



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

COUNCIL CHAMBERS

Wednesday, August 11, 2021

CITY HALL, 700 EDISON STREET

5:30 PM

Call to Order

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

1. Approving Downtown Fifth Avenue Project Change Order No 2
2. Selection of a Consulting Firm for the submittal of a Community Development Block Grant - Public Facilities (CDBG-PF) Application for the Anticipated Reconstruction of Edison Street from 6th to 9th Avenues
3. Consultant Selection for the Design and Construction of Deleglise Extension in Industrial Park
4. 3-Party Agreement WisDOT/City/Ayres Associates Design of 4th Ave. Bridge

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 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: August 05, 2021

TOM BAUKNECHT



To: Mayor and City Council
From: Charley Brinkmeier, Land Surveyor/Project Manager
Date: August 11, 2021
Re: Approving Downtown Fifth Avenue Project Change Order No 2

As we are finalizing the Downtown Project the last item is the final change order. The ultimate result change order is a quantity deduct of \$138,541.74. The main change was from not needing as many storm sewer services, removing some of the concrete crosswalks and not installing the ramp at the Hoffmann House were the main deducts.

Change Order

No. 2

Date of Issuance: 08/03/2021 Effective Date: 08/03/2021

Project: 5th Avenue Reconstruction	Owner: City of Antigo	Owner's Contract No.:
Contract: City of Antigo - 5th Avenue Reconstruction		Date of Contract: May 20, 2020
Contractor: A-1 Excavating		Engineer's Project No.: 00058003

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

See attached

Attachments (list documents supporting change):

Summary of Changes (08/03/2021)

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price:	Original Contract Times: ☐ Working days ☒ Calendar days
<u>\$3,675,506.46</u>	Substantial completion (days or date): <u>166 days - Nov 1, 2020</u>
	Ready for final payment (days or date): <u>180 days - Nov. 15, 2020</u>
Increase from previously approved Change Order No. <u>1</u> .	Increase from previously approved Change Order No. <u>1</u> .
<u>\$53,565.20</u>	Substantial completion (days): <u>10 days</u>
	Ready for final payment (days): <u>6 days</u>
Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
<u>\$3,729,071.66</u>	Substantial completion (days or date): <u>176 days - Nov. 11, 2020</u>
	Ready for final payment (days or date): <u>196 days - May 28, 2021 (Tenative)</u>
Decrease of this Change Order:	[Increase] [Decrease] of this Change Order:
<u>\$138,541.74</u>	Substantial completion (days or date): _____
	Ready for final payment (days or date): _____
Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
<u>\$3,590,529.92</u>	Substantial completion (days or date): <u>Nov. 11, 2020</u>
	Ready for final payment (days or date): <u>June 28, 2021</u>

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>Scott Martin</u>	By: _____	By: <u>[Signature]</u>
Engineer (Authorized Signature)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Date: <u>8/3/2021</u>	Date: _____	Date: <u>8-3-21</u>
Approved by Funding Agency (if applicable): _____		Date: _____

08/03/2021

CHANGE ORDER #2
Project #00058003
5th Avenue Reconstruction
City of Antigo

Cost Breakdown

Item	Description	Cost
1	Bulldog Pedestrian Push Button	\$673.62
2	Modify Traffic Signal Configuration - SW quadrant 5 th Ave & Superior St.	\$765.00
3	Loop Lead-In Wire (\$1.43/L.F.) – 556.5 L.F.	\$795.80
4	Credit - Utility Allowance (Cirrinity Fiber & WPS Electrical)	(\$1,389.68)
5	Credit - 904 5 th Ave. – Re-route sewer line	(\$3,487.50)
6	Credit – 829/831 5 th Ave. – Re-route sewer line	(\$1,073.55)

<u>Sub-Total - Change Order #2 - (CREDIT)</u>	(\$3,716.31)
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Item	Description	Cost
7	Bookkeeping Adjustment	(\$134,825.43)

<u>Sub-Total - Change Order #2</u>	(\$134,825.43)
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<u>Total Change Order #2</u>	(\$138,541.74)
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Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

08/03/2021

CHANGE ORDER #2
Project #00058003
5th Avenue Reconstruction
City of Antigo

Summary of Changes

Item #1 – Bulldog Pedestrian Push Button

Most of the existing pedestrian push buttons for the 5th Ave./Superior St. intersection were left in place as the existing traffic signal controller was not being replaced as part of this project. The existing buttons were the old contact style buttons. The one push button on the SW quadrant of this intersection needed to be replaced as a new traffic signal pole was installed as part of this project. The old style controller didn't have the provisions to work with the planned audible/tactile button. The options were to install a newer style contact button (bulldog) or to install a hardware controller in the cabinet that would allow the audible/tactile button to function. With the remainder of the intersection being the old contact style button, it didn't make sense to have one button of eight be different from the rest. The city decided to have the contractor install the Bulldog contact push button.

Cost = \$673.62

Item #2 – Modify Traffic Signal Configuration – SW Quadrant 5th Ave & Superior St.

The traffic signal head on the SW quadrant of 5th Ave & Superior St was hit twice by trucks after installation breaking the bracket arms. The city elected to have the contractor rotate the brackets away from the curb to provide more clearance for trucks cutting the corner to tight. Work included installing the new bracket arms, rotate the arms on the opposing side of the pole, drill new holes and re-route signal cables. The city supplied the new bracket arms.

Cost = \$765.00

Item #3 – Loop Lead-In Wire

The below pavement detection loops that trigger traffic signals at the SW quadrant of 5th Ave. & Superior St. were replaced as part of this project. However, the WisDOT as-built drawing of the intersection that were relied upon only show the detection loops for the left turn lane onto Superior St. During construction, 2x additional loops were found during construction that controlled the straight through traffic movement. The detection loops were paid for using bit item quantities, however the necessary loop lead-in wire was not part of the project scope or bid items. To make the detection loops function, loop lead-in wire was required to be pulled from the existing traffic signal cabinet to the pull boxes closest to the loops. The contractor submitted a cost of \$1.43/L.F. for this wire and associated work.

\$1.43/L.F. X 556.5 L.F. = \$795.80

Cost = \$795.80

08/03/2021

Item #4 – Utility Allowance

The project included a Utility Allowance bid item as a place holder until the actual invoices for the two services were paid. (WPS Electric Service & Cirrinity Fiber Internet Service). The bid item amount was \$5,500.00. This item addresses the difference in costs between the anticipated costs and the actual costs. Bid Item #9 – Utility Allowance will be paid on the pay request as 1 L.S. of \$5,500.00 and the actual costs below will be used to adjust to the anticipated costs.

Bid Item #9 – Utility Allowance - 1 L.S. =	(\$5,500.00)
WPS Corporation Electric Service =	+ \$1,031.01
Cirrinity Fiber Service =	+ \$3,079.31
Total Credit =	(\$1,389.68)

CREDIT = \$1,389.68

Item #5 – 904 5th Ave - Re-Route Sewer Line

The Family Video building at the intersection of 5th Ave. and Edison St. had a sewer lateral exiting the Northeast corner of the basement going out to Edison St. The building was vacant at the time of construction and it was believed that the Edison Street lateral served the entire building. Since the road was built, tenants have occupied the west portion of the building and it was found that a second lateral, this one going out to 5th Ave., existed and was used for the west portion of the building. The City contacted Filbrandt Plumbing to look at solutions for this issue. A solution was selected that would allow the plumbing on the west portion of the building to be re-routed to the Northeast corner active sewer lateral, without having to remove sidewalk, curb and asphalt to connect to the sewer main on 5th Ave. The city and contractor agreed to share costs for this work and split the invoice 50/50. The attached invoice shows the work involved and costs. The city will pay the invoice and this item will cover the contractors share. Invoice Total = \$6975.00; A1 Excavating [50% share] = (\$3,487.50)

CREDIT = \$3,487.50

Item #6 – 829/831 5th Ave - Re-Route Sewer Line

#829/831 5th Ave building had a sewer lateral that the contractor hooked up in 2020. Since then, the building has been occupied and the owner was having issues with the service. Building owner called Andraschko Plumbing and it was found that a second sewer lateral exists and was not hooked up to the sanitary main. Andraschko Plumbing was able to re-route the gravity sewer in the basement from the missed lateral to the lateral that had been connected. The attached invoice shows the costs of this work. Plumber Invoice Total (Paid by City of Antigo) = \$2,539.55. Had the contractor connected this second lateral to the sanitary main, the city would have been responsible for the following costs:

32 S.F. – 2" Insulation @ \$2.00/S.F. =	\$64.00
42 L.F. – 6" Dia. Sanitary Lateral @ \$31.00/L.F. =	\$1,302.00
1 Ea. – Connect to Existing Sanitary Lateral @ \$100.00 Ea.=	\$100.00
Total City portion of the costs =	\$1,466.00
A1 Excavating Share = \$2,539.55 - \$1,466.00 =	\$1,073.55 (Paid by this credit item)

CREDIT = \$1,073.55

08/03/2021

Item #7 – Bookkeeping Adjustment

The Agreement between the Contractor and the City of Antigo allows that bid items can be extended or reduced as needed without change to the unit cost. Several bid items ended up different than the original plan estimate. The difference is (\$134,825.43) or about 3.7% of the original contract amount. This item is a reduction in cost to the project. This change order item is just a book keeping entry to reflect the actual contract amount used in the project.

