

**RESOLUTION NO. 2022-60**

**RESOLUTION AUTHORIZING THE VILLAGE OF CALEDONIA TO AWARD A CONTRACT FOR THE WASHINGTON MEADOWS WATER MAIN IMPROVEMENTS PROJECT**

**WHEREAS**, the Caledonia Utility District has designed the Washington Meadows Water Main Improvements Project to replace and improve the watermain system in the Village of Caledonia.

**WHEREAS**, The Project was specifically designed to replace the existing watermain on Coachlight Drive, Valley Forge Street, Lexington Avenue, Brandy Wine Avenue, Yorktown Street, Woodview Lane, Bruce Drive and Cindy Drive. This is due to the watermain on these streets having multiple breaks every winter for the past few years.

**WHEREAS**, the Caledonia Utility District has directed that Plans & Specifications be prepared for the Washington Meadows Water Main Improvements Project.

**WHEREAS**, the Caledonia Utility District has advertised to receive sealed bids for the Washington Meadows Water Main Improvements Project and 5 sealed bids were received on May 25, 2022.

**WHEREAS**, the Caledonia Utility District, held a Public/Electronic Bid Opening at the Utility District Office and read the 5 sealed bids.

**WHEREAS**, the lowest responsible bidder for the project with the alternate bid was Reesman's Excavating & Grading Inc. 28815 Bushnell Road Burlington, WI 53105, in the amount of \$1,681,981.35.

**WHEREAS**, The Public Services Director and the Caledonia Utility District's consulting engineer, Foth Infrastructure & Environment LLC., recommended awarding of the contract with the alternate for the Washington Meadows Water Main Improvements Project to the lowest responsible bidder Reesman's Excavating & Grading Inc. in the amount of \$1,681,981.35.

**NOW, THEREFORE, BE IT RESOLVED** that the contract for the Project with the alternate be, and hereby is, awarded to the lowest responsible bidder, Reesman's Excavating & Grading Inc. in the amount of \$1,681,981.35 and that the Public Services Director, Village President, and Village Clerk are authorized to execute any documents necessary to carry out the intent of this Resolution.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this 6<sup>th</sup> day of June 2022.

**VILLAGE OF CALEDONIA**

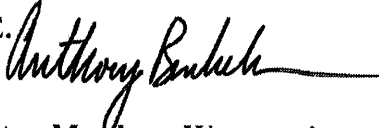
By:   
James R. Dobbs, Village President

Attest:   
Joslyn M. Hoeffert, Village Clerk

## MEMORANDUM

**DATE:** Wednesday, May 25, 2022

**TO:** Caledonia Utility District

**FROM:** Anthony A. Bunkelman P.E.  
Public Services Director 

**RE:** Contract Award – Washington Meadows Watermain

### BACKGROUND INFORMATION

The Washington Meadows Watermain Project has been designed, reviewed, and publicly advertised as required. The bid opening for the project was held on May 25. The Caledonia Utility District has received prequalification statements from 6 contractors and received 5 bids on the project. The low bid was from Reesman's Excavating & Grading Inc. in the amount of \$1,743,223.35. This bid is approximately \$358,775 or 17.1% below the engineers estimate of \$2,102,000.00.

As an Alternative for the project, prices were also obtained for 6" watermain. The area is currently served by 6" watermain and there are multiple points of connectivity for redundancy.

The Reesman's bid for the alternative would reduce the cost by an additional \$61,242.00.

Foth Infrastructure & Environment LLC and Caledonia Utility District staff have reviewed the bids and have provided a recommendation for award to Reesman's Excavating & Grading Inc with the 6" watermain Alternative.

### RECOMMENDATION

**Move to authorize the Caledonia Utility District to issue the Notice of Award to Reesman's Excavating & Grading Inc for the Washington Meadows Watermain Project with Alternate in the amount of \$1,681,981.35.**

**Move to authorize the Utility District President and Secretary to execute any contract documents as necessary.**



Ballpark Commons Office Building  
7044 S. Ballpark Drive, Suite 200  
Franklin, WI 53132  
(414) 336-7900  
foth.com

May 25, 2022

Tony Bunkelman, PE  
Caledonia Utility District  
333 4 ½ Mile Road  
Racine, WI 53402

