comfort of Ames, Iowa for the replacement of the WPC Facility make-up air unit and heat recovery units.
2. Do not accept completion of the WPC Facility make-up air unit and heat recovery units replacement project at this time.

MANAGER'S RECOMMENDED ACTION:

Work for the project has been completed in accordance with plans and specifications. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving completion and authorizing final payment to

Mechanical Comfort of Ames, Iowa for replacement of the WPC Facility make-up air unit and the heat recovery units.

CERTIFICATE OF COMPLETION

**Makeup Air Unit & Heat Recovery Unit Replacement
Water Pollution Control Plant
Ames, Iowa**

It is our understanding that the Contractor has fixed the items listed in our Site Observation Report dated 11-9-2015, to the complete satisfaction of Ames Water Pollution Control Plant personnel.

As Engineers for the project, it is our opinion the work performed is substantially complete and is in accordance with the plans and specifications.

VEENSTRA & KIMM, INC.

Accepted: CITY OF AMES, IOWA

By *Panyala N. Reddy*

By _____

Title Project Manager

Title _____

Date 1-18-2016

Date _____