A majority of the savings realized was from the City's decision to remove the remaining 11x colored concrete crosswalks, not installing the ADA ramp with steps and steel railing at the Hoffmann House Building, and reduction in the number of storm laterals installed through City coordination with property owners to decide which businesses needed/wanted storm sewer services as a portion of the properties are served through adjacent alley laterals.

CREDIT = \$134,825.43

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

Darren Vandenberg

From: Theresa Kay <theresa.kay@merkelcoinc.com>
Sent: Thursday, April 22, 2021 3:59 PM
To: Darren Vandenberg
Cc: Charley Brinkmeier
Subject: RE: 00058003 - Antigo 5th Ave

Darren

Thanks for the update on this. I see now that I did not get the entire email chain from Eric related to this. I agree with your number of \$673.62 for this change.

Thanks again.

Theresa Kay

Merkel Company Inc.
 Badger Housing Associates
 (715)384-8717 ext 236

From: Darren Vandenberg [mailto:dvandenberg@msa-ps.com]
Sent: Thursday, April 22, 2021 3:27 PM
To: Theresa Kay <theresa.kay@merkelcoinc.com>
Cc: Charley Brinkmeier <cbrinkmeier@antigo-city.org>
Subject: RE: 00058003 - Antigo 5th Ave

Theresa,

Thank you for the return shipping costs. I will add it to the bulldog and A/T unit restocking costs on Change Order #2.

- 2) As for the cost of \$1,435 for the bulldog button, that was including the cost of the original audible-tactile unit and the city would keep the extra A/T unit as a spare for their other intersection. Eric originally thought there would be no way to return this unit. After several emails and phone calls with Eric, he checked with Tapco and they would accept the unit for a return with a \$117.00 re-stocking fee. Please read through the entire attached email string to see where I am getting the \$526 (Bulldog Button Installed) + \$117 (Re-stocking Fee) + \$30.62 (Return Shipping). I am getting a total of \$673.62. The city decided to go this route as it was the cheaper option vs. keeping the A/T button for a spare.

Please call if you need further information about this. I can more easily describe this over the phone,
 Darren



Darren Vandenberg, PE | Project Engineer

MSA Professional Services, Inc.
 (715) 304-0406 - office
 (906) 221-7966 - cell



Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

From: Theresa Kay <theresa.kay@merkelcoinc.com>
Sent: Thursday, April 22, 2021 2:41 PM
To: Darren Vandenberg <dvandenberg@msa-ps.com>
Cc: adam@cirrinity.net; Charley Brinkmeier <cbrinkmeier@antigo-city.org>
Subject: RE: 00058003 - Antigo 5th Ave

Darren

Thanks for getting back to me on this.

#1 We will watch for payment once change order #2 is completed.

#2 (a) The email I got a copy of from Eric says the bulldog installed was \$1,435 if you were going to eliminate accounting for bid item #179. The \$526 would be the cost if you still accounted for bid item #179 (1,435-909).

(b) The cost of the return shipping to TAPCO was \$30.62.

#3 The quote for the traffic signal adjustment that Eric sent was \$695. I see there is a line item for it on the pay app but it was not paid yet. We will watch for that once change order #2 is completed.

Let me know if you have any questions.

Thanks

Theresa Kay

Merkel Company Inc.
 Badger Housing Associates
 (715)384-8717 ext 236

From: Darren Vandenberg [mailto:dvandenberg@msa-ps.com]
Sent: Thursday, April 22, 2021 1:59 PM
To: Theresa Kay <theresa.kay@merkelcoinc.com>
Cc: adam@cirrinity.net; Charley Brinkmeier <cbrinkmeier@antigo-city.org>
Subject: RE: 00058003 - Antigo 5th Ave

Theresa,

- 1.) The utility allowance was one item which included the electrical service hook-up (WPS) and the fiber to the signal cabinet (Cirrinity). The bid item was for \$5,500 to cover both after receiving input from WPS (\$3,500) and Cirrinity (\$2,000) based on work involved. The specifications detail that the utility allowance will be adjusted up or down by change order based on the actual invoice costs of both services. I am waiting on the Cirrinity service hook-up costs so I can adjust the utility allowance. I called Adam at Cirrinity on March 23rd and he still didn't have an invoice created yet. The reimbursement will be for the actual costs of both service hook-ups and the

\$5,500 item in the bid will go up or down by change order based on the actual costs of the WPS + Cirrinity invoices. I did not have the Cirrinity cost when Change Order #1 was sent to the City earlier this year so I moved that item to the next Change Order which is not yet finalized.

- 2.) The bulldog button was also not on the first change order as we didn't know the final costs when we submitted Change Order #1. What I have agreed on with Eric is the following:

Install bulldog unit (\$526.00) and pay for restocking fee of \$117.00 + shipping. We wouldn't account for the Audible Tactile Unit bid item #179 at \$909.00 each for this signal standard. (Total approx. = \$660.00)

Please get me the cost of the return shipping for the A/T button that was returned, and we will get the cost of the Bulldog/Restocking/Return Shipping added to Change Order #2.

- 3.) Change Order #2 will also include the work to rotate the traffic signal arms at the Southwest quadrant of 5th & Superior. The price I received from A1 (I believe Eric gave them the pricing) was \$765.00.

Let me know if you have any further questions,
Darren



Darren Vandenberg, PE | Project Engineer

MSA Professional Services, Inc.

(715) 304-0406 - office

(906) 221-7966 - cell



From: Theresa Kay <theresa.kay@merkelcoinc.com>
Sent: Monday, April 19, 2021 4:12 PM
To: Darren Vandenberg <dvandenberg@msa-ps.com>
Subject: Antigo

Hi Darren

We got the payment for Antigo today. There are two questions on the quantities.

I still don't see where we were reimbursed for the \$1,031.01 payment for the initial electrical service hook up. Can you tell me where that is?

Secondly, Eric says we eliminated an Audible-tactile Pedestrian Push Button Unit which you reduced the quantities for but in its place we put in a bull dog and we don't see the change order for that.

Thanks

Theresa Kay

Merkel Company Inc.
Badger Housing Associates
(715)384-8717 ext 236

Darren Vandenberg

From: Brad Nielsen <bnielsen@a1excavating.com>
Sent: Tuesday, March 9, 2021 8:51 AM
To: Darren Vandenberg
Cc: 'Charley Brinkmeier'; Scott Martin; 'Eric Jakobi'
Subject: RE: 00058003 - Antigo 5ht Ave - Traffic Signal Adjustment

Follow Up Flag: Follow up
Flag Status: Flagged

Darren,

I received the pricing last Friday and apologize for not getting it over sooner. The total cost to adjust the signals would be \$765.

Please let us know if you would like Merkel to proceed.

Thanks,

Brad Nielsen
 Project Manager
 A-1 Excavating
 8237 State Highway 64 / PO Box 90
 Bloomer, WI 54724
 Office: 715-568-4141 x 219
 Cell: 715-271-0387



From: Darren Vandenberg <dvandenberg@msa-ps.com>
Sent: Tuesday, March 9, 2021 8:44 AM
To: Brad Nielsen <bnielsen@a1excavating.com>
Cc: Charley Brinkmeier <cbrinkmeier@antigo-city.org>; Scott Martin <smartin@msa-ps.com>; Eric Jakobi <eric.jakobi@merkelcoinc.com>
Subject: RE: 00058003 - Antigo 5ht Ave - Traffic Signal Adjustment

Brad,

Any word on if Merkel is willing to perform the below work, or did you get a price from them?

Thank you,
 Darren



Darren Vandenberg, PE | Project Engineer
 MSA Professional Services, Inc.
 (715) 304-0406 - office
 (906) 221-7966 - cell

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)



From: Darren Vandenberg
Sent: Tuesday, March 2, 2021 11:33 AM
To: Brad Nielsen <bnielsen@a1excavating.com>
Cc: Charley Brinkmeier <cbrinkmeier@antigo-city.org>; Scott Martin <smartin@msa-ps.com>; Eric Jakobi <eric.jakobi@merkelcoinc.com>
Subject: 00058003 - Antigo 5th Ave - Traffic Signal Adjustment

Brad,

The city is having a problem with the traffic signal on the SW quadrant of 5th Ave/Superior St. The signal head has been hit twice by trucks making turns onto the highway. The pole has not come down, only the bracket arms broke. The city replaced the original polycarbonate bracket arms with some they had on hand. Now, those are broken as well. (See attached pictures)

What they would like to do is rotate the bracket arms away from the curb to give more clearance. The city has bought new bracket arms to fix this but would like the heads rotated when installing these new arms.

Would Merkel be willing to perform the work to install the new bracket arms according to the attached sketch?

Please provide a price to install the new bracket arms, rotate the bracket arms on the opposing side of the pole, drill new holes to rotate cables, seal old cable penetrations, etc. The city will supply the new bracket arms.

Thank you and let me know if you have any questions,
 Darren



Darren Vandenberg, PE | Project Engineer

MSA Professional Services, Inc.

(715) 304-0406 - office

(906) 221-7966 - cell



Darren Vandenberg

From: Eric Jakobi <eric.jakobi@merkelcoinc.com>
Sent: Thursday, October 1, 2020 3:04 PM
To: Darren Vandenberg
Subject: Loop Lead In Cable Antigo

Follow Up Flag: Follow up
Flag Status: Flagged

Darren,

The loop lead in cable cost per foot is \$1.43.