RE: Washington Meadows Water Main Improvements

Dear Tony: We have reviewed the bids received on May 25, 2022, for the above referenced project. A summary of the bid is as follows:

Bidder	Total Base Bid Amount	Total Alternate Bid Amount
Reesmans Excavating & Grading, Inc.	\$ 1,743,223.35	\$ 1,681,981.35
A.W. Oakes & Son, Inc.	\$ 1,951,999.00	\$ 1,871,779.00
PTS Contractors, Inc	\$ 2,008,000.00	\$ 1,910,094.00**
Globe Contractor, Inc.	\$ 2,029,413.00	\$ 1,964,857.00
The Wanasek Corp	\$ 2,173,773.00	\$ 2,071,387.00

\*\*Denotes corrected bid

Utility counsel has reviewed the prequalification statements for the bidders and has determined that the bidders have met the prequalification requirements.

The alternate bid was requested to explore the costs of installing 6-inch water main. The existing mains in the subdivision are 6" and Utility staff noted no issues with water quantity or quality. The subdivision has very good redundancy with four connections to mains on Green Bay Road and 3 Mile Road. Fire flow capacity of the potential change was reviewed and revealed a residual system pressure drop from 34.5 psi with 8-inch mains to 28.3 psi with 6-inch mains at 500 GPM; both above the DNR code requirement of 20 psi residual at that flowrate.

We recommend awarding the project to Reesmans Excavating & Grading, Inc. for the total alternate bid amount of \$ 1,681,981.35. Their bid is complete and contains all required documentation. The engineer's estimate for the project was \$2,102,000 for the 8-inch main base bid.



Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Schultz".

Andrew Schultz, PE

Project Manager

cc: Bob Lui – Caledonia Utility District

Enclosure: Bid Results Worksheet

Washington Meadows Water Main Improvements (#8201249)  
 Owner: Caledonia Utility District  
 Solicitor: Foth - Milwaukee  
 05/25/2022 10:00 AM CDT

