



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

COUNCIL CHAMBERS

Wednesday, September 23, 2020

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 August 26, 2020 Meeting
2. Approval of Asphalt and Concrete Crushing Bid Most Advantageous to the City of Antigo
3. Approval of Bid for Towers and Underground Storage Tank Inspections Deemed Most Advantageous to the City of Antigo
4. Approval of Bid for Well Compliance Inspection Deemed Most Advantageous to the City of Antigo
5. Solicitation of Priced Engineering Proposals from MSA Professionals and Ayres Associates for Engineering Services Associated with the 2021 5th Avenue Reconstruction Project (Lincoln to Western)

Any Other Matters Authorized by Law to be Considered

Adjournment

The Public Is Invited to Participate by Phone. Please Call 715-623-3633 ext 100 During Regular Business Hours for Dial In Instructions.

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact Jaime Horswill, 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: September 17, 2020

TOM BAUKNECHT



To: Mayor and City Council
From: Charley Brinkmeier, Land Surveyor/Project Manager
Date: September 23, 2020
Re: Approval of Asphalt and Concrete Crushing Bid Most Advantageous to the City of Antigo

After completing removals on the 5th Ave project we have accumulated quite the pile of asphalt and concrete that needs to be crushed and recycled. We submitted a bid for a contractor to retain a portion of both materials with the winning submittal being based on the most asphalt percentage left for the City. We are recommending approval for Meverden Materials which offered 34% of the asphalt to be left for the City. Meverden has had this bid before and they did an excellent job for us.

BID TABULATION**PROJECT:** Asphalt and Concrete Crushing **PROJECT NUMBER:****OWNER:** City of Antigo **BID DATE:** September 15, 2020 1:00 p.m.

		Vendor		Vendor	
		Meverden Materials, Leo Meverden		PGA Inc., Kurt Seubert	
		N1520 Stoney Rd		7306 Zinser Street	
		Antigo, WI 54409		Weston, WI 54476	
		715.623.2775		715.355.6717	
		lb@meverdeninc.com		kurts@pgainc.net	
		Percentage Retained by Contractor	Percentage Left for the City*	Percentage Retained by Contractor	Percentage Left for the City*
	Asphalt	66.00%	34.00%	95.00%	5.00%
	Concrete	74.00%	26.00%	100.00%	0.00%
	* Winning Bid will be based on the largest percentage of ASPHALT left for the City				

Present: Glenn Bugni, Alderperson, Julie Zack, Administration Clerical Asst.



Public Works Committee

September 23, 2020

To whom it may concern:

The City's two water towers and the underground storage tank for drinking water are due for inspection this year. There is currently \$15,000 budgeted for inspection services. Four bids were received from various companies. The attached bid tab sheet shows the four prices submitted. It is my recommendation to select KLM Engineering and their bid price of \$7,200.00 for the total project.

If you have any questions please contact me,

Thank you for your time,

TOMMY HORSWILL
PROJECT MANAGER

m: 715.216.6243
thorswill@iaewater.com | www.iaewater.com
N2420 Koszarek Road, Antigo, WI 54409

Attachment: Tower Tank Inspection Memo (3600 : Tower Inspections)



INFRASTRUCTURE
ALTERNATIVES, INC.

Attachment: Tower Tank Inspection Memo (3600 : Tower Inspections)

Bid tab for inspection of City of Antigo's two water towers and underground stora

Company	Type of inspection	Cost
KLM Engineering	ROV (remote operated vehicle)	\$7,200.00
James Orr Coating Inspection	ROV (remote operated vehicle)	\$10,500.00
GOE International	Diver	\$11,400.00
Dixon Engineering	ROV (remote operated vehicle)	\$10,900.00

uge tank



Public Works Committee

September 23, 2020

To whom it may concern:

The City's two south drinking water wells (Wells 19 and 20) are due for compliance inspection. Currently there is \$25,000 available in the 2020 budget for inspection. Only one bid was received from Municipal Well and Pump. Well 19's inspection will cost \$10,380.00, well 20's inspection will cost \$11,360 for a total cost of \$21,740.00. Municipal Well and Pump will also televise the well casings to look for any issues. This service is included in the total project cost. I am recommending Municipal Well and Pump be rewarded the project as they were the only bidder.

If you have any questions please contact me,

Thank you for your time,

TOMMY HORSWILL
PROJECT MANAGER

m: 715.216.6243
thorswill@iaewater.com | www.iaewater.com
N2420 Koszarek Road, Antigo, WI 54409

Attachment: Well Inspection Memo (3601 : Well Inspections)



INFRASTRUCTURE
ALTERNATIVES, INC.