Thanks,

Eric Jakobi
Merkel Co Inc
Phone 715-384-8717
Fax 715-384-4764
Email eric.jakobi@merkelcoinc.com

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

WPS001

WPS

PMT00016993

CO #2 - ITEM #4 - PAGE 1 OF 6

VCH00044285

3134833-1

8/7/2020

\$1,031.01

\$1,031.01

\$0.00

\$0.00

\$1,031.01

\$1,031.01

\$1,031.01

\$0.00

\$0.00

\$1,031.01

ELECTRICAL HOOK UP-ANTIGO

35677

MERKEL COMPANY, INC.

P.O. BOX 246, 1111 W. VETERANS PARKWAY
MARSHFIELD, WI 54449
PH. 715-384-8717

BMO HARRIS BANK N.A.
CHICAGO, ILLINOIS
2-28/710

8/7/2020

\$1,031.01

DATE

AMOUNT

One Thousand Thirty One Dollars and 01 Cents

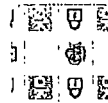
PAY
TO THE
ORDER
OF

WPS

ATTN: CBT A&C A2

PO BOX 19001

GREEN BAY WI 54307-9912



[Handwritten Signature]
AUTHORIZED SIGNATURE

⑈035677⑈ ⑆071000288⑆

0000145015⑈

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

CO #2 - ITEM #4 - PAGE 2 OF 6



Wisconsin Public Service Corporation
P.O. Box 19003
Green Bay, WI 54307-9003
www.wisconsinpublicservice.com

RECEIVED

July 28, 2020

CITY OF ANTIGO
700 EDISON ST
ANTIGO, WI 54409

CITY OF ANTIGO

Dear Customer:

Thank you for your request for service at: CLERMONT & 5TH AVE, COUNTY OF LANGLADE, STATE OF WI. Wisconsin Public Service is pleased to have this opportunity to provide you with reliable energy and our award winning customer service.

This letter confirms your acceptance of the terms and conditions of the gas and/or electric rates and tariffs associated with your request for service. It also confirms the following cost for your request:

- The cost to install your Electric facilities is: **\$1,031.01** service and **\$0.00** system. Total Electric charges are **\$1,031.01**. This cost is valid for 60 days as of the date of this letter. Payment is needed in advance of construction. Please note this Work Request: 3134833 on your check or money order.
- Please remember that it is the customer's responsibility to perform any lawn restoration or surface repair on their private property as a result of this installation. Service laterals being installed for the first time to your property will receive current allowances towards the cost of installation. Changes or relocation of these laterals may cause some additional expense on your part.
- Although we exercise caution to locate and avoid your sewer lateral during construction, if you notice a problem with your sewer drain(s) during construction or anytime after our work is completed, contact us right away. **Do not attempt to clear the sewer lateral.** There have been instances when the sewer lateral and our facilities could intersect, causing an unsafe condition.
- This estimate is to install an underground electric service to your lighting control cabinet on the intersection of 5th Ave and Clermont St.
- We will remove the concrete needed for this installation. It is our understanding that you will replace the concrete as part of your road reconstruction project.

The following items are needed to install your facilities in a timely manner. Please provide us with the date when these items will be completed.

- At the time of construction, all existing or proposed private underground facilities must be marked or exposed before service can be installed.
- An electrical inspection report or wiring statement verifying that the wiring meets the electrical code must be in our local office before the electric service can be energized (meter set). Check with your local authorities for electrical inspection requirements.
- The electric meter base installation needs to be completed (including grounds) so that we can schedule the installation of your service. If this date changes, please call our office immediately to reschedule.

The payment calculation of this agreement is subject to change if the Customer causes a construction delay, there is a change in scope, or actions by governmental authorities cause a calculation change. Any change shall be reviewed with the Customer prior to construction and a new agreement shall be executed. Adjustment of customer requirements (refunds or additional payment) to reflect actual investment for changes in the size or number of units installed, major rock, winter construction and similar items affecting the scope of the project, shall be made if the adjustment is greater than \$20. This adjustment, if applicable, will normally occur within six months of completion of construction. Any changes shall be reviewed with the Customer. The Customer and WPSC hereby agree to

abide by and be subject to the rules, regulations, and schedules of WPSC as filed with and approved by the PSCW and/or MPSC from time to time, as well as the rules and regulations of the Wisconsin Administrative Code.

All of us at Wisconsin Public Service look forward to serving your energy needs. For further information regarding your new service, visit our Internet site at www.WisconsinPublicService.com. If you have any questions about the above items, please refer to **Work Request: 3134833-1** when calling us at 800-242-9772.

Sincerely,

New Service Installation team

Mail Payment To:
Wisconsin Public Service Corporation, Attn: CBT A&C A2, P.O. Box 19001, Green Bay WI 54307-9912

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)

Cirrinity / Wittenberg Telephone
 PO Box 160
 Wittenberg, WI 54499
 715-623-0558 or 715-253-2111

CO #2 - ITEM #4 - PAGE 4 OF 6



A-1 Excavating
 8237 Wisconsin 64 PO BOX 90
 Bloomer, WI 54724

Invoice #	3446
Invoice Date	06-01-21
Due Date	07-01-21
Balance Due	\$3,079.31

Item	Description	Unit Cost	Quantity	Line Total
Network	FIBER INSTALL AT STREET LIGHT IN ANTIGO.. PO 2040	\$2,918.78	1.0	\$2,918.78

Disclaimer

No returns on special order item. 20% restocking fee on all other returns. All warranties, expressed or implied, are those of the manufacturer.

Subtotal	\$2,918.78
Tax	\$160.53
Invoice Total	\$3,079.31
Payments	\$0.00
Credits	\$0.00
Balance Due	\$3,079.31

Signed: _____

Date: _____



Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)



Check Imaging Results

Generated By : 30117241_KDUJELLMAN
Generated On : 2021-07-08 07:35 AM EST

Account Number 1610856, Check Number 162154, Amount 3,079.31, Route/Transit 07100028, Date 2021-06-28

162154

A-1 Excavating, Inc.
PO BOX 160
WITTENBERG WI 54499

BMO Harris Bank
2-28/710

PAY TO THE ORDER OF
CIRQUITY/WITTENBERG TELEPHONE
PO BOX 160
WITTENBERG WI 54499

AMOUNT
*****3,079.31

06/24/21

Kevin M...
AUTHORIZED SIGNATURE

1610856

ENDORSE HERE

PAY TO ASSOCIATED BANK
FOR DEPOSIT ONLY - ACT AS REMOTE DEPOSIT ONLY
CHECK HERE FOR MOBILE DEPOSIT ONLY

AT _____ NAME OF FINANCIAL INSTITUTION _____ DATE _____

DO NOT WRITE, STAMP OR SIGN BELOW THIS LINE
RESERVED FOR FINANCIAL INSTITUTION USE

162154 001000288

1610856

07-50057-54 Associated Bank <002854772335>

Security Features

- Hologram
- Heat Sensitive Ink
- True Watermark
- Toner Adhesion Properties
- Chemically Smooth Surface and Chemical Wash Detergent (CWD) Microprint
- High Resolution Watermark
- Anti Copy Technology
- Security Document BAA System

- Multi-dimensional foil seal fused to check stock. Cannot be photocopied.
- Hold red image with fingers or breathe on it. The image will fade and reappear.
- Hold check to a light source to view. Cannot be photocopied.
- Chemistry paper bonds user finger to paper body with heat. Damage a vision with attention attempt.
- Blaine or state may appear if chemical alteration attempts are made.
- MP Small type in check border appears as dotted line when copied.
- Anti alert reminder to security features.
- Document made with technology to prevent spot copies from creating a check body.
- Discourages cut and paste attempts.

Check Imaging Results

Page 1 of 2

2021-07-08

2.1.a

CO #2 - ITEM #4 - PAGE 5 OF 6



Check Imaging Results

Generated By : 30117241_KDUPELLMAN
Generated On : 2021-07-08 07:35 AM EST

Summary of checks successfully retrieved

Account Number	Check Number	Amount	Route/Transit	Date	Type	retrieved
1610856	162154	3,079.31	07100028	2021-06-28	Paid	✓

CO #2 - ITEM #4 - PAGE 6 OF 6

Check Imaging Results

Page 2 of 2

2021-07-08

2.1.a

INVOICE _____

DATE 7-9-21

SERVICE INVOICE

BILL TO NAME		City of Antigo.	
ADDRESS			
CITY		STATE	ZIP
PHONE ()			
LOCATION NAME		Senior Center.	
ADDRESS		904 5 th Av.	
CITY	STATE	ZIP	
Antigo	WI	54409	
CONDENSER		MODEL	SERIAL
FURNACE/AC			
WATER HEATER			
OTHER			

DATE	DESCRIPTION OF WORK PERFORMED
------	-------------------------------

Install Sewage pump/Pit Package.
in basement.

Service call to unplug Toilet. Discovered
Sewer not Attached to main sewer.

Jack hammer basement, remove old
Concrete & Then Patch

Run 4" PVC pipe & fittings from boiler room across basement wall to

Sewage pump. Connect into 4" Stack on East side of building going out Edison St.

Used 2" PVC pipe & fittings to

IMPORTANT PLEASE PAY FROM THIS INVOICE.
NO OTHER STATEMENT WILL BE ISSUED.