Section Title	Line Item	Item Code	Item Description	Units	Quantity	Reesmans Excavating & Grading, Inc.		A.W. Oakes & Son, Inc.	
						Unit Price	Extension	Unit Price	Extension
Base Bid	1	1	Mobilization/Demobilization	LS	1	\$90,000.00	\$90,000.00	\$11,000.00	\$11,000.00
	2	2	Traffic Control	LS	1	\$7,015.00	\$7,015.00	\$7,185.00	\$7,185.00
	3	3	Clearing and Grubbing	LS	1	\$8,700.00	\$8,700.00	\$4,560.00	\$4,560.00
	4	4	Sawcut Pavement, Full Depth	LF	6900	\$2.35	\$16,215.00	\$1.50	\$10,350.00
	5	5	Remove and Replace Signing	LS	1	\$1,390.00	\$1,390.00	\$915.00	\$915.00
	6	6	Remove and Replace Postal Boxes	LS	1	\$5,350.00	\$5,350.00	\$9,125.00	\$9,125.00
	7	7	Silt Fence	LF	365	\$2.85	\$1,040.25	\$2.60	\$949.00
	8	8	Rock Filled Filter Bags	EA	870	\$12.10	\$10,527.00	\$16.00	\$13,920.00
	9	9	Inlet Protection	EA	34	\$167.00	\$5,678.00	\$78.00	\$2,652.00
	10	10	8-inch PVC Water Main, Spoil Backfill	LF	2163	\$72.00	\$155,736.00	\$97.00	\$209,811.00
	11	11	8-inch PVC Water Main, Granular Backfill	LF	4517	\$106.50	\$481,060.50	\$135.00	\$609,795.00
	12	12	8-inch PVC Water Main, Slurry Backfill	LF	202	\$184.00	\$37,168.00	\$171.00	\$34,542.00
	13	13	Hydrant Assembly	EA	15	\$7,350.00	\$110,250.00	\$7,300.00	\$109,500.00
	14	14	6-inch Hydrant Lead	LF	179	\$50.50	\$9,039.50	\$143.00	\$25,597.00
	15	15	8-inch Gate Valve	EA	19	\$2,350.00	\$44,650.00	\$2,418.00	\$45,942.00
	16	16	HDPE Water Service (1") - Open Cut	LF	1132	\$60.50	\$68,486.00	\$106.00	\$119,992.00
	17	17	HDPE Water Service (1") - Trenchless Pit Launch Installation	LF	1828	\$45.10	\$82,442.80	\$59.00	\$107,852.00
	18	18	1" Water Service Fittings	EA	93	\$581.00	\$54,033.00	\$570.00	\$53,010.00
	19	19	Connection to Existing Water Main	EA	4	\$3,500.00	\$14,000.00	\$5,730.00	\$22,920.00
	20	20	Polystyrene Insulation 4" X 4" T	LF	80	\$12.50	\$1,000.00	\$20.00	\$1,600.00
	21	21	1 1/4" Dense Graded Base (HMA Base)	TON	2550	\$19.15	\$48,832.50	\$16.00	\$40,800.00
	22	22	3/4" Dense Graded Base (Driveway & Shoulder Restoration)	TON	400	\$33.25	\$13,300.00	\$29.00	\$11,600.00
	23	23	HMA Binder Course	TON	960	\$182.00	\$174,720.00	\$200.00	\$192,000.00
	24	24	HMA Surface Course (Includes Driveways)	TON	650	\$133.50	\$86,775.00	\$140.00	\$91,000.00
	25	25	Bituminous Tack Coat	GAL	2020	\$6.40	\$12,928.00	\$4.00	\$8,080.00
	26	26	12" CMP Culverts w/ FES	LF	308	\$86.50	\$26,642.00	\$72.00	\$22,176.00
	27	27	9' x 14" CMPA Culverts w/ FES	LF	108	\$87.70	\$9,471.60	\$69.00	\$7,452.00
	28	28	13'x17" CMPA Culverts w/ FES	LF	72	\$97.60	\$7,027.20	\$72.00	\$5,184.00
	29	29	Ditching	LF	2670	\$11.30	\$30,171.00	\$12.00	\$32,040.00
	30	30	Topsoil, Seed, Fertilizer, and Erosion Mat	SY	10500	\$6.75	\$70,875.00	\$8.50	\$89,250.00
	31	31	Sanitary Sewer Lateral Relay	LF	200	\$193.50	\$38,700.00	\$156.00	\$31,200.00
Base Bid Subtotal=						\$1,723,223.35		\$1,931,999.00	
Allowances	A1	A1	Allowance - Utility Pole Holding	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
Alternate Bid 6 Inch Water Main	10A	10A	Unit Price Adjustment from 8-Inch to 6-inch PVC Water Main, Spoil Backfill	LF	2163	(\$8.00)	(\$17,304.00)	(\$10.00)	(\$21,630.00)
	11A	11A	Unit Price Adjustment from 8-Inch to 6-inch PVC Water Main, Granular Backfill	LF	4517	(\$8.00)	(\$36,136.00)	(\$10.00)	(\$45,170.00)
	12A	12A	Unit Price Adjustment from 8-Inch to 6-inch PVC Water Main, Slurry Backfill	LF	202	(\$1.00)	(\$202.00)	(\$10.00)	(\$2,020.00)
	15A	15A	Unit Price Adjustment from 8-Inch to 6-inch Gate Valve	EA	19	(\$400.00)	(\$7,600.00)	(\$600.00)	(\$11,400.00)
Alternate Bid Subtotal=						(\$61,242.00)		(\$80,220.00)	
Savings per LF of Pipe=						(\$8.90)		(\$11.66)	
<b>Total Base Bid + Allowance=</b>						<b>\$1,743,223.35</b>		<b>\$1,951,999.00</b>	
<b>Total Alternate Bid + Allowance=</b>						<b>\$1,681,981.35</b>		<b>\$1,871,779.00</b>	

