

M E M O

To: **Ryan Cummins, P.E.**

From: Scott Wood, P.E.

Date: November 12, 2021

Project Number: 19326

Regarding: Miller Road Booster Station Improvements
Bid Results and Recommendation

Please find enclosed a Bid Tabulation for the bids received on November 12, 2021 for the Miller Road Booster Station Improvements. A total of (4) bids were submitted and opened at the City of Avon – City Hall. Bids ranged from a low bid of \$215,808.00 to a high bid of \$276,275.00.

The Engineer's Estimate for the project was \$271,390. The low bid of \$215,808.00 as received from Workman Industrial Services, Inc. is approximately 20.5% below the Engineer's Estimate for the project.

Summary of Bid Totals

Contractor	Bid Total
Workman Industrial Services, Inc.	\$215,808.00
CRS Metalworx, Inc.	*\$3,091,019.75 **(\$220,462.05)
Nerone & Sons	\$248,363.00
North Bay Construction	\$276,275.00

* Bid Total as calculated based on Written Unit Prices in the Bid Proposal.

** Bid Total as submitted in the Bid Proposal – Total Project Cost.

The bid as submitted by Workman Industrial Services, Inc. has been reviewed and found to be in conformance with the requirements of the Contract Documents. Therefore, it is our recommendation to the City of Avon - City Council that Workman Industrial Services, Inc. is the lowest and best bid for the Miller Road Booster Station Improvements Project.

Cc: Michael Farmer, City of Avon, Service Director
Bill Logan, City of Avon, Finance Director
John Gasior, City of Avon, Law Director

BIDDER'S CHECKLIST

Miller Road Booster Station Improvements

(4 Bidders)

Bid Opening Date – November 11, 2021

Avon, Ohio

Bid Components	Workman Industrial Services, Inc.	CRS Metalworx, Inc.	Nerone & Sons	North Bay Construction
Proposal - Completed and Signed	Yes	Yes	Yes	Yes
Addendums No. 1 & No. 2 – Submitted with Bid	Yes	Yes	Yes	Yes
Bid Bond or Check - Submitted with Bid	Yes - Bid Bond	Yes - Bid Bond	Yes - Bid Bond	Yes - Bid Bond
Bidder's Qualification Statement – Completed with Bid	Yes	Yes	Yes	Yes
Personal Property Tax Statement – Complete with Bid	Yes	Yes	Yes	Yes
Non-Collusion Affidavit – Completed with Bid	Yes	Yes	Yes	Yes
Certifications for Finding of Recovery – Complete with Bid	Yes	Yes	Yes	Yes
Verification of Bid Total	Yes	Yes	Yes	Yes

BID TABULATION**Miller Road Booster Station Improvements****City of Avon****DATE: November 11, 2021**CVE JOB NO. **19326** Engineer's Estimate: \$271,390.00

DATE: November 11, 2021				WORKMAN INDUSTRIAL SERVICES, INC.		CRS METALWORX, INC.		NERONE & SONS, INC.	
CVE JOB NO. 19326 Engineer's Estimate: \$271,390.00									
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	CLEARING AND GRUBBING	LUMP	1	\$1,325.00	\$1,325.00	\$2,332.00	\$2,332.00	\$3,400.00	\$3,400.00
2	EXCAVATION & EMBANKMENT	LUMP	1	\$3,260.00	\$3,260.00	\$1,060.00	\$1,060.00	\$10,700.00	\$10,700.00
3	SUBGRADE COMPACTION	SY	75	\$2.00	\$150.00	\$3,816.00	\$286,200.00	\$8.00	\$600.00
4	CONCRETE APRON	SY	75	\$150.00	\$11,250.00	\$14,840.25	\$1,113,018.75	\$117.00	\$8,775.00
5	ELECTRICAL GENERATOR CONCRETE PAD	CY	8	\$1,325.00	\$10,600.00	\$6,360.00	\$50,880.00	\$809.00	\$6,472.00
6	REMOVE & REPLACE CHAIN LINK FENCE	LF	60	\$94.00	\$5,640.00	\$9,115.80	\$546,948.00	\$134.00	\$8,040.00
7	6 INCH STORM SEWER	LF	10	\$130.00	\$1,300.00	\$636.00	\$6,360.00	\$126.00	\$1,260.00
8	6 INCH STORM SEWER LATERAL	LF	19	\$80.00	\$1,520.00	\$1,273.00	\$24,187.00	\$72.00	\$1,368.00
9	12 INCH STORM SEWER	LF	18	\$130.00	\$2,340.00	\$1,908.00	\$34,344.00	\$91.00	\$1,638.00
10	CATCH BASIN 2-2B	EACH	1	\$1,675.00	\$1,675.00	\$1,590.00	\$1,590.00	\$4,800.00	\$4,800.00
11	TRENCH DRAIN	LF	10	\$315.00	\$3,150.00	\$4,028.00	\$40,280.00	\$405.00	\$4,050.00
12	BOOSTER PUMP (MATERIALS & INSTALLATION)	LUMP	1	\$20,945.000	\$20,945.00	\$12,749.00	\$12,749.00	\$22,100.00	\$22,100.00
13	CHLORINATOR (MATERIALS & INSTALLATION)	EACH	2	\$210.00	\$420.00	\$1,064.00	\$2,128.00	\$1,180.00	\$2,360.00
14	VARIABLE FREQUENCY DRIVE	LUMP	1	\$1,260.00	\$1,260.00	\$1,961.00	\$1,961.00	\$4,400.00	\$4,400.00
15	PROGRAM LOGIC CONTROLLER	LUMP	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
16	EMERGENCY GENERATOR & AUTOMATIC TRANSFER SWITCH	LUMP	1	\$14,480.00	\$14,480.00	\$9,540.00	\$9,540.00	\$12,900.00	\$12,900.00
17	INTERIOR BUILDING IMPROVEMENTS	LUMP	1	\$17,010.00	\$17,010.00	\$10,858.00	\$10,858.00	\$12,600.00	\$12,600.00
18	EXTERIOR BUILDING IMPROVEMENTS	LUMP	1	\$54,075.00	\$54,075.00	\$61,541.00	\$61,541.00	\$66,700.00	\$66,700.00
19	MECHANICAL (PLUMBING & HVAC IMPROVEMENTS)	LUMP	1	\$11,970.00	\$11,970.00	\$19,618.00	\$19,618.00	\$12,800.00	\$12,800.00
20	ELECTRICAL IMPROVEMENTS	LUMP	1	\$18,438.00	\$18,438.00	\$19,586.00	\$19,586.00	\$26,200.00	\$26,200.00
21	MAINTENANCE OF TRAFFIC	LUMP	1	\$250.00	\$250.00	\$636.00	\$636.00	\$1,000.00	\$1,000.00
22	SEEDING & MULCHING	SY	250	\$12.00	\$3,000.00	\$3,250.00	\$812,500.00	\$12.00	\$3,000.00
23	EROSION CONTROL	LUMP	1	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$1,700.00	\$1,700.00
24	CONSTRUCTION STAKING ALLOWANCE	LUMP	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
25	GENERAL CONSTRUCTION CONTINGENCY ALLOWANCE	LUMP	1	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00	\$24,000.00
	TOTAL PROJECT COST			TOTAL	\$215,808.00	TOTAL	\$3,091,016.75	* TOTAL	\$248,363.00
				DAYS TO COMPLETE: 90 Days		DAYS TO COMPLETE: 120		DAYS TO COMPLETE: 80 WORKING DAYS	
				EARLIEST START DATE: 30 Days from NTP		EARLIEST START DATE: 01/17/2022		EARLIEST START DATE: January 31, 2022	
						*UNIT PRICES SHOWN HEREIN BASED ON WRITTEN UNIT PRICES IN BID BOOK		Miller Road Booster Station Improvments City of Ayer	

