





May 18, 2022

Mr. Bob Hanvey, Chairman
Marion Howell Oceola Genoa SWATH
1577 North Latson Road
Howell, MI 48843

**Re: MHOG Cross Country Water Main
Contract 200-12719-17002
Bid Results and Recommendation**

Dear Mr. Hanvey:

On behalf of the MHOG SWATH, bids were requested from invited contractors for the subject project. The proposed work would construct 8,114 feet of 20-inch transmission water main between County Farm Road and Peavy Road to increase the conveyance of flow from Sanitorium Road Booster Station to the Hometown Village Tank in Marion Township.

On May 13, 2022, one bid was received from Dunigan Brothers for \$6,316,467.90. Dunigan Brothers also provided their pipe material quote as part of their bid, which totaled \$1,146,280.40. A portion of the bid form and the pipe material quote has been attached for your information.

Our Engineer's Opinion of Probable Cost for the project, including the contingency amount, was \$2,303,000. The single bid received is well above our opinion of probable cost prepared as part of the design phase and to our knowledge is well beyond the available funding of the Authority. The highest cost in the received bid was the cost of directional drilling the proposed 24-inch water main through the wetland. In discussing the prices with the contractor, it was noted there was significant cost to create a work platform and gain access to the water main route within the wetlands.

After consulting with staff and reviewing the bid received it is our recommendation that the bid be rejected. We will regroup with the operators and utility director to determine how to proceed with either a revised scope of the project or delay until construction conditions are more favorable. At this time, there is a significant volume of work in the area that appears to be affecting prices and contractor availability.

We look forward to working with the Authority to determine the next steps in implementing a solution for the growing water needs in the Authority's service area.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gary J. Markstrom'.

Gary J. Markstrom, P.E.
Vice President

Attachments

copy: Greg Tatara

SECTION 00410 - BID FORM

**MARION, HOWELL, OCEOLA, AND GENOA
SEWER AND WATER AUTHORITY
CROSS-COUNTRY WATER MAIN
Contract Number 200-12719-17002**

ARTICLE 1 – BID RECIPIENT

- 1.01 This Bid is submitted to:
Marion, Howell, Oceola, Genoa Sewer and Water Authority
Genoa Township Hall
2911 Dorr Road
Brighton, MI 48116
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 30 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Total Amount
1.	Mobilization	LS	1	\$ 315,810 ⁻	\$ 315,810 ⁻
2.	Traffic Control	LS	1	\$ 17,710 ⁻	\$ 17,710 ⁻
3.	Audiovisual Coverage	LS	1	\$ 5,470 ⁻	\$ 5,470 ⁻
4.	Open Cut Restoration, Topsoil, Seed, and Mulch	SY	11,000	\$ 8.10	\$ 89,100 ⁻
5.	Erosion Control Silt Fence	LF	2,000	\$ 76.30	\$ 152,600 ⁻
6.	16" DIP Water Main, PC 350, Open Cut	LF	100	\$ 2,298.80	\$ 229,880 ⁻
7.	20" DIP Water Main, PC 350, Open Cut	LF	2,800	\$ 237.70	\$ 665,560 ⁻
8.	20" DIP Water Main, PC 350, Microtunneling [as HDD]	LF	800	\$ 734.80	\$ 587,840 ⁻
9.	24" HDPE DR 11, HDD	LF	4,500	\$ 910 ⁻	\$ 4,095,000 ⁻
10.	Copper Water Service Lateral, 1"	LF	35	\$ 131.90	\$ 4,616.50
11.	Curb Stop and Box	EA	3	\$ 423.80	\$ 1,271.40
12.	MH for Butterfly Valve (Precast Concrete Utility Structure 8' deep, 60")	EA	4	\$ 11,150 ⁻	\$ 44,600 ⁻
13.	20" Butterfly Valve	EA	4	\$ 7,860 ⁻	\$ 31,440 ⁻
14.	22.5 Degree Bend, 20" DIA, DI	EA	1	\$ 3,250 ⁻	\$ 3,250 ⁻
15.	45 Degree Bend, 20" DIA, DI	EA	2	\$ 3,430 ⁻	\$ 6,860 ⁻

Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Total Amount
16.	45 Degree Bend, 24" DIA, HDPE	EA	6	\$ 2060 ⁻	\$ 12360 ⁻
17.	20" x 20" x 20" Tee	EA	1	\$ 6490 ⁻	\$ 6490 ⁻
18.	20" x 16" Reducer	EA	1	\$ 2580 ⁻	\$ 2580 ⁻
19.	Connect to Existing Water Main	EA	2	\$ 20,050 ⁻	\$ 20,050 ⁻
20.	Fence, Woven Wire with Wood Post	LF	120	\$ 42.50	\$ 5100 ⁻
21.	Fire Hydrant Assembly	EA	3	\$ 15180 ⁻	\$ 15180 ⁻
22.	Gravel Driveway Restoration	EA	2	\$ 1210 ⁻	\$ 2420 ⁻
23.	Asphalt Driveway Restoration	EA	1	\$ 7770 ⁻	\$ 7770 ⁻
24.	Water Main Material Price Escalation Contingency Allowance	LS	1	\$150,000	\$150,000

All specific allowances are included in the price(s) set forth above and have been computed in accordance with Paragraph 11.02 of the General Conditions.

1. Included in the Total of all Unit Prices is a Lump Sum Allowance for water main material price escalation contingency in the amount of \$150,000.

Total for all Unit Prices = Total Bid Price

\$ 6,316,467.90

Alternate 1: Furnish and install 24-inch HDPE DR 11 piping with DIPS dimensions.

Add
Deduct \$ 400,000.00

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.



ETNA SUPPLY - WIXOM
29949 BECK RD
WIXOM, MI 48393-2836
248 624 5000
Fax 248 624 9563

Quotation

QUOTE DATE	QUOTE NUMBER
05/12/2022	S104554344
ETNA SUPPLY PO Box 772107 DETROIT, MI 48277-2107 P-616 248 9182 F-616 245 9940	
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QUOTE TO:

SHIP TO:

UNDERGROUND QUOTES
GRAND RAPIDS, MI 49548

CROSS-COUNTRY TRANSMISSION
MAIN MHOG
HOWELL, MI 48843

CUSTOMER NUMBER		JOB NAME / PO NUMBER		JOB NAME / RELEASE NUMBER		SALESPERSON		
59813		CROSS-COUNTRY		BIDS 5/13/22 2:00PM		House UG		
WRITER			SHIP VIA		TERMS		EXPIRE DATE	FREIGHT EXEMPT
Alex Wagner							05/19/2022	
ITEM #	ORDER QTY	DESCRIPTION				UNIT PRICE		EXT PRICE
5	2000ft	***30+ WEEK LEAD TIME ON DI PIPE***				0.57	1140.00	
		HDPE LEAD TIME EST. 11-13 WEEKS						
6	100ft 4ea	SILT FENCE 2' X 100' W/STAKES				77.10	7710.00	
		Subtotal -----5						
6	100ft 4ea	16" DI PIPE CL350 C/L SLIP JOINT				468.00	1872.00	
		16 AMARILLO FAST-GRIP GASKET						
		Subtotal -----6					9582.00	
7	2800ft	20 DI PIPE PC350 C/L SLIPJOINT				101.50	284200.00	
	39ea	20 AMARILLO FAST-GRIP GASKET				654.00	25506.00	
	3000ft	TW10BLUE - 10 GAUGE COPPER CLAD				0.27	810.00	
	3300ft	DPW2024 - 20"-24" 8 MIL				1.08	3564.00	
	4ea	24X20 DI MJ RED LESS/ACC				1837.00	7348.00	
	4ea	20 ROMAGRIP FOR DI DOMESTIC				382.00	1528.00	
	4ea	USA 20 MECHANICAL JOINT GASKET				18.00	72.00	
	64ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT				6.50	416.00	
		Subtotal -----7					323444.00	
8	800ft	^20" DI PIPE CL350 C/L FLEX-RING				143.65	114920.00	
	1000ft	TW12BLUEEXH- 12 GAUGE EXTRA HEAVY				0.34	340.00	
	880ft	DPW2024 - 20"-24" 8 MIL				1.08	950.40	
		Subtotal -----8					116210.40	
9	4500ft	^24X50 DIPS SDR11 BLUE STRIPE HDPE				125.75	565875.00	
	5000ft	TW12BLUEEXH- 12 GAUGE EXTRA HEAVY				0.34	1700.00	
	40ea	ELECTROFUSION FLEX RESTRAINT DEVICE				49.00	1960.00	