TERMS: NET DUE ON COMPLETION

I have the authority to order the above described work. It is agreed that the seller will retain title to any equipment or material furnished until full and complete payment is made, and If settlement is not made as agreed, the seller shall have the right to remove same and the seller shall be held harmless for damages resulting from the removal thereof. If this invoice is not paid within 30 days, I agree to pay 1 1/2% per month (18% annual rate) or the maximum allowed in the state of residence on the unpaid balance. If this invoice is placed for collection I agree to pay seller's attorney fees and any court costs.

CUSTOMER APPROVAL

ohn Filbrandt

Plumbing & Heating, Inc.
Sales & Service

821 4th Avenue • Antigo, WI 54409
Phone 715-623-3661 • Fax 715-623-6999
MP#6697

Jack C. Filbrandt

WORK TO BE DONE

QTY	REPAIR NUMBER	AMOUNT
	hook up & vent pit. Had to add condensate pump + Tubing for HVAC equipment to drain to sewer Had electrical outlets Added for Sump & Condensate pump.	
	Materials	
	Labor	
	Concrete Repair	
	Electrical.	
	Permit	6975.00
	MATERIALS	
	SERVICE	
	TRUCK/FUEL CHARGE	
	SUBTOTAL	6975.00
	TAX	
	TOTAL CHARGED	\$ 6975.00
	TOTAL RECEIVED	\$

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)



Andraschko Plumbing and Electric, LLC
 W9742 Hoyt Road
 Birnamwood, WI 54414
 715-610-2040

CO #2 - ITEM #6 - PAGE 1 OF 1

Invoice

Date	Invoice #
8/2/2021	2987
Due Date	Terms
9/1/2021	Net 30

Bill To
Mike & Carol Caffero 317 Elm St. Antigo, WI 54409

Quantity	Description	Rate	Amount
	Snake out sewer main in crawl space, dig out sewer main and tie in old building sewer to new building sewer		
13.75	Labor for Josh on 7/16 and 7/20	75.00	1,031.25
4.75	Labor for George on 7/16	75.00	356.25
1	Labor for Tom on 7/16	90.00	90.00
9	Labor for Gavin on 7/20	40.00	360.00
1	4" Clay x 4" PVC Fernco	5.10	5.10
6	PVC 4" Pipe	2.62	15.72
1	4" PVC Y	27.40	27.40
1	4" PVC Cleanout With Plug	14.21	14.21
1	4" PVC Long Turn 90	12.50	12.50
1	3/4"x50' Ridgid Intercore Cable	387.50	387.50
1	3/4"x2' Leader	69.75	69.75
1	3" Double Cutting Head	37.48	37.48
831 5th Ave Antigo WI 54409			
Thank you for your business. You will be charged a 1.5% monthly service fee after 30 days.		Subtotal	\$2,407.16
		Sales Tax (5.5%)	\$132.39
		Payments/Credits	\$0.00
		Balance Due	

Attachment: Downtown 5th Ave CO 2 (4076 : Downtown Fifth Ave Change Order No 2)



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: August 11, 2021
Re: Selection of a Consulting Firm for the submittal of a Community Development Block Grant - Public Facilities (CDBG-PF) Application for the Anticipated Reconstruction of Edison Street from 6th to 9th Avenues

Selection of a Consulting Firm for the submittal of a Community Development Block Grant - Public Facilities (CDBG-PF) grant application is necessary. It is anticipated that the grant application will need to be supported by house-to-house economic surveys along the project corridor in order to determine the City's eligibility for a grant covering up to 2/3 of the project costs with a maximum of \$1,000,000 in grant funds.

If selected, this grant would require a \$500,000 local match of which it is my recommendation that the City's funds be considered as coming from the \$812,000 that the City is to receive under the American Rescue Plan Act (ARPA) funds associated with the economic impacts of COVID. These funds would be dedicated to underground utility upgrades (water and sewer) as allowed as an eligible expenditure within the Act.

Additional funds necessary for the anticipated \$2,000,000 project would be solicited from the one-time Local Road Improvement Program (LRIP) under the Municipal Street Improvement (MSI) Discretionary grant category being initiated as part of WisDOT's budget.

A Professional Services Agreement (PSA) with a recommended firm will be presented to the Committee for consideration on the night of the Special Public Works Committee meeting in advance of the Regular Council meeting.



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: August 11, 2021
Re: Consultant Selection for the Design and Construction of Deleglise Extension in Industrial Park

A Notice of Interest (NOI) and Statement of Qualifications (SOQ) Request for Proposals (RFP) was advertised seeking interested consulting firms for the design and construction administration associated with the City's Federal Economic Development Association (EDA) grant project for the extension of Deleglise Street through the Saratoga Industrial Park.

Five firms expressed interest with four of those firms providing a NOI response followed by a written SOQ regarding their design and construction administration understanding. All four firms were interviewed regarding their project approach and understanding by Charley Brinkmeier, Kirk Packard and myself. Each firm was ranked based upon their SOQ response, interview and past experience with the City of Antigo. Their project engineers and technicians (anticipated to be assigned to the project) were also analyzed by our interview team. A Consultant Interview Rating Sheet was completed for each firm and was utilized under a Quality Based Selection (QBS) process for the interview team's consultant selection.

It is our recommendation that Ayres Associates be approved for design and construction administration/inspection services for the project and that their firm be submitted for Federal EDA for any necessary confirmation. The next phase will include the negotiation of fees for the design and construction services (as lead by the City under Federal EDA guidance). The process must assure that the associated costs are within the allotted portions of the grant and City Matching funds. If negotiations with the selected firm do not result in a mutually agreeable amount (within the project budget) then the second rated firm would be appropriately contacted.



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: August 11, 2021
Re: 3-Party Agreement WisDOT/City/Ayres Associates Design of 4th Ave. Bridge

As part of the process for the advancement of the 4th Avenue Bridge Replacement, staff recommended the use of Ayres Associates as the bridge designer to WisDOT subsequent to a Quality Based Selection process. WisDOT then negotiated a 3-party contract for the costs associated with the anticipated design services. Those negotiations address not only the cost of design services but also identify the responsibilities of each party of the agreement.

The attached 3-party agreement as drafted by WisDOT was submitted to all parties for review. Staff sent a copy for review by the City attorney with no recommended changes to be considered. It is my recommendation that the Public Works Committee approve the 3-party agreement for the design of the 4th Avenue Bridge accordingly.

THREE PARTY DESIGN ENGINEERING SERVICES CONTRACT
SIGNATURE PAGES

ENGINEERING SERVICES CONTRACT

BETWEEN THE WISCONSIN DEPARTMENT OF TRANSPORTATION,

CITY OF ANTIGO (MUNICIPALITY)

AND AYRES ASSOCIATES INC (CONSULTANT) FOR

Project ID 9835-00-01
C Antigo, 4th Avenue
Springbrook Bridge P-34-0701
Local Street
Langlade County

This CONTRACT made and entered into by and between the DEPARTMENT, MUNICIPALITY and the CONSULTANT provides for those SERVICES described in the Scope of Services and Special Provisions and is generally for the purpose of providing the SERVICES solicited by the MUNICIPALITY in the City of Antigo's request for proposals dated April 1, 2021 and topographic survey, environmental analysis and documentation, design reports, utility coordination, agency coordination, preliminary and final roadway and structure design, and PS&E documents. This Qualification Based Selection was made based on the CONSULTANT'S Notice of Interest response and any interviews conducted.

The DEPARTMENT and MUNICIPALITY deem it advisable to engage the CONSULTANT to provide certain engineering SERVICES and has authority to contract for these SERVICES under sec. 84.01(13), Wis. Stats.

The DEPARTMENT REPRESENTATIVE is: Mike Grage; Local Program Project Manager; 510 Hanson Lake Road, Rhinelander, WI 54501; Michael.Grage@dot.wi.gov; 715-365-5705.

The MUNICIPALITY REPRESENTATIVE is: Mark Desotell, PE; Director of Administrative Services for the City of Antigo, 700 Edison Street, Antigo, WI 54409; mdesotell@antigo-city.org; (715) 623-3633.

The CONSULTANT REPRESENTATIVE is: Troy Robillard, PE; Consultant Project Manager; 3376 Packerland Drive, Ashwaubenon, WI 54115; RobillardT@AyresAssociates.com; (920) 498-1200.

The CONSULTANT SERVICES will be performed for the DEPARTMENT's North Central region office located in Rhinelander, WI and will be completed by May 1, 2024. Deliver PROJECT DOCUMENTS to 510 N Hanson Lake Rd, Rhinelander, WI 54501, unless other directions are given by the DEPARTMENT.

Compensation for all SERVICES provided by the CONSULTANT under the terms of the CONTRACT will be from the:

☒ DEPARTMENT ☐ MUNICIPALITY

For topographic survey, environmental analysis and documentation, design reports, utility and agency coordination, preliminary and final roadway and structure design, right of way plat and PS&E documents, actual costs to the CONSULTANT up to \$74,725.38, plus a fixed fee of \$4,763.86, not to exceed \$79,489.24.

Date: March 25, 2020

Page 1 of 3

Packet Pg. 25

THREE PARTY DESIGN ENGINEERING SERVICES CONTRACT
SIGNATURE PAGES

For subsurface investigation subcontracted ECS Midwest, LLC, the CONSULTANT'S actual cost to ECS Midwest, LLC not to exceed \$6,152.00 for units delivered based on rates in the table below.