PTS Contractors, Inc		PTS Contractors, Inc		Globe Contractors, Inc.		The Wanasek Corp	
Unit Price	Extension	Corrected Alternate		Unit Price	Extension	Unit Price	Extension
\$38,425.00	\$38,425.00			\$4,500.00	\$4,500.00	\$62,000.00	\$62,000.00
\$9,000.00	\$9,000.00			\$8,000.00	\$8,000.00	\$14,200.00	\$14,200.00
\$6,000.00	\$6,000.00			\$2,000.00	\$2,000.00	\$4,300.00	\$4,300.00
\$1.85	\$12,765.00			\$2.00	\$13,800.00	\$2.00	\$13,800.00
\$5,230.00	\$5,230.00			\$5,000.00	\$5,000.00	\$2,225.00	\$2,225.00
\$4,760.00	\$4,760.00			\$12,000.00	\$12,000.00	\$12,305.00	\$12,305.00
\$3.20	\$1,168.00			\$3.00	\$1,095.00	\$3.00	\$1,095.00
\$12.20	\$10,614.00			\$11.00	\$9,570.00	\$16.00	\$13,920.00
\$106.00	\$3,604.00			\$90.00	\$3,060.00	\$69.00	\$2,346.00
\$94.00	\$203,322.00			\$100.00	\$216,300.00	\$83.00	\$179,529.00
\$148.00	\$668,516.00			\$150.00	\$677,550.00	\$144.00	\$650,448.00
\$198.00	\$39,996.00			\$245.00	\$49,490.00	\$242.00	\$48,884.00
\$6,700.00	\$100,500.00			\$8,000.00	\$120,000.00	\$7,520.00	\$112,800.00
\$110.00	\$19,690.00			\$115.00	\$20,585.00	\$105.00	\$18,795.00
\$2,300.00	\$43,700.00			\$2,800.00	\$53,200.00	\$2,585.00	\$49,115.00
\$62.00	\$70,184.00			\$69.00	\$78,108.00	\$96.00	\$108,672.00
\$62.00	\$113,336.00			\$69.00	\$126,132.00	\$54.00	\$98,712.00
\$1,165.00	\$108,345.00			\$675.00	\$62,775.00	\$1,515.00	\$140,895.00
\$3,620.00	\$14,480.00			\$4,050.00	\$16,200.00	\$12,300.00	\$49,200.00
\$12.50	\$1,000.00			\$20.00	\$1,600.00	\$20.00	\$1,600.00
\$16.60	\$42,330.00			\$20.00	\$51,000.00	\$25.00	\$63,750.00
\$21.00	\$8,400.00			\$20.00	\$8,000.00	\$50.00	\$20,000.00
\$185.00	\$177,600.00			\$175.00	\$168,000.00	\$185.00	\$177,600.00
\$130.00	\$84,500.00			\$123.00	\$79,950.00	\$130.00	\$84,500.00
\$4.00	\$8,080.00			\$3.70	\$7,474.00	\$4.00	\$8,080.00
\$90.00	\$27,720.00			\$68.00	\$20,944.00	\$85.00	\$26,180.00
\$90.00	\$9,720.00			\$70.00	\$7,560.00	\$89.00	\$9,612.00
\$95.00	\$6,840.00			\$120.00	\$8,640.00	\$90.00	\$6,480.00
\$15.00	\$40,050.00			\$19.00	\$50,730.00	\$19.00	\$50,730.00
\$7.25	\$76,125.00			\$7.50	\$78,750.00	\$8.00	\$84,000.00
\$160.00	\$32,000.00			\$237.00	\$47,400.00	\$190.00	\$38,000.00
	\$1,988,000.00				\$2,009,413.00		\$2,153,773.00
\$20,000.00	\$20,000.00			\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
\$80.00	\$173,040.00	(\$14.00)	(\$30,282.00)	(\$8.00)	(\$17,304.00)	(\$13.00)	(\$28,119.00)
\$136.00	\$614,312.00	(\$12.00)	(\$54,204.00)	(\$8.00)	(\$36,136.00)	(\$13.00)	(\$58,721.00)
\$188.00	\$37,976.00	(\$10.00)	(\$2,020.00)	(\$8.00)	(\$1,616.00)	(\$13.00)	(\$2,626.00)
\$1,700.00	\$32,300.00	(\$600.00)	(\$11,400.00)	(\$500.00)	(\$9,500.00)	(\$680.00)	(\$12,920.00)
			(\$97,906.00)		(\$64,556.00)		(\$102,386.00)
			(\$14.23)		(\$9.38)		(\$14.88)
	\$2,008,000.00				\$2,029,413.00		\$2,173,773.00
			\$1,910,094.00		\$1,964,857.00		\$2,071,387.00

Caledonia Utility District  
 Washington Meadows Water Main Improvements  
 Bid Summary  
 May 25, 2022  
 10:00 AM