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CROSS-COUNTRY TRANSMISSION
MAIN MHOG
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ITEM #	ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	4ea	^24 DIPS SDR11 MJ ADAPTER W/SS	1565.00	6260.00
	4ea	24 MECHANICAL JOINT GLAND	208.00	832.00
	4ea	USA 24 MECHANICAL JOINT GASKET	22.00	88.00
	64ea	3/4 X 7 MJ COR-BLUE T-BOLT W/NUT	16.50	1056.00
		Subtotal -----9		577771.00
10	60ft	1X60FT COP K SOFT COIL	825.00	495.00
		Subtotal -----10		495.00
11	3ea	FB1000-4-Q-NL- 1 BALL CORP STOP QJ	83.00	249.00
	3ea	B44-444M-Q-NL 1 CURB STOP MINN QJ	138.00	414.00
	3ea	MUELLER H10300-02 5'6" 2" BASE	48.00	144.00
	3ea	MUELLER 88036SS S.S. STATIONARY	18.00	54.00
		Subtotal -----11		861.00
12	4ea	60" GATE WELL W/RUBBER JOINTS	1300.00	5200.00
	4ea	^EJ 1040Z FRAME AND 1040A COVER	575.00	2300.00
		Subtotal -----12		7500.00
13	4ea	^PRATT 20" WAFER OL GROUNDHOG	5030.00	20120.00
	8ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	3056.00
	8ea	USA 20 MECHANICAL JOINT GASKET	18.00	144.00
	128ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	832.00
		Subtotal -----13		24152.00
14	1ea	20 DI MJ 22 1/2 LESS/ACC	1516.00	1516.00
	2ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	764.00
	2ea	USA 20 MECHANICAL JOINT GASKET	18.00	36.00
	32ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	208.00
		Subtotal -----14		2524.00
15	2ea	20 DI MJ 45 LESS/ACC :07300	1650.00	3300.00



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ITEM #	ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	4ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	1528.00
	4ea	USA 20 MECHANICAL JOINT GASKET	18.00	72.00
	64ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	416.00
		Subtotal -----15		5316.00
16	6ea	24 DIPS DR11 45 DEGREE BEND FULLY ***8-12 WEEK LEAD TIME***	1603.00	9618.00
		Subtotal -----16		9618.00
17	1ea	20 DI MJ TEE LESS/ACC	3528.00	3528.00
	3ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	1146.00
	3ea	USA 20 MECHANICAL JOINT GASKET	18.00	54.00
	48ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	312.00
		Subtotal -----17		5040.00
18	1ea	20X16 DI MJ RED LESS/ACC	1134.00	1134.00
	1ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	382.00
	1ea	USA 20 MECHANICAL JOINT GASKET	18.00	18.00
	16ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	104.00
	1ea	16 ROMAGRIP FOR DI DOMESTIC	209.00	209.00
	1ea	16" MJ COR-BLU BOLT AND GASKET SET	51.00	51.00
		Subtotal -----18		1898.00
19	1ea	20 DI MJ TEE LESS/ACC	3528.00	3528.00
	1ea	20 DI MJ LP SLEEVE LESS/ACC	1319.00	1319.00
	1ea	16 DI MJ LP SLEEVE LESS/ACC	824.00	824.00
	5ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	1910.00
	5ea	USA 20 MECHANICAL JOINT GASKET	18.00	90.00
	80ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	520.00
	2ea	16 ROMAGRIP FOR DI DOMESTIC	209.00	418.00
	2ea	16" MJ COR-BLU BOLT AND GASKET SET	51.00	102.00
		Subtotal -----19		8711.00
21	3ea	^EJIW HYDRANT MARION TWP SPEC	3485.00	10455.00