Item Description	Unit Type	Unit Cost Rate
Mobilization	Per Trip	\$850.00
Per Diem (Hotel)	Per Night	\$96.00
Per Diem (Meals)	Per Person Per Day	\$41.25
Standard Penetration Test Borings (0' to 50')	Per Foot	\$12.00
Standard Penetration Test Borings (50' to 100')	Per Foot	\$16.00
Patch Pavement	Each	\$25.00
Boring Abandonment	Per Foot	\$4.00
Sample Preparation and Shipping	Each	\$150.00
Laboratory Testing and Boring Log Preparation	Per Hour	\$50.00
Report Preparation – Staff Geotechnical Engineer	Per Hour	\$90.00
Report Preparation – Senior Geotechnical Engineer	Per Hour	\$150.00

Compensation for all SERVICES provided by the CONSULTANT under the terms of the CONTRACT shall be for an amount not to exceed \$85,641.24.

The CONSULTANT does and will comply with the laws and regulations relating to the profession of engineering and will provide the desired engineering SERVICES.

This CONTRACT incorporates and the parties agree to all of the standard provisions of the Three Party Design Engineering Services Contract, dated July 1, 2015 and referenced in Procedure 8-15-1 of the State of Wisconsin Department of Transportation Facilities Development Manual. CONSULTANT acknowledges receipt of a copy of these standard provisions.

This CONTRACT incorporates all of the MANUALS defined in the CONTRACT.

The parties also agree to all of the Special Provisions which are annexed and made a part of this CONTRACT, consisting of 8 pages.

THREE PARTY DESIGN ENGINEERING SERVICES CONTRACT
SIGNATURE PAGES

Nothing in this CONTRACT accords any third part beneficiary rights whatsoever on any non-party that may be enforced by any non-party to this contract.

For the CONSULTANT

By: _____

Title: Transportation Manager – Green Bay _____

Date: _____

For the DEPARTMENT

By: _____

Contract Manager, WisDOT

Date: _____

For the MUNICIPALITY

By: _____

Title: _____

Date: _____

Date: March 25, 2020

Page 3 of 3

Project I.D. 9835-00-01
 C Antigo, 4th Avenue
 Springbrook Bridge P-34-0701
 Local Street
 Langlade County

VI. SPECIAL PROVISIONS

SCOPE OF SERVICES

A. DESIGN REPORTS

(1) Request for Exceptions to Design Standards

A request for exception(s) to design standards is not included in the CONTRACT and will be considered Extra Services.

(2) Encroachment Report

An encroachment report is not included in the CONTRACT and will be considered Extra Services.

(3) Other Reports:

Prepare the following engineering reports/analyses as directed by the MUNICIPALITY:

- Abbreviated Pavement Design Report as set forth in the MANUAL
- Local Bridge Design Study Report
- Structure Survey/Hydraulic Report
- Transportation Management Plan, Type 1

B. ENVIRONMENTAL DOCUMENTATION

Execute a disclosure statement as required by 40 CFR 1506.5(c).

Prepare one (1) Categorical Exclusion Checklist (CEC) Environmental document for the PROJECT as specified in the MANUAL and Chapter TRANS 400, Wisconsin Administrative Code. Furnish the required number to the MUNICIPALITY for approval.

Prepare an environmental document that evaluates reasonable alternatives to the PROJECT and consider other reasonable actions or activities that may achieve the same or similar goals of the proposed highway PROJECT, including other or additional transportation alternatives and intermodal opportunities and the alternative of taking no action. Evaluate alternative courses of action based upon a balanced consideration of the environment, public comments, and the need for safe and efficient transportation consistent with local, state, and national environmental goals. Prepare environmental documents that are concise and emphasize significant environmental issues and plausible alternatives. Comply with requirements specified in the MANUAL and TRANS 400, Wisconsin

Administrative Code. In the event of a conflict between the MANUAL and TRANS 400, Wisconsin Administrative Code, the administrative rule supersedes.

- (1) Historical and Archaeological Surveys and Studies:
 - (a) Prepare request to have the project placed on the BOE screening list for both archeological and historical clearance.
- (2) Hazardous Materials/Contamination Assessments
 - (a) Conduct an abbreviated Phase I investigation for the PROJECT in accordance with the MANUAL. (One report)
 - (b) Obtain direction from the Project Manager and the Region environmental coordinator prior to conducting further evaluation studies when Phase 1 indicates further work is needed.
 - (c) The MUNICIPALITY acknowledges that the CONSULTANT is not, by virtue of this CONTRACT, the owner or generator of any waste materials generated as a result of the Hazardous Materials/ Contamination Assessments services performed by the CONSULTANT under this CONTRACT. Dispose of investigative waste in accordance with the MANUAL.
- (3) Wetland Investigations
 - (a) The Wisconsin Department of Natural Resources (WDNR) will do a wetland determination for this PROJECT, and the CONSULTANT will coordinate with the WDNR for this determination to be used for the environmental document and agency coordination.
- (4) Native American Coordination
 - (a) Prepare the notification letter and submit to the DEPARTMENT for review and approval. The letters will be mailed out by the CONSULTANT.
- (1) Asbestos Report
 - (a) Prepare request to have the existing 4th Avenue bridge checked for asbestos. The study and report will be completed by others.

C. AGENCY COORDINATION

- (1) Section 401 and 402 Certifications:

Evaluate the effects of the PROJECT on water quality, in accordance with the provisions of the Clean Water Act and Chapter TRANS 400, Wisconsin Administrative Code and the MANUAL; and prepare the necessary application.
- (2) Section 404 Permits:

Evaluate the potential for discharge of fill materials into the waters of the United States, in accordance with the provisions of the Clean Water Act and Chapter TRANS 400, Wisconsin Administrative Code and the MANUAL; and prepare the necessary permit application.

- (3) Coordinate with the US Fish and Wildlife Service for potential impacts to endangered and threatened species.

D. UTILITY INVOLVEMENTS

- (1) Utility Coordination

Perform all utility coordination in accordance with:

- a) The WisDOT "Guide to Utility Coordination" for non-Trans 220 projects.
- (2) Transmit final utility related documents to the DEPARTMENT a minimum of 30 days prior to the final PS&E submittal date. This submittal shall include the following information:
 - (a) Utility Status Report
 - (b) Utility related special provisions
 - (c) Plans specific to utility related items, including general notes, plan and profile, cross sections, and bridge sheets.
 - (d) All agreement documents, including any utility conveyances, lump sum agreement, and audit agreements.
 - (e) Approved work plans by the MUNICIPALITY
 - (3) The MUNICIPALITY is responsible for following up with utility relocations between final PS&E submittal and the start of construction.

E. PUBLIC INVOLVEMENT

- (1) Public Involvement Meetings:
 - (a) Conduct one public involvement meeting and explain to the public concepts and probable impacts of this PROJECT.
 - (b) Prepare all exhibits and supplementary handout material and provide the equipment necessary to conduct the public involvement meeting.
 - (c) Prepare a summary report after the public involvement meeting.
 - (d) Discuss with the MUNICIPALITY the comments received and recommend the possible disposition of these comments and suggestions after the public involvement meeting.
 - (e) Make all the necessary arrangements for scheduling the public involvement meeting and provide notices and press releases for the MUNICIPALITY'S use.

- (f) Provide the MUNICIPALITY with copies of all public involvement correspondence and file notes.
 - (g) Coordinate meeting schedules with the MUNICIPALITY'S representative.
 - (h) Prepare a Public Involvement Plan (PIP) for the PROJECT.
- (4) Project Mailings, Newsletters:

The CONSULTANT shall prepare a mailing list for the public involvement meeting for the MUNICIPALITY's review. The CONSULTANT is responsible for sending out letters for the public involvement meeting.

F. MEETINGS

- (1) An Operational Planning Meeting will be held at the City of Antigo to discuss alternatives for the PROJECT.
- (2) A 30% plan review meeting shall be held via phone with the MUNICIPALITY and the DEPARTMENT.
- (3) A 60% plan review meeting shall be held at the City of Antigo with the MUNICIPALITY and the DEPARTMENT.
- (4) A 90% plan review meeting shall be held via phone with the MUNICIPALITY and the DEPARTMENT.
- (5) Attend the pre-construction conference as scheduled by the DEPARTMENT.

G. LOCATING

Location studies are not included in the CONTRACT and will be considered Extra Services.

H. SURVEYS

- (1) Field survey
 - a. Perform full topo 400 feet of roadway within project limits at 50 foot intervals going the lesser of 50 feet or to the building faces on either side of centerline of 4th Avenue.
 - b. Perform full topo for approximately 350 feet of waterway of Spring Brook within project limits at 50 foot intervals going 10 feet beyond retaining wall either side of centerline of Spring Brook.
 - c. Measure elevations and dimensions of upstream structure and downstream structure on same datum as site structure.
 - d. Map all utilities within the limits described above.
 - e. Diggers Hotline will be used to have underground utilities located. These utilities located by others will be mapped as flagged/painted. Ayres Associates is not liable for errors performed by others. Ayres Associates will make one attempt to have the underground utilities marked by others. Additional attempts will be considered an additional service.
 - f. Measure existing property monumentation necessary to determine existing right-of-way.

- g. Compare field located utilities against system maps

I. SOILS AND SUBSURFACE INVESTIGATIONS

- (1) Investigations of subsurface soil conditions for foundations at the sites of proposed bridges or other structures are required. They shall consist of not less than one machine powered boring within the approximate limits of each substructure unit.

Foundation borings shall be performed to yield sufficient detailed data to enable an engineering design of the structure and its foundation per DEPARTMENT standards.

