



MEMORANDUM

Water Pollution Control Plant
 1202 Muscatine Street
 Muscatine, IA 52761-1645
 (563) 263-2752
 Fax (563) 263-3720

WATER & RESOURCE RECOVERY FACILITY

To: Greg Jenkins, Interim City Administrator

CC: Nancy Lueck, Finance Director
 Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: May 29, 2020

Re: Request To Authorize Installation Of Approved Pressure Washer

INTRODUCTION: WRRF staff have received two quotes for the installation of natural gas lines, water lines and power service for the recently approved pressure washer. The low bid received was from Rivo, Inc. in the amount of \$21,000.00. The other bid was from Hometown Plumbing and Heating in the amount of \$29,965.00. A bid was requested from Kirk Butcher Plumbing and Heating, Inc. but was not submitted after multiple requests.

BUDGET: This will be paid from funds remaining in the deferred Roughing Filter Top Layer Project that has \$54,000.00 remaining in it.

BACKGROUND: The WRRF requires a heated pressure washer to clean large greasy pumps that are removed and brought to the shop for repair. The pressure washer is also used to clean trucks and the large tractors used to apply biosolids that are covered in biological material at the end of the season and must be cleaned with hot water. There are multiple new uses for the washer including the need for high pressure hot water cleanup of fats, oils and grease (FOG) at the new Liquid Waste Receiving (LWR) Station. The trucks that deliver the FOG to the LWR will also be able to clean out their tankers to remove more beneficial material requiring larger volumes of water than portable units can provide. The new washer will have two stations for multiple site use.

Midwest Pressure Washer provided a good \$2,100.00 municipal discount for the unit approved May 21, 2020. This is why we are purchased the unit separate from the installing contractor.

RECOMMENDATION/RATIONALE: Staff recommends issuing a purchase order to Rivo, Inc. to install the new pressure washer including plumbing and power in the amount of \$21,000.00.

BACKGROUND: Two quotes



RIVO, INC.

PLUMBING & HEATING

City of Muscatine
1202 Musser Street
Muscatine, Iowa 52761
Attn: Jon Koch

June 6, 2020

We are pleased to provide the following bid:

WRRF Pressure Washer Installation Project

Total **\$21,000.00**

Scope of Work:

Please note the change on items 5,6, & 10 from the City of Muscatine's original scope.

1. Install pressure washer, remote stations, wall mount brackets and hose reels provided by the City of Muscatine in the location directed by City staff.
2. Extend domestic cold-water piping from an adequate water supply identified by City staff to supply the new pressure washer.
3. Extend natural gas piping from a pipe of adequate capacity to supply the new pressure washer.
4. Provide and install hot water pressure piping from new pressure washer to two locations identified by city staff.
5. Provide and install flue piping through sidewall **per manufactures recommendations**. Including draft Inducer and controls for operation.
6. Sidewall modifications to accept new flue piping.
7. All necessary electrical work – based upon a 480V/3PH unit
8. All necessary equipment and tooling for a complete installation.
9. Permits
10. Provide and install powered louver for combustion air (required).

Included in this price is Sch 80 Galvanized pipe and fittings to install high pressure hot water to the hose reels. For an Additional \$1,800.00 we can use Stainless Steel piping and fittings for increased durability and longevity of the piping system.

Flexible connections provided to hose reels from rigid piping to aid in removal and service longevity.

Respectfully,

Jake Evans

Pricing valid for thirty days

3% transaction fee will be added if paid with credit / debit card

If the Contractor encounters conditions at the site that are subsurface or concealed that differ materially from those indicated in the Contract Documents or unknown physical conditions of an unusual nature, that differ materially from those ordinarily found to exist and recognized as inherent in construction activities of the character provided for in the Contract Documents, the Contractor shall promptly provide notice to the owner before conditions are disturbed. The Contractor will promptly investigate the conditions and determine if they differ materially and cause an increase in the Contractors cost of or time required. The Contractor will recommend an adjustment in the contract sum or contract time.

1109 Grandview Ave
Muscatine, Iowa 52761

Phone: 563-264-8934
Fax: 563-264-3944



HOMETOWN

PLUMBING & HEATING

EXPERIENCE. INTEGRITY. QUALITY. SAFETY.

June 5, 2020

Water & Resource Recovery Facility
1202 Musser St.
Muscatine, IA 52761

Attn: Jon Koch
Water & Resource Recovery Director

Re: Water & Resource Recovery Facility – Pressure Washer Project
Muscatine, IA

Dear Jon;

Thank you for the opportunity to provide pricing to relocate the pressure washer at your Muscatine, IA facility project. We propose to furnish labor, material and equipment to complete the installation of a pressure washer purchased by the City of Muscatine per our walkthrough on May 8, 2020 and the following:

Scope of Work Included:

1. Install pressure washer, remote stations, wall mount brackets and hose reels provided by the City of Muscatine in the location directed by City staff
2. Extend domestic cold water piping from an adequate water supply identified by City staff to supply the new pressure washer
3. Extend natural gas piping from a pipe of adequate capacity to supply the new pressure washer
4. Provide and install hot water pressure piping from new pressure washer to two locations identified by City staff
5. Provide and install flue piping through the west wall with a wall-mount induced draft fan
6. Provide and install combustion air opening, damper and controls
7. All necessary electrical work – based upon a 480V/3PH unit
8. All necessary equipment and tooling for a complete installation
9. Permits

Not included:

1. Prevailing or Davis Bacon wage rates
2. HVAC work, communication or security work
3. Fire Protection work/sprinkler work or backflow preventer for such systems
4. Pressure washer, remote stations, wall mount brackets, hose reels and hoses
5. Insulation and heat trace of piping
6. Sales tax, bonds, fees, liquidated damages or contingencies

If you have any questions, or require additional information, please feel free to contact me.

PRESSURE WASHER INSTALLATION TO BE COMPLETED FOR THE SUM OF: \$29,965.00 (PRICE IS GOOD FOR 30 DAYS)

Thank you for the opportunity to quote this project,

Steve Brown
Project Manager