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CROSS-COUNTRY TRANSMISSION
MAIN MHOG
HOWELL, MI 48843

ITEM #	ORDER QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
	3ea	^RODON STANDARD 5' HYDRAFINDER	29.00	87.00
	3ea	6" MUELLER C515 MJ GATE VALVE OL	790.00	2370.00
	3ea	TYLER VB #D BOX WITH LID & #6 BASE	310.00	930.00
	3ea	20X6 DI MJ TEE LESS/ACC	1896.00	5688.00
	1ea	20 DI MJ PLUG	1509.00	1509.00
		6X36 HYD ADAPTER NOT AVAILABLE		
	3ea	TYLER 6X24 DI MJ HYD ADAPTER W/1	244.00	732.00
	5ea	20 ROMAGRIP FOR DI DOMESTIC	382.00	1910.00
	6ea	USA 20 MECHANICAL JOINT GASKET	18.00	108.00
	96ea	3/4 X 4-1/2 MJ COR-BLUE T-BOLT	6.50	624.00
	12ea	6" MJ COR-BLU BOLT AND GASKET SET	22.00	264.00
		Subtotal -----21		24677.00
		ADDITIONAL ITEMS:		
	19ea	^24 DIPS SDR11 ELECTROFUSION	1439.00	27341.00
		Subtotal -----ADDITIONAL ITEMS		27341.00

This Quotation is controlled by ETNA's standard terms and conditions ("ETNA's Standard Terms") found at <https://www.etnasupply.com/TermsandConditionsOfQuotation>. Any other terms are expressly rejected. To the extent there is a conflict between any of the terms appearing on the face of this Quotation and ETNA's Standard Terms, the terms appearing on the face of the Quotation control. TAXES ARE NOT INCLUDED ON THIS QUOTE!

Prices are firm for 6 days. Price subject to change after 6 days.

Subtotal	1146280.40
S&H Charges	0.00
Amount Due	1146280.40



2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

October 30, 2023

Michigan Economic Development Corporation
300 N. Washington Square
Lansing, MI 48913

Re: Ann Arbor SPARK - Strategic Site Readiness Program Grant Support

To Whom it May Concern:

Genoa Charter Township would like to offer our support for the Strategic Site Readiness Program grant application by Ann Arbor SPARK. This grant application includes a request for funds to improve municipal water reliability and capacity for the MHOG Water Authority which serves Genoa Township. This improvement is critical to meet anticipated water demands for planned strategic site development along S. Latson Road.

For these reasons, Genoa Charter Township fully supports the efforts of Ann Arbor SPARK and we encourage favorable consideration of and decision for the application.

Sincerely,

Bill Rogers
Township Supervisor

SUPERVISOR

Bill Rogers

CLERK

Paulette A. Skolarus

TREASURER

Robin L. Hunt

TRUSTEES

Jean W. Ledford

Terry Croft

Diana Lowe

Jeff Dhaenens

MANAGER

Kelly VanMarter



2911 Dorr Road
Brighton, MI 48116
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genoa.org

January 11, 2024

Michigan Economic Development Corporation
300 N. Washington Square
Lansing, MI 48913

Re: Ann Arbor SPARK - Strategic Site Readiness Program Grant Support

To Whom it May Concern:

Genoa Charter Township would like to offer this letter supporting development opportunities in association with the Strategic Site Readiness Program grant application by Ann Arbor SPARK. This grant application includes a request for funds to improve municipal water reliability and capacity for the MHOG Water Authority which serves Genoa Township. This improvement is critical to meet anticipated water demands for planned strategic site development along S. Latson Road.

The existing S. Latson Interchange Campus Planned Unit Development has approval to accommodate office, light industrial, data processing, research and development, medical, and other related "high tech" uses. These uses may be involved in such activities as engineering, design, research and development, robotics research, prototype development, demonstration and display laboratories, testing laboratories, data processing and computer centers and other research and high technology activities of similar character and intensity. The Township encourages and supports development that is compatible with the provisions of the development agreement.

Sincerely,

Bill Rogers
Township Supervisor

SUPERVISOR

Bill Rogers

CLERK

Paulette A. Skolarus

TREASURER

Robin L. Hunt

TRUSTEES

Jean W. Ledford

Terry Croft

Diana Lowe

Jeff Dhaenens

MANAGER

Kelly VanMarter



October 30, 2023

TO: MEDC

FROM: Versa RE

RE: Support of Ann Arbor Spark Application

As the owner of the subject property of this application, Versa RE is very much in support of Ann Arbor Spark's application. The great location of the subject property, our initial investment in roads and utilities, and the hopeful support from MEDC, will only make this one of the top sites for development in Michigan and the Midwest.

We are available to answer any questions. todd@versacos.com

A handwritten signature in black ink, appearing to read 'Todd Wyett', with a long, sweeping horizontal line extending to the right.

Todd A. Wyett
Principal