Foundation investigations shall be coordinated with the MUNICIPALITY, with a minimum of three working days prior notice, to enable the MUNICIPALITY to make provisions for on-site observations and to evaluate conditions during drilling.

When borings have reached the depth of 70 feet without providing necessary data, the driller is authorized to continue drilling until depths reach 120 percent of the planned depths. When necessary data is obtained for any individual boring, prior to borings reaching the planned depth, the drilling for that individual boring shall be terminated.

When completion of drilling to 120 percent of the depth of any individual boring as set forth above is not sufficient to adequately assess subsurface conditions, or otherwise determine all the required foundation information, the CONSULTANT shall recommend revised boring depths or a revised boring program for verbal authorization by the MUNICIPALITY. The extent of all subsurface foundation investigations performed shall be fully justified in the Soils Report for the PROJECT.

All boreholes and monitoring wells shall be backfilled as per the April 20, 1992 guidelines titled "Wisconsin Department of Transportation Geotechnical Unit -Drilled Borehole and Monitoring Well Abandonment Procedures".

Record final borehole location; station and referenced offset and elevation. CONSULTANT shall provide final boring location GPS coordinates and provide a Google Earth image of project site showing coordinate correct as-drilled boring locations.

- (2) Perform subsurface investigations to analyze project geotechnical concerns and provide full detailed recommendations. The soils shall be classified by pedological means to provide pavement design parameters.

J. ROAD PLANS

- (1) The CONSULTANT will provide to the MUNICIPALITY the following for the PROJECT:
- a. Title Sheet
 - b. General Notes
 - c. Typical Sections

- d. Construction details
- e. Erosion Control Plan
- f. Plan and Profile sheets
- g. Miscellaneous Quantities
- h. Structure Plans
- i. Computer Earthwork Data
- j. Cross Sections
- k. Detour plan not anticipated

K. STRUCTURE PLANS

- (1) Prepare a Structure Survey Report/Hydraulic Report, which includes a discussion of structure sizing, in accordance with the MANUAL. The completed preliminary plan shall show the structure plan, elevation, and typical cross section, and all pertinent data shall appear on the first sheet(s) of the completed structure plans. Four prints of this plan and the Structure Survey Report/Hydraulic Report shall be submitted to the MUNICIPALITY and DEPARTMENT for review. The MUNICIPALITY and DEPARTMENT will review this preliminary plan and the Structure Survey Report/Hydraulic Report and return one print to the CONSULTANT showing requested revisions, if any.
- (2) Plans for Structures shall be fully dimensioned besides showing controlling elevations. The plans shall be prepared with such precision and detail to allow for the convenient layout in the field with customary degree of accuracy, and to allow for the production of an accurate estimate of quantities for all pertinent items of work to be performed in the PROJECT.
- (3) Plans for Structures shall include schedules for bar steel reinforcement. Such schedules shall provide all of the necessary detail required for the fabrication of the reinforcement without the necessity of making separate shop drawings for that purpose.
- (4) When the plans for a structure have been completed the CONSULTANT shall furnish the MUNICIPALITY and DEPARTMENT with three sets of prints of such plans for review and examination.
- (5) Submit three copies for review and examination of all specifications for items of work in the Structure Plans which are not covered by the STANDARD SPECIFICATIONS and such amendments to or revisions of the STANDARD SPECIFICATIONS as may be required to properly cover the work contemplated by the plans.
- (6) Plans will be subject to review and examination by the MUNICIPALITY and DEPARTMENT. Such review and examination may be made on the site of the PROJECT.
- (7) Along with the plans for structures submit one copy or reproduction of the design computations for the MUNICIPALITY'S review and permanent file.
- (8) Furnish such other pertinent information and data with respect to the plans and design as the MUNICIPALITY and DEPARTMENT may request.
- (9) In the design and development of the Structure Plans, develop three (3) alternative structure types or other geometric configurations to enable selection of the design that provides the best balance between practical construction considerations, right of way requirements, aesthetics and blending with the topography, and costs.

- (10) Prepare reports and plans for the replacement of the structure carrying 4th Avenue over Spring Brook. For final design purposes, the structure is anticipated to be a non-skewed, single-span concrete flat slab bridge on full-retaining (A5) abutments.
- (11) A raised sidewalk on the north side of the bridge and architectural surface treatment on the abutment faces are anticipated. The bridge will match into the existing retaining walls upstream and downstream.
- (12) Full retaining abutments with spread footings on rock are considered "Extra Services".

L. PLATS

Plats are not included in the CONTRACT and will be considered Extra Services.

M. HIGHWAY SYSTEM CHANGES

Highway system changes are not included in the CONTRACT and will be considered Extra Services.

N. TRAFFIC

Traffic services are not included in the CONTRACT and will be considered Extra Services.

O. SERVICES PROVIDED BY THE MUNICIPALITY

The MUNICIPALITY will provide to the CONSULTANT the following for the PROJECT:

- 1. As-built plans, if available
- 2. Publish the press release and review the mailing list for the public involvement meeting
- 3. Traffic control for soil boring operations.
- 4. Traffic count, ADT, and truck classification information, if available.

PROSECUTION AND PROGRESS

- (1) The CONSULTANT shall report on the progress of the PROJECT as stipulated in the contract agreement. Standard benchmarks, consistent with DEPARTMENT'S internal staff benchmarks, will be reported monthly to the DEPARTMENT. The actual start, projected or actual finish date, and percent of work complete will be included for all relevant benchmarks on any project report required for delivery to DEPARTMENT staff. The report can be delivered in electronic format consistent with current DEPARTMENT standards (Microsoft Project), or on paper.
- (2) The CONSULTANT proposes to sublet these services to

Engineering Consulting Services (ECS) for soils investigation.

- (3) The following items of work will be completed and submitted to the MUNICIPALITY by the indicated dates, if CONSULTANT has received the Notice to Proceed by August 15, 2021.
(Date)

Report Title	Date
Survey	September 2021
Hydrology and Hydraulics	November 2021
Operational Planning Meeting	December 2021
Soils Report	January 2022
30% Plan Submittal	February 2022
Public Involvement Meeting	May 2022
Environmental Document Submittal	June 2022
60% Plan Submittal	October 2022
Design Study Report	November 2022
90% Plan Submittal	March 1, 2023
Final Structure Plans	April 1, 2023
Final P.S. & E. Submittal	August 1, 2023
Anticipated Preconstruction Meeting	May 2024

Consultant Weighted Average Direct Labor Rates

Project ID 9835-00-01
C Antigo, 4th Ave
Springbrook Creek Bridge P-34-0701
Local Street
Langlade County

Classification: Project Manager

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2009	\$64.18	100.00%	\$64.18
TOTAL		100.00%	\$64.18

Classification: Design Engineer - Mid

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2777	\$41.50	100.00%	\$41.50
TOTAL		100.00%	\$41.50

Classification: Technician - High

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
480	\$38.90	100.00%	\$38.90
		0.00%	
TOTAL		100.00%	\$38.90

Classification: Technician - Low

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
3117	\$21.00	100.00%	\$21.00
TOTAL		100.00%	\$21.00

Classification: Survey Crew Chief

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2484	\$28.75	100.00%	\$28.75
TOTAL		100.00%	\$28.75

Classification: Clerical

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2010	\$23.36	75.00%	\$17.52
2164	\$26.20	25.00%	\$6.55
TOTAL		100.00%	\$24.07

Classification: Design Engineer - High

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2425	\$43.92	34.00%	\$14.93
2356	\$43.29	33.00%	\$14.29
2050	\$45.10	33.00%	\$14.88
TOTAL		100.00%	\$44.10

Classification: Design Engineer - Low

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
3024	\$32.89	34.00%	\$11.18
3053	\$31.11	33.00%	\$10.27
3130	\$31.00	33.00%	\$10.23
TOTAL		100.00%	\$31.68

Classification: Technician - Mid

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
843	\$33.70	100.00%	\$33.70
TOTAL		100.00%	\$33.70

Classification: Surveyor

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2633	\$39.00	100.00%	\$39.00
TOTAL		100.00%	\$39.00

Classification: Survey Technician

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
2874	\$25.35	100.00%	\$25.35
TOTAL		100.00%	\$25.35

Classification:

Employee Number	Current Rate(b)	Percent Contribution(c)	(b*c)
TOTAL		0.00%	\$0.00

CONSULTANT DIRECT LABOR RATES

Project ID 9835-00-01

C Antigo, 4th Ave
 Springbrook Creek Bridge P-34-0701
 Local Street
 Langlade County