Attachment: Well Inspection Memo (3601 : Well Inspections)



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: September 23, 2020
Re: Solicitation of Priced Engineering Proposals from MSA Professionals and Ayres Associates for Engineering Services Associated with the 2021 5th Avenue Reconstruction Project (Lincoln to Western)

We received notice of award for a \$1,000,000 Community Development Block Grant application that was previously submitted for the reconstruction of 5th Avenue from Lincoln to Western as part of an estimated \$1,900,000 project. It is my recommendation that priced proposals be solicited from both MSA Professionals and Ayres Associates to be submitted to the City of Antigo based upon the attached Scope of Services for the project.

I am recommending limiting the request for priced proposals to these two firms based upon their history with the City and upon their experience with similar projects. Time will be of the essence on this selection process as it is our goal to have construction begin in the spring of 2021. To do so the consultant selection needs to be made at the October Council meeting allowing for on-site surveys to occur prior to the onset of winter conditions.

Some minor adjustments may be made to the attached Scope of Work prior to asking both firms for a priced proposal due by Monday, October 12th for consideration at a Special Public Works meeting ahead of the October 14th City Council meeting.

Please feel free to contact me with any questions that you might have.

II. SCHEDULE – DESIGN AND CONSTRUCTION

The following is a schedule of events proposed by MSA for the design of the project.

City Awards project to MSA	October 14, 2020
30% Review Plan Review with City	December
90% Review Plan Review with City	February 2021
Final Plans Complete	mid-March
Advertise for Bid	mid-March
Bid Opening	early April
Construction Begins	mid-May
Construction Substantial Completion	late August
Construction Final Completion	late October 2021

III. ENGINEERING SERVICES

A. DESIGN SERVICES - Lump Sum Fee

Engineering Fees are based on completing plans and specifications for the total project. The following tasks listed below are intended to highlight design services for this project in the City of Antigo.

- Topography and Field work including:
 - Contact utility One-Call service – Digger Hotline
 - Establish project control - horizontal and vertical
 - Research records for right-of-way information
 - Collect topographic site data
 - Measure the depths of structures – sanitary – storm – water valves
 - Reduce topographic data
 - Determine right-of-way lines based on monuments found and review of existing records.
- Coordinate soil borings and report with geotechnical firm.
 - Reconstruction area
 - 9 borings to 2 foot below lowest utility. Four in first block, 2 each in remaining 2 blocks and 1 in intersection at Western Road.
 - Milling or pulverizing area
 - 4 pavement borings per block, 2 on each side of centerline.
 - Report shall identify groundwater elevations in reconstruction area and include an evaluation of pavement fabric in milled or pulverized area.
- Complete utility coordination.
- Complete a Phase I review of parcels from Lincoln Avenue to Western Road.
- Pavement marking for centerline.
- Design 1,500 feet of urban roadway for Fifth Avenue including replacing existing curb and gutter, sidewalk and full depth pavement replacement and water main, sanitary sewer and storm sewer at various locations.

CITY OF ANTIGO

STREET RECONSTRUCTION

5th Avenue - Lincoln Street to Western Road

I. PROJECT DESCRIPTION

A. Fifth Avenue

Project limits include the following:

- Fifth Avenue from Lincoln Street to Elm Street
 - Reconstruct from west end of the west radii on Lincoln Street to the west end of the west radii on Elm Street
 - This length of Fifth Avenue will be reconstructed including replacing the sanitary sewer, water main, storm sewer, street lighting, sidewalk, drive aprons and pavement with a granular sub-base, base course and asphalt surface.
- Fifth Avenue from Elm Street to Western Road
 - Mill or pulverize and resurface with spot repairs of concrete curb and gutter and sidewalk.

Preliminary Project Cost Estimate = \$1,891,000

The estimates are based on projections for 2019 prices and include engineering and a contingency for construction.

Specifically, the project will:

- Replace approximately 1,570 lf of 12- to 42-inch reinforced concrete pipe (RCP) storm sewer;
- Replace approximately 1,630 linear feet (lf) of 12-inch sanitary sewer;
- Replace approximately 1,725 lf of 10-inch water main;
- Replace approximately 3,200 feet of concrete curb and gutter;
- Replace approximately 15,000 square feet of sidewalk;
- Replace approximately 7,000 square yards 4" Thick HMA Pavement Type E-1.0;
- Replace approximately 14,500 square yards 3" Thick HMA Pavement Type E-0.3;
- Replace street signs and posts;
- Replace 4 street lights at intersection of 5th Avenue and Western Road.

