



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

MULTI-PURPOSE ROOM

Wednesday, August 24, 2022

CITY HALL, 700 EDISON STREET

5:30 PM

Call to Order

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Approval of the Minutes from the July 27, 2022 Meeting
2. Sprinkler Credit Extension Request for 312 S Clermont Street (requested by Jaime Horswill)
3. Consider Additional Funding for the Replacement of the Wastewater Treatment Plant's Boiler Heating System Subject to a Value Engineering Review of the Bid Specifications as Submitted by the Contractor
4. Consider a Professional Design/Bid/Inspection Services Agreement with Strand Associates for Repairs to the Potable Water Supply System at the Wastewater Treatment Plant

Any Other Matters Authorized by Law to be Considered

Adjournment

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact Cheryl Barta, 700 Edison Street, Antigo, Wisconsin 54409. (715) 623-3633 extension 100. Members of and possibly a quorum of members of other governmental bodies may be in attendance to gather information. Any governmental body other than that specifically referred to above will take no action.

DATE MAILED: August 18, 2022

TOM BAUKNECHT

Public Works Committee:

I own the property at 312 South Clermont Street. Approximately 5 years ago, I purchased the property to the north (306 S Clermont Street). I had the house on that property torn down, consolidated the lots and built on to my current home. I have tried to establish a lawn on the previous 306 S Clermont property with no luck. This summer I had top soil brought to the property; spread and seeded.

I live in Zone 3 of the City and the sprinkler credit ends the third week of August. I have been watering all summer to keep the seedlings healthy and with the dry weather continuing, I am requesting an extension of the sprinkler credit for one month to keep my grass healthy until the end of the growing season.

Thank you for your consideration,

Jaime Horswill

Jaime Horswill
715-527-8438

Attachment: Sprinkler Credit Request (5693 : Sprinkler Credit Request)



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: August 24, 2022
Re: Consider Additional Funding for the Replacement of the Wastewater Treatment Plant's Boiler Heating System Subject to a Value Engineering Review of the Bid Specifications as Submitted by the Contractor

A single bid, from Fore-Front Mechanical, Inc., for the replacement of the Wastewater Treatment Plant's boiler system amounted to \$152,500. An alternate bid from Forefront, for the placement of two smaller boilers in lieu of the single system, amounted to an additional \$2,500 if selected.

The original project scope from 2 years ago projected an estimated cost of \$60,000. At the time of the bid solicitation last month, the design estimate of cost was set as \$85,000. A couple of options are available for your consideration:

- Review the "value" engineering recommendations from the vendor and consider advancing the project in 2022 at a reduced cost (see attached information)
 - Subject to a continuity review by the designer
 - Requires an increase in the 2022 budget funds (from plant replacement balance)
- Re-bid the project this winter for a 2023 replacement
 - Set a new estimated project amount in the 2023 Budget

The existing boiler is original to the 1979 plant construction; it is reaching the end of its useful life. Repair parts continue to be a challenge to secure and will only place further operating burdens as time passes.

We hope to have a recommendation from the project designer regarding the proposed "value" engineering recommendations from the contractor. This information will be shared either when it is received or during the night of the Public Works meeting.

Please feel free to contact Terry Kubiacyk or me if you have any particular questions in advance of the meeting.



FORE-FRONT

MECHANICAL, INC.

City of Antigo
 700 Edison Street
 Antigo, WI 54409
 Attention: Terry Kubiacyk
 Facility: Antigo Wastewater Treatment Plant

Date: 7/19/2022
 FFM Job# 0622-053

The City of Antigo Wastewater Treatment Plant and System Update

We are pleased to provide and install the following scope.

- Provide Boiler system as per plan and Specifications.
- All Equipment Selected as per Basis of Design.
- FFM will communicate progress on a weekly Basis.
- FFM will conduct Project meetings for owner and all contractors.
- FFM will provide Submittals and Operation & Maintenance Manuals.
- Factory Start up and Owner Training included.
- Standard Factory Warranty included on all Equipment.
- FFM will Warranty Workmanship for 1 year.
- Project to be completed by October 1st, 2022.
 (Pending all Equipment ships prior to Sept 12th 2022).
- Includes city of Antigo permit fee of \$35.00
- Includes Line voltage electrical with Rigid Conduit to all Equipment
- FFM will provide Variable Frequency Drives for Secondary Pumps (No bypass)
- Work performed during normal business hours M-F 7am -4pm.

Base Bid Price \$152,500.00

Excludes: Taxes, Bonding and DDC Controls

Alternate: Provide and Install (2) NTI, model TFT399 Boilers in lieu of (1) NTI, model FTG800 Boiler.

The Heating Efficiency, Capacity and Turndown are very similar.

This alternate will offer some redundancy in the event one Boiler is not operational.

The Model TFT399 is more common for Service and Parts availability.

This alternate includes all features as per Plans and Specifications.

The two Boilers will be installed on the single existing housekeeping pad.

The Boilers will be independently Vented with 4" Flue Pipe Venting and 6" Combustion Air Venting.

A Future Boiler can still be applied as per plan.

Alternate: Base Bid Price Add: \$2,500.00

Excludes: Taxes, Bonding and DDC Controls

If you have any questions or concerns regarding this proposal.
 please don't hesitate to call me. 715-846-0565. Or Email kpilgrim@ffmech.com

Thank You, Kent Pilgrim FFM

6056 N. 39TH AVE. Wausau, WI 54401 PH. 715.241.0110 Fax. 715.241.9387
www.forefrontmechanical.com



FORE-FRONT

MECHANICAL, INC.

City of Antigo
 700 Edison Street
 Antigo, WI 54409
 Attention: Terry Kubiacyk
 Facility: Antigo Wastewater Treatment Plant

Date: 8/15/2022
 FFM Job# 0622-053

The City of Antigo Wastewater Treatment Plant and System Update

We are pleased to provide and install the following scope.

- Provide Boiler system as per plan and Specifications.
- All Equipment Selected as per Basis of Design.
- FFM will communicate progress on a weekly Basis.
- FFM will conduct Project meetings for owner and all contractors.
- FFM will provide Submittals and Operation & Maintenance Manuals.
- Factory Start up and Owner Training included.
- Standard Factory Warranty included on all Equipment.
- FFM will Warranty Workmanship for 1 year.
- Project to be completed by October 1st, 2022.
 (Pending all Equipment ships prior to Sept 12th 2022).
- Includes city of Antigo permit fee of \$35.00
- Includes Line voltage electrical with Rigid Conduit to all Equipment
- FFM will provide Variable Frequency Drives for Secondary Pumps (No bypass)
- Work performed during normal business hours M-F 7am -4pm.

Base Bid Price \$152,500.00

Excludes: Taxes, Bonding and DDC Controls

Value Engineering Scope:

- 1). Install Line Voltage Electrical with EMT Conduit versus Rigid Conduit..... **Deduct \$10,000.00**
- 2). Bid included 30% Propylene Glycol at a volume of 500 Gallons.
 After closer review the system Volume maybe closer to only 300 Gallons.
Deduct \$12.00 each gallon (200 gallons @ \$12.00/gallon is potentially \$2,400.00)
- 3). Omit the Axiom SF100 Glycol Feed System, (50 Gallon Plastic reservoir with integral Pump and gauge).
 In lieu of Axiom Auto Glycol Fill System FFM to provide a 50Gallon Plastic Barrel and Stand-alone Electric
 Transfer Pump the Liberty model 331 with hoses and fittings for manual transfer.....**Deduct \$ 900.00**
- 4). In lieu of the Rolairtrol Air Separator provide Enhanced Air Separator 2" NPT rated for 70gpm **Deduct \$800.00**
- 5). Omit Variable Frequency Drives for Pump and change Overloads as per Plan and Spec.....**Deduct \$2,500.00**
- 6). Equipment Purchase Discount from Fore – Front Mechanical and Hydro-Flo Products Inc... **Deduct \$6,000.00**
- 7). FFM disconnects & disassembles Boiler & components City of Antigo to remove from site... **Deduct \$3,000.00**

Continue



FORE-FRONT

MECHANICAL, INC.

Voluntary Alternate:

Provide and Install (2) NTI, model TFT399 Boilers in lieu of (1) NTI, model FTG800 Boiler.

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The Model TFT399 is more common for Service and Parts availability.

This alternate includes all features as per Plans and Specifications.

The two Boilers will be installed on the single existing housekeeping pad.

The Boilers will be independently Vented with 4" Flue Pipe Venting and 6" Combustion Air Venting.

A Future Boiler can still be applied as per plan.

Alternate: Base Bid Price No Change

Excludes: Taxes, Bonding and DDC Controls

If you have any questions or concerns regarding this proposal.

please don't hesitate to call me. 715-846-0565. Or Email kpilgrim@ffmech.com

Thank You, Kent Pilgrim FF/M

Attachment: Boiler Replacement Bid @ WWTP with Value Engineering (5696 : Consider Additional Funds for the Replacement of the WWTP



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: August 24, 2022
Re: Consider a Professional Design/Bid/Inspection Services Agreement with Strand Associates for Repairs to the Potable Water Supply System at the Wastewater Treatment Plant

Due to some failing components of the potable water supply system at the Wastewater Treatment Plant an accelerated Professional Services Agreement is being considered for advancement with Strand Associates. Staff met with a Strand representative at the site and followed up with a design team during in a virtual meeting held on 8/17/22. Information on the topic is still being gathered so that a recommendation can potentially be discussed and advanced during the regularly scheduled Public Works meeting.

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