Employee Identification	Classification	Current Rate	% Labor Increase	New Labor Rate	Date of Increase	% Labor Increase	New Labor Rate	Date of Increase	% Labor Increase	New Labor Rate	Date of Increase
Emp. No. 2009	Project Manager	\$ 64.18	0.10%	\$ 64.24	1/1/22	0.10%	\$ 64.31	1/1/23	0.10%	\$ 64.37	1/1/24
Avg. Selected Individuals	Design Engineer - High	44.10	0.10%	44.14	1/1/22	0.10%	44.19	1/1/23	0.10%	44.23	1/1/24
Emp. No. 2777	Design Engineer - Mid	41.50	0.10%	41.54	1/1/22	0.10%	41.58	1/1/23	0.10%	41.62	1/1/24
Avg. Selected Individuals	Design Engineer - Low	31.68	0.10%	31.71	1/1/22	0.10%	31.74	1/1/23	0.10%	31.78	1/1/24
Avg. Selected Individuals	Technician - High	38.90	0.10%	38.94	1/1/22	0.10%	38.98	1/1/23	0.10%	39.02	1/1/24
Emp. No. 843	Technician - Mid	33.70	0.10%	33.73	1/1/22	0.10%	33.77	1/1/23	0.10%	33.80	1/1/24
Emp. No. 3117	Technician - Low	21.00	0.10%	21.02	1/1/22	0.10%	21.04	1/1/23	0.10%	21.06	1/1/24
Emp. No. 2633	Surveyor	39.00	0.10%	39.04	1/1/22	0.10%	39.08	1/1/23	0.10%	39.12	1/1/24
Emp. No. 2484	Survey Crew Chief	28.75	0.10%	28.78	1/1/22	0.10%	28.81	1/1/23	0.10%	28.84	1/1/24
Emp. No. 2874	Survey Technician	25.35	0.10%	25.38	1/1/22	0.10%	25.40	1/1/23	0.10%	25.43	1/1/24
Avg. Selected Individuals	Clerical	24.07	0.10%	24.09	1/1/22	0.10%	24.12	1/1/23	0.10%	24.14	1/1/24
		-	0.10%	-	1/1/22	0.10%	-	1/1/23	0.10%	-	1/1/24

Employee Identification	Classification	% Work at 08/21 to 12/21 Rate	% Work at 01/22 to 12/22 Rate	% Work at 01/23 to 12/23 Rate	% Work at 01/24 to 12/24 Rate	% Work at 01/25 to 12/25 Rate	% Work at 01/26 to 12/26 Rate	% Work at 01/27 to 12/27 Rate	Weighted Average Hourly Rate
Emp. No. 2009	Project Manager	20.00%	40.00%	35.00%	5.00%				\$ 64.26
Avg. Selected Individuals	Design Engineer - High	20.00%	40.00%	40.00%	0.00%				\$ 44.15
Emp. No. 2777	Design Engineer - Mid	20.00%	40.00%	40.00%	0.00%				\$ 41.55
Avg. Selected Individuals	Design Engineer - Low	20.00%	40.00%	40.00%	0.00%				\$ 31.72
Avg. Selected Individuals	Technician - High	20.00%	40.00%	40.00%	0.00%				\$ 38.95
Emp. No. 843	Technician - Mid	20.00%	40.00%	40.00%	0.00%				\$ 33.74
Emp. No. 3117	Technician - Low	20.00%	40.00%	40.00%	0.00%				\$ 21.03
Emp. No. 2633	Surveyor	100.00%	0.00%	0.00%	0.00%				\$ 39.00
Emp. No. 2484	Survey Crew Chief	100.00%	0.00%	0.00%	0.00%				\$ 28.75
Emp. No. 2874	Survey Technician	100.00%	0.00%	0.00%	0.00%				\$ 25.35
Avg. Selected Individuals	Clerical	100.00%	0.00%	0.00%	0.00%				\$ 24.07
									\$ -

AYRES ASSOCIATES

CDLR

Attachment: 9835-00-01-71 Three Party Agreement for Design Services (4064 : 3-Party Agreement WisDOT/City/Ayres Associates Design of 4th

DESIGN ENGINEERING SUMMARY OF STAFF HOURS AND DIRECT LABOR COSTS

Project ID 9835-00-01
C Antigo, 4th Ave
Springbrook Creek Bridge P-34-0701
Local Street
Langlade County

Class TASK	Average Hourly Wage	ACT. CODE	Project Manager		Design Engineer - High		Design Engineer - Mid		Design Engineer - Low		Technician - High		Technician - Mid		Technician - Low	
			Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Manage Project Scope and Schedule		887	35	2,249.10	6	264.90	-	-	-	-	6	233.70	-	-	-	-
Manage Project Quality		890	-	-	8	353.20	-	-	-	-	8	311.60	-	-	-	-
Manage Project Stakeholders		743	12	771.12	-	-	18	747.90	1	31.72	6	233.70	-	-	-	-
Design Soils and Earthwork		208	-	-	1	44.15	-	-	4	120.68	-	-	-	-	-	-
Design Pavement Structure		277	-	-	-	-	1	41.55	-	-	-	-	-	-	-	-
Design Drainage		778	1	64.26	6	264.90	-	-	16	563.62	-	-	16	539.84	-	-
Erosion Control Landscaping		768	-	-	-	-	-	-	2	83.44	6	233.70	-	-	-	-
Design Quantities and Detail		776	1	64.26	1	44.15	47	1,952.85	10	372.20	26	1,012.70	-	-	26	546.78
Develop PSE Documents and Estimates		786	-	-	-	-	-	-	20	919.88	-	-	-	-	-	-
Conduct and Process Existing Field Survey		856	-	-	2	88.30	12	498.60	18	570.96	1	38.95	-	-	-	-
Analyze Archaeological and Historical Impact and Tribal Consultation		723	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Develop HazMat Site Impact		763	-	-	-	-	1	41.55	5	158.60	-	-	-	-	-	-
Environmental Documentation and Agency Coordination		769	1	64.26	-	-	4	166.20	25	793.00	-	-	-	-	-	-
Design Structure		647	2	128.52	18	794.70	-	-	5	158.60	-	-	-	-	-	-
Draft Structure Plan		657	1	64.26	4	176.60	-	-	40	1,268.80	-	-	-	-	-	-
Design Structure Hydrology and Hydraulics		658	1	64.26	1	44.15	24	997.20	4	126.88	80	3,116.00	-	-	-	-
Develop Traffic Control and Staging		788	-	-	-	-	-	-	12	380.64	-	-	-	-	-	-
Coordinate Utilities		746	-	-	-	-	26	1,080.30	-	-	-	-	-	-	-	-
TOTALS		0	55	3,534.30	48	2,119.20	134	5,467.70	213	6,756.36	133	5,180.35	16	539.84	26	546.78

Class TASK	Average Hourly Wage	ACT. CODE	Surveyor		Survey Crew Chief		Survey Technician		Clerical		Technician - High		Technician - Mid		Technician - Low		Total	
			Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Manage Project Scope and Schedule		887	-	-	-	-	-	-	9	216.63	-	-	-	-	-	-	56	2,964
Manage Project Quality		890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	665
Manage Project Stakeholders		743	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	1,753
Design Soils and Earthwork		208	-	-	-	-	-	-	1	24.07	-	-	-	-	-	-	3	100
Design Pavement Structure		277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	168
Design Drainage		778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	1,377
Erosion Control Landscaping		768	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	297
Design Geometrics and Detail		776	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	3,938
Develop PSE Documents		786	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	920
Conduct and Process Existing Field Survey		856	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	1,197
Analyze Archaeological and Historical Impact and Tribal Consultation		723	8	312.00	36	1,035.00	14	354.90	-	-	-	-	-	-	-	-	58	1,702
Analyze HazMat Site Impact		763	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	63
Environmental Documentation and Agency Coordination		769	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	200
Design Structure Survey Report		647	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	1,023
Design Structure Plan		657	-	-	-	-	-	-	1	24.07	-	-	-	-	-	-	6	196
Design Structure Hydrology and Hydraulics		658	-	-	-	-	-	-	2	48.14	-	-	-	-	-	-	62	2,240
Develop Traffic Control and Staging		788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	135	4,626
Coordinate Utilities		746	-	-	-	-	-	-	1	24.07	-	-	-	-	-	-	31	1,257
TOTALS		0	8.00	312.00	36.00	1,035.00	14.00	354.90	14.00	336.98	-	-	-	-	-	-	697	26,283.41

DIRECT COSTS BY ITEM

Project ID 9835-00-01

C Antigo, 4th Ave

Springbrook Creek Bridge P-34-0701

Local Street

Langlade County

Item	Unit Amount	Unit Type	Rate	Total Expenses
Employee Vehicle Mileage	540	Mile	\$ 0.560	\$ 302.40
Company Vehicle Mileage	200	Mile	0.85	170.00
Meals Breakfast	-	Each	13.00	-
Meals Lunch	2	Each	14.00	28.00
Meals Dinner	-	Each	23.00	-
Lodging	1	Each	96.00	96.00
Boat/ Motor/ Trailer	-	Day	310.00	-
Miovision Scout VCU	-	Day	125.00	-
Traffic Counter	-	Day	53.30	-
High Precision Digital Level	-	Day	26.70	-
GPS	1	Day	48.85	48.85
Total Station (Robotic)	1	Day	47.65	47.65
Field Supplies	-	\$s	1.00	-
TOTAL DIRECT COSTS				\$ 692.90

FEE COMPUTATION BY ENGINEERING TASK

Project ID 9835-00-01
C Antigo, 4th Ave
Springbrook Creek Bridge P-34-0701
Local Street
Langlade County