Company Name	Bid Bond	Subcontractor Listing	Substitutes and Or Equal	Bid Total	Apparent Low Bidder
PTS Contractors	✓	✓	✓	\$ 1,988,000.00	
AW Oakes	✓	✓	✓	\$ 1,931,999.00	
The Wanasek Corp	✓	✓	✓	\$ 2,153,773.00	
Reesmans Excavating & Grading	✓	✓	✓	\$ 1,743,223.35	✓
Globe Contractors	✓	✓	✓	\$ 2,009,413.00	
Engineers Estimate				\$ 2,102,000.00	



**CALEDONIA UTILITY DISTRICT  
WASHINGTON MEADOWS WATER MAIN IMPROVEMENTS  
ENGINEERS ESTIMATE  
MAY 24, 2022**

WASHINGTON MEADOWS WATER MAIN IMPROVEMENTS - BASE BID					
No.	Description	Quantity	Unit	Unit Price	Total Price
1	Mobilization/Demobilization	1	LS	\$ 60,000.00	\$ 60,000.00
2	Traffic Control	1	LS	\$ 20,000.00	\$ 20,000.00
3	Clearing and Grubbing	1	LS	\$ 6,000.00	\$ 6,000.00
4	Sawcut Pavement, Full Depth	6900	LF	\$ 1.50	\$ 10,350.00
5	Remove and Replace Signing	1	LS	\$ 5,000.00	\$ 5,000.00
6	Remove and Replace Postal Boxes	1	LS	\$ 10,000.00	\$ 10,000.00
7	Silt Fence	365	LF	\$ 3.50	\$ 1,277.50
8	Rock Filled Filter Bags	870	EA	\$ 13.00	\$ 11,310.00
9	Inlet Protection	34	EA	\$ 120.00	\$ 4,080.00
10	8-inch PVC Water Main, Spoil Backfill	2163	LF	\$ 84.00	\$ 181,692.00
11	8-inch PVC Water Main, Granular Backfill	4517	LF	\$ 143.00	\$ 645,931.00
12	8-inch PVC Water Main, Slurry Backfill	202	LF	\$ 200.00	\$ 40,400.00
13	Hydrant Assembly	15	EA	\$ 7,200.00	\$ 108,000.00
14	6-inch Hydrant Lead	179	LF	\$ 125.00	\$ 22,375.00
15	8-inch Gate Valve	19	EA	\$ 2,000.00	\$ 38,000.00
16	HDPE Water Service (1") - Open Cut	1132	LF	\$ 100.00	\$ 113,200.00
17	HDPE Water Service (1") - Trenchless Pit Launch Installation	1828	LF	\$ 45.00	\$ 82,260.00
18	1" Water Service Fittings	93	EA	\$ 600.00	\$ 55,800.00
19	Connection to Existing Water Main	4	EA	\$ 4,250.00	\$ 17,000.00
20	Polystyrene Insulation 4"W x 4"T	80	LF	\$ 25.00	\$ 2,000.00
21	1 1/4" Dense Graded Base (HMA Base)	2550	TON	\$ 20.00	\$ 51,000.00
22	3/4" Dense Graded Base (Shoulder Restoration)	400	TON	\$ 25.00	\$ 10,000.00
23	HMA Binder Course	960	TON	\$ 165.00	\$ 158,400.00
24	HMA Surface Course (Includes Driveways)	650	TON	\$ 148.00	\$ 96,200.00
25	Bituminous Tack Coat	2020	GAL	\$ 3.00	\$ 6,060.00
26	12" CMP Culverts w/ FES	308	LF	\$ 80.00	\$ 24,640.00
27	9" x 14" CMPA Culverts w/ FES	108	LF	\$ 80.00	\$ 8,640.00
28	13" x 17" CMPA Culverts w/ FES	72	LF	\$ 96.00	\$ 6,912.00
29	Ditching	2670	LF	\$ 16.00	\$ 42,720.00
30	Topsoil, Seed, Fertilizer, and Erosion Matting	10500	SY	\$ 8.00	\$ 84,000.00

SUBTOTAL OF BASE BID \$ 1,923,247.50

ALLOWANCES - Utility Pole Holding \$ 20,000

TOTAL OF BASE BID \$ 2,102,000.00