This project will be funded using a \$1,000,000 CDBG Block Grant. The remainder of funds will come from the City of Antigo general and various enterprise funds. The City will also submit and ITA/PERF for CWF and SDWLF to determine if this funding is feasible.

- Typical section will remain the same as existing
- Pavement section will be 4-inch asphalt, 10-inch base course and 24-inch granular sub-base.
- Design 3,000 feet of urban roadway that is mill or pulverize and resurface with spot replacement of curb and gutter and sidewalk.
 - Typical section will remain the same as existing
 - Pavement section will be 3-inch asphalt overlaid on existing road
 - Construction limits to include 100 feet from centerline in both directions at intersections.
- Design new intersection at 5th Avenue and Western Road including:
 - Full depth reconstruction of pavement with new geometrics grading to drain.
 - Replace concrete curb and gutter in each quadrant to end of radius
 - Replace sidewalk on east side
 - Pavement section will match the existing section per borings.
 - Limits of reconstruction will be the end of concrete curb and gutter radius in each quadrant.
- Design 1,630 feet of sanitary sewer including laterals to the existing right-of-way.
- Design 1,725 feet of water main including services to the existing right-of-way.
- Design 1,570 feet of storm sewer including leads to the existing structures.
- Develop plans and specifications for project.
- Prepare sign sheets and sign details to remove and replace the existing street signs in the project limits.
- Design 4 street lights for the intersection at Fifth Ave and Western Road
 - Light poles shall be similar in style to the 2020 5th Avenue project including a lower backside light and a festoon hangar with a festoon outlet.
 - Existing lights are leased from WPS. New lights will need a power drop, electric cabinet and all associated conduit and wiring. The 4 lights will be a stand-alone electrical system.
- Complete and submit WDNR permits for the replacement of sanitary sewer and water main utilities.
- Prepare a report for the storm water NOI.
- Provide bidding services including on-line electronic bidding, answering questions during the bid period, attend the bid opening, review bids and make a recommendation of award to the lowest responsive bidder for the project.

B. CONSTRUCTION SERVICES

Construction Administration Lump Sum Fee
 Construction Observation Hourly, Estimated Fee

The following tasks listed below are a summary of construction services for the reconstruction of Fifth Avenue.

- Provide construction staking for centerline, sanitary sewer, watermain, storm sewer, street lighting, sidewalk, concrete curb and gutter and hubs for sub grade elevation.

- Provide part time observation of the project by the Project Engineer.
- Provide full time construction observation of the project by a Resident Project Representative for the duration of the project. Infrequently 2 RPRs will be on-site at key times requiring an increased level of observation. An RPR is budgeted to be available 600 hours over the life of the project.
- Observe the work and inform the Owner as to compliance with plans and specifications.
- Provide interpretations of the plans and specifications and assist the Owner in interaction with the Contractor.
- Review and make recommendations for pay requests and contract change order requests from the Contractor.
- Develop record drawings from information provided by the Contractor.
- Complete project close out, substantial and final completion forms.

C. ASSUMPTIONS

- Digger's hotline representatives mark their utilities completely and in a timely manner.
- The coordinate system and vertical datum are readily available to the surveyor
- The sanitary, storm and water structures are accessible and not buried under ground or pavement.
- There is record information and monuments available to make a right-of-way determination.
- The horizontal alignment will not change. Minor changes to the vertical profile are anticipated to correct drainage.
- 5th Avenue will be closed to through vehicle traffic from Lincoln Street to Elm Street during construction of utilities.
- Acquisition or coordination of acquiring additional Right-of-Way is not anticipated and is not included in this scope. R/W services, if requested, will be extra.
- Sanitary sewer laterals and water services will be replaced to the right-of-way with this project.
- Storm sewer laterals are not anticipated to be extended to buildings.
- Architectural History or Archaeological Surveys are not anticipated and are not included in this scope. The surveys, if required, will be extra.
- City will provide televising of sanitary sewers for lateral locations.
- MSA will coordinate soil borings for the project. The cost of soil borings will be the responsibility of the Owner (City).
- The Cost of all permit fees and advertising will be the responsibility of the Owner (City).
- A Phase II Environmental investigation is not included in the scope of services. If the Phase I review indicates that a Phase II investigation is recommended, those services will extra.