TASK	ACTIVITY CODE	Direct Labor Costs	Indirect Costs	Direct Costs	Fixed Fee	TOTAL
Manage Project Scope and Schedule	887	2,964.33	5,385.30	201.60	537.28	9,088.51
Manage Project Quality	890	664.80	1,207.74	-	120.50	1,993.04
Manage Project Stakeholders	743	1,752.72	3,184.17	100.80	317.68	5,355.37
Develop, Design Soils and Earthwork	208	99.94	181.56	-	18.11	299.61
Design Pavement Structure	277	168.43	305.99	-	30.53	504.95
Design Drainage	778	1,376.52	2,500.72	-	249.49	4,126.73
Erosion Control Landscaping	768	297.14	539.81	-	53.86	890.81
Design Geometrics and Details	776	3,937.94	7,154.06	-	713.75	11,805.75
Develop Quantities and Estimates	786	919.88	1,671.15	-	166.73	2,757.76
Develop PSE Documents	856	1,196.81	2,174.24	-	216.92	3,587.97
Conduct and Process Existing Field Surveys	723	1,701.90	3,091.84	390.50	308.47	5,492.71
Analyze Archaeological and Historical Resources	763	63.44	115.25	-	11.50	190.19
Analyze HazMat Site Impact	765	200.15	363.61	-	36.28	600.04
Environmental Documentation and Agency Review	769	1,023.46	1,859.32	-	185.50	3,068.28
Develop Structure Survey Report	647	291.08	528.81	-	52.76	872.65
Design Structure	656	2,240.16	4,069.70	-	406.03	6,715.89
Draft Structure Plan	657	4,625.66	8,403.44	-	838.40	13,867.50
Design Structure Hydrology and Hydraulic Engineering	658	1,256.56	2,282.79	-	227.75	3,767.10
Develop Traffic Control and Staging	788	422.19	766.99	-	76.52	1,265.70
Coordinate Utilities	746	1,080.30	1,962.58	-	195.80	3,238.68
0		-	-	-	-	-
TOTALS		26,283.41	47,749.07	692.90	4,763.86	79,489.24

Indirect Home Office Cost Rate 181.67%
Fixed Fee: 7.25%

CONSULTANT CONTRACT TOTAL FEE COMPUTATION

Project ID 9835-00-01

C Antigo, 4th Ave
Springbrook Creek Bridge P-34-0701
Local Street
Langlade County

	Project I.D. 9835-00-01	TOTAL CONTRACT
Number of Staff Hours	697	697
Total Direct Labor	\$ 26,283.41	\$ 26,283.41
Indirect Home Office Cost Rate 181.67%	47,749.07	47,749.07
Fixed Fee (% of Labor * 2.5) 7.25%	4,763.86	4,763.86
Non-Labor Direct Charges	692.90	692.90
Sub-Total Ayres Associates	\$ 79,489.24	\$ 79,489.24
ECS Midwest, LLC	\$ 6,152.00	\$ 6,152.00
Sub-Total Subconsultants	\$ 6,152.00	\$ 6,152.00
Total	\$ 85,641.24	\$ 85,641.24



ECS Midwest, LLC

Proposal for Subsurface Exploration and Geotechnical Engineering

Proposed Bridge Reconstruction

4th Avenue over Spring Brook
Antigo, Wisconsin

ECS Proposal Number 59:3616-GP (Revision #1)

July 8, 2021





ECS MIDWEST, LLC

Geotechnical • Construction Materials • Environmental • Facilities

"Setting the Standard for Service"

July 8, 2021

Mr. Arlen Beaudette
Ayres Associates, Inc.
3433 Oakwood Hills Parkway
Eau Claire, WI 54701-7698
Email: beaudettea@ayresassociates.com

ECS Proposal No. 59:3616-GP (Revision #1)

Reference: Proposal for Subsurface Exploration and Geotechnical Engineering
Project ID 9835-00-01
City of Antigo, 4th Ave Bridge
Springbrook Creek Bridge P-34-0701
Local Street
Langlade County

Mr. Beaudette:

In accordance with your request for proposal on June 10, 2021, ECS Midwest, LLC. (ECS) is pleased to submit the following proposal for performance of a subsurface exploration at the site of the above referenced project. This proposal is intended to formalize an outline of our general scope of services and to provide cost information.

As requested, two (2) standard penetration test borings will be performed for this exploration. Further, each of the borings will be extended to 70' below the existing grade. It is proposed that the fee for the performance of the requested scope of services be determined on a unit price basis. On this basis and in accordance with the attached Geotechnical Fee Schedule, we estimate the total fee will be as follows:

DRILLING	Quantity	Unit Rate	Units	FEE
Mobilization	1.0 Trip	\$850	Per Trip	\$850
Per Diem (Hotel)	2 Nights	\$96	Per Night	\$192
Per Diem (Meals)	4 People 2 Days	\$41.25	Per Person Per Day	\$330
Standard Penetration Test Borings (0' to 50')	100'	\$12.00	Per Foot	\$1,200
Standard Penetration Test Borings (50' to 100')	40'	\$16.00	Per Foot	\$640
Pavement Patch	2	\$25.00	Each	\$50
Boring Abandonment	140'	\$4.00	Per Foot	\$560
Utility Clearance and Coordination	1 Hour	\$200	Per Hour	\$200
Samples Prep. and Shipping	1	\$150	Each	\$150
SUBTOTAL				\$4,172
GEOTECHNICAL				
Laboratory Testing and Boring Log Preparation	6 Hours	\$50	Per Hour	\$300
Report Preparation - Staff Geotechnical Engineer	12 Hours	\$90	Per Hour	\$1,080
Report Preparation - Senior Geotechnical Engineer	4 Hours	\$150	Per Hour	\$600
TOTAL FEE				\$6,152

An \$8.00/ft. surcharge will be applied when borings encounter $N \geq 50$ blow per foot soils.

July 8, 2021

ECS Midwest, LLC

The above fees assume the City of Antigo will provide traffic control signs and a 2-person flag crew during the drilling operations. We will notify you in advance if schedule or costs are expected to exceed these estimates. We look forward to working with you on your project. If you have any questions or need additional information, please contact me at 920/886-1406.

CLOSING

If other items are required because of unexpected field conditions or because of a request for additional services, they would be invoiced in accordance with our current Fee Schedule. Before modifying or expanding the extent of our exploration program, you would be informed of our intentions for both your review and authorization. We are pleased to have this opportunity to offer our services and look forward to working with you on the project.

Respectfully submitted,

ECS Midwest, LLC



Matthew Meyer, P.E.
Geotechnical Department Manager
mmeyer@ecslimited.com



Alex E. Barker, P.E.
Office Manager
abarker@ecslimited.com



ECS MIDWEST, LLC

"Setting the Standard for Service"

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FIELD AND LABORATORY:

	<u>Fees</u>
1. Drill Rig Mobilization	
a. Truck Rig	Special Quote
b. ATV Rig	Special Quote
c. Daily ATV Rental	\$175.00/day
2. Drilling and Sampling	
a. Auger Drilling (no sampling)	\$10.00/foot
b. 0'-50'	\$12.00/foot
c. 50'-100'	\$16.00/foot
d. 100'+	\$20.00/foot
e. Rock Core Set-up	\$300.00/each
f. Rock Coring	\$45.00/foot
g. Added ATV Sampling Fee (for SPT Samples Only)	\$2.00/foot
h. Hard Drilling Surcharge (N ≥ 50 bpf)	\$8.00/foot
3. Deck Penetration and Patch	\$300.00/each
4. Concrete or Asphalt Patching	\$25.00/hole
5. Boring Abandonment (In Accordance with Wisc. Admin. Code NR112)	\$4.00/foot
6. Boring Layout and Elevations	\$150.00/hour
7. Per Diem	Federal Rates
8. Access Delay	\$150.00/hour
9. Water Content and Dry Density	\$30.00/each
10. Water Content Only (ASTM D2216)	\$10.00/each
11. Unconfined Compression Test (ASTM D2166)	\$45.00/each
12. Atterberg Limits Including Plasticity Index (ASTM D4318)	\$60.00/each
13. Organic Content Test (ASTM D2974)	\$37.00/each
14. Mechanical Analysis	
a. Through the #200 Sieve (ASTM C117 and C136)	\$85.00/each
b. Through the #200 Sieve Only (ASTM C117)	\$45.00/each
15. Miscellaneous	
a. Shelby Tube Extrusion	\$30.00/each
b. Shelby Tubes (If damaged during sampling)	\$35.00/each

EQUIPMENT:

16. Power Auger Rental	\$85.00/day
17. Coring Machine Rental	\$85.00/day
18. Electricity Generator	\$75.00/day
19. Bit Wear	\$4.50/inch
20. Traffic Control Signage	\$85.00/day
21. Flag Crew	\$1,150.00/day
22. Mileage (not including Drill Rig mileage)	Fed.Reimburse. +\$0.25/mile
23. Manual Boring Equipment Rental	
a. SPT Sampling Equipment	\$125.00/day
b. Hydraulic Tripod Assembly	\$375.00/day

TECHNICAL STAFF

24. Clerical	\$50.00/hour
25. Senior Technician	\$50.00/hour
26. Two-Man Coring/Manual Boring Crew	\$175.00/hour

PROFESSIONAL SERVICES

27. Principal Registered Engineer	\$200.00/hour
28. Senior Registered Engineer	\$150.00/hour
29. Registered Engineer	\$105.00/hour
30. Staff Geotechnical Engineer	\$90.00/hour

REMARKS:

The above rates are valid for calendar year 2021 or the duration of the project, whichever is longer. Services not listed on this schedule will be quoted on request. The minimum invoice for services provided during any month is \$25.00. An overtime rate of 1.5 times the standard rate will apply for services performed over 8 hours per day or outside of 7:00 am to 6:00 pm on Monday through Friday, or anytime on Saturday. Personnel rates are portal to portal. A premium rate of 2.0 times the standard rate will apply for services performed on Sundays and holidays. One day advance scheduling is requested for all field testing services; same day scheduling may be subject to additional charges.