



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit

263-8152

MEMORANDUM

To: Randy Hill, Public Works Director

FROM: Jon Lutz, City Engineer

DATE: December 20, 2013

RE: Air Release Valve Replacement – Accept completed work

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

INTRODUCTION:

This project included removal and replacement of deteriorated manhole structures and air release valve components at eight locations on the south end sanitary sewer force mains. Excessive amounts of gas generated in the lines have discharged at the treatment plant causing dangerous and undesirable conditions. This contract is phase 1 of a 3 phases necessary to correct the problems.

Plans and specifications for the project were prepared by the City engineer. The City of Muscatine entered into an agreement with Cornerstone Excavating on October 3, 2013 in the amount of \$93,700.00 for manhole and valve replacement work. All work has been completed and the project is ready to close out.

BACKGROUND:

This sewer project was undertaken to provide the following:

1. Repair nonfunctioning valves on the south end force mains.
2. Eliminate excessive gas venting at the wastewater treatment plant.
3. Provide non-corrosive the valve components to extend life of the system.

No change orders or bid item adjustments were necessary. The final contract amount is \$93,700.00. The contractor has not submitted for partial payment on this contract due to the short construction duration. The city inspector Steve Dalbey and the city engineer have examined the work and verified all punch list items have been corrected.

RECOMMENDATION/RATIONALE:

It is the City Engineer's recommendation to accept the completed improvements and issue final payment of \$89,015.00 with payment of 5% retainage in the amount of \$4,685.00 after 30 days.

BACKUP INFORMATION:

1. Pay Application 1

RESOLUTION NO. _____

RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER

**AIR RELEASE VALVE REPLACEMENT PROJECT
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the Air Release Valve Replacement Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with Cornerstone Excavating for \$93,700.00 with no change orders; and

WHEREAS, all work under the contract has been completed by Cornerstone Excavating and approved and accepted by the City Engineer and appears to meet the requirements of the Plans and Specifications heretofore adopted by this Council, as evidenced by the Project Engineer's Certificate; and

WHEREAS, the amount of \$-0- has been previously paid to Cornerstone Excavating and a balance of \$93,700.00 including 5% retainage remains due and payable;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, that the City of Muscatine make immediate payment of \$89,015.00 to Cornerstone Excavating for completed and accepted work under the Air Release Valve Replacement Project and thereafter make an additional payment of \$4,685.00 which represents 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 2nd DAY OF JANUARY, 2014.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: _____
DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator