

COUNCIL ACTION FORM

SUBJECT: COMPLETION OF WPC FACILITY BASIN LINER REPLACEMENT PROJECT

BACKGROUND:

On September 11, 2012, the Ames City Council awarded a contract to Ames Trenching & Excavating, Inc. of Ames, Iowa in the amount of \$105,900 to provide all labor, equipment, materials, and other components necessary to complete the WPC Facility Equalization Basins 1 & 2 and Biosolids Basin Liner Repair Project.

The first step of the repair project was to clean out residual materials in the basins, at which time the need for additional repairs was discovered. The consulting engineer provided an assessment of the situation and recommended the City pursue emergency replacement of the liners for all three basins. Plans and specifications were updated to this effect and change orders inquiries were made by staff.

On November 27, 2012, the Ames City Council approved the following change orders and budget amendments (Resolution No. 12-610) pursuant to the emergency replacement:

- a. Change Order #1 add to the contract with Ames Trenching of \$231,084 for a new contract total of \$336, 984.
- b. Change Order add to the contract with Nutri-Ject for cleaning and dewatering of the basins. The increase was estimated at \$188,564.00.
- c. Change Order add to the contract with FOX Engineering of \$7,000 for a new contract total of \$22,000.
- d. Budget amendments as detailed in the Supplemental Information for Council Action Form Item #19, dated November 27, 2012 totaling to \$654,058, including a 20% contingency.

On December 31, 2012, staff approved Change Order #2 with Ames Trenching of \$10,922.75 for additional work and materials for a new contract total of \$347,906.75.

Fortunately the full estimate for cleaning and dewatering the basins was not needed, and only a small portion of the contingency was utilized. **The net result is a final cost**

that was approximately \$169,000 less than had been authorized by the Council. This amount will be returned to the Sewer Fund.

The final project costs are as shown below.

Ames Trenching	\$ 347,906.75
Nutri-Ject (repair only)	\$ 115,083.14
FOX Engineering	<u>\$ 22,000.00</u>
Total	\$ 484,989.89

As of July 9, 2013, work for the WPC Facility Equalization Basins 1 & 2 and Biosolids Basin Liner Repair Project was completed in accordance with the contract and City of Ames specifications. An Engineer's Statement of Completion has been received and is attached. It is the recommendation of staff to accept completion of the work by Ames Trenching and FOX Engineering and authorize final payments. The contract paperwork with Nutri-Ject should be ready for acceptance by Council in August.

ALTERNATIVES:

1. Accept completion of the WPC Facility Equalization Basins 1 & 2 and Biosolids Basin Liner Repair Project and authorize payment in accordance with the contracts awarded to Ames Trenching & Excavating, Inc. in the amount of \$336,984 and FOX Engineering in the amount of \$22,000.

This action does not include acceptance of the Nutri-Ject contract. That work will be accepted at a later date.

2. Do not accept completion of the WPC Facility Equalization Basins 1 & 2 and Biosolids Basin Liner Repair Project.

MANAGER'S RECOMMENDED ACTION:

An Engineer's Statement of Completion has been prepared by Keith Hobson of FOX Engineering certifying that all work on the emergency basin liner replacement project has been satisfactorily completed. Contract paperwork for Ames Trenching and for FOX Engineering is finalized, and their work is ready to be accepted by Council. Acceptance of the portion of work performed by Nutri-Ject will take place at a later date when that contract paperwork is completed.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting completion of the WPC Facility Equalization Basins 1 & 2 and Biosolids Basin Liner Repair Project contracts with Ames Trenching & Excavation, Inc., issuing payment in the amount of \$336,984 and FOX Engineering issuing payment in the amount of \$22,000. The unspent funds previously authorized by Council will be returned to the Sewer Fund.

Engineer's Statement of Completion

Project: WPCF Equalization Basin & Biosolids Basin Repairs	Date of Contract: September 11, 2012
Owner: City of Ames, Iowa	Owner's Contract No.: 2013-010
Engineer: FOX Engineering	Engineer's Project No.: 2394-11A
Contractor: Ames Trenching	

I hereby state that the construction of WPCF Equalization Basin & Biosolids Basin Repairs project by a Contract dated September 11, 2012 has been satisfactorily completed in general compliance with the terms, conditions, and stipulations of said Contract.

The work was completed on July 9, 2013.

I further state that the total amount due to the Contractor for the fulfillment of said Contract is \$347,906.75.

The derivation of this total amount is tabulated as follows:

Original Contract Price:	\$109,500.00
Total of Change Orders:	<u>\$238,406.75</u>
Revised Contract Price:	\$347,906.75

Signed:

FOX Engineering Associates

By: Keith L. Webb

Iowa Registration No.: 12783

Date: 7-18-13

FOX PN: 2394-11A

Accepted by:

City of Ames, Iowa

Resolution: _____

Date: _____

Signed: _____

Title: _____

Attest: _____

Distribution:

Engineer

Contractor

Owner