				NORTH BAY CONSTRUCTION, INC.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	TOTAL PRICE
1	CLEARING AND GRUBBING	LUMP	1	\$3,100.00	\$3,100.00
2	EXCAVATION & EMBANKMENT	LUMP	1	\$8,064.00	\$8,064.00
3	SUBGRADE COMPACTION	SY	75	\$13.00	\$975.00
4	CONCRETE APRON	SY	75	\$144.00	\$10,800.00
5	ELECTRICAL GENERATOR CONCRETE PAD	CY	8	\$830.00	\$6,640.00
6	REMOVE & REPLACE CHAIN LINK FENCE	LF	60	\$126.00	\$7,560.00
7	6 INCH STORM SEWER	LF	10	\$74.00	\$740.00
8	6 INCH STORM SEWER LATERAL	LF	19	\$98.00	\$1,862.00
9	12 INCH STORM SEWER	LF	18	\$266.00	\$4,788.00
10	CATCH BASIN 2-2B	EACH	1	\$1,473.00	\$1,473.00
11	TRENCH DRAIN	LF	10	\$477.00	\$4,770.00
12	BOOSTER PUMP (MATERIALS & INSTALLATION)	LUMP	1	\$11,512.00	\$11,512.00
13	CHLORINATOR (MATERIALS & INSTALLATION)	EACH	2	\$311.00	\$622.00
14	VARIABLE FREQUENCY DRIVE	LUMP	1	\$6,564.00	\$6,564.00
15	PROGRAM LOGIC CONTROLLER	LUMP	1	\$5,000.00	\$5,000.00
16	EMERGENCY GENERATOR & AUTOMATIC TRANSFER SWITCH	LUMP	1	\$16,602.00	\$16,602.00
17	INTERIOR BUILDING IMPROVEMENTS	LUMP	1	\$23,220.00	\$23,220.00
18	EXTERIOR BUILDING IMPROVEMENTS	LUMP	1	\$74,860.00	\$74,860.00
19	MECHANICAL (PLUMBING & HVAC IMPROVEMENTS)	LUMP	1	\$16,266.00	\$16,266.00
20	ELECTRICAL IMPROVEMENTS	LUMP	1	\$34,537.00	\$34,537.00
21	MAINTENANCE OF TRAFFIC	LUMP	1	\$5,655.00	\$5,655.00
22	SEEDING & MULCHING	SY	250	\$10.00	\$2,500.00
23	EROSION CONTROL	LUMP	1	\$1,665.00	\$1,665.00
24	CONSTRUCTION STAKING ALLOWANCE	LUMP	1	\$2,500.00	\$2,500.00
25	GENERAL CONSTRUCTION CONTINGENCY ALLOWANCE	LUMP	1	\$24,000.00	\$24,000.00
	TOTAL PROJECT COST			TOTAL	\$276,275.00
				DAYS TO COMPLETE: 133 DAYS	
				EARLIEST START DATE: 2/7/22	