Beckwith Street Water Main Replacement

Tabulation of Bids

WOITH ENGINEERING, INC.
ENGINEERS & SURVEYORS
GREAT FALLS • MISSOULA • WWW.WOITHENG.COM

Project Owner: City of Missoula/Missoula Water
City Project No. 2020-043; Bids Due January 12, 2022 at 3:00 PM MST

Bid Schedule No. 1 - Water Main Infrastructure				Engineer's Estimate		Three Rivers Landworks		Western Excavating		Knife River - Missoula		Prospect Construction Inc.	
				$ 447,746.50		$ 432,489.37		$ 452,188.00		$ 490,435.00		$ 606,625.00	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.1	8" Class 350 Ductile Iron Water Main	LF	1120	$ 129.00	$ 144,480.00	$ 114.00	$ 127,680.00	$ 90.00	$ 100,800.00	$ 110.00	$ 123,200.00	$ 156.00	$ 174,720.00
1.2	10" HDPE Water Main (Directional Drilled)	LF	150	$ 537.50	$ 80,625.00	$ 351.00	$ 52,650.00	$ 435.00	$ 65,250.00	$ 490.00	$ 73,500.00	$ 420.00	$ 63,000.00
1.3	8" DIP 45-degree Bend (MJ x MJ)	EA	10	$ 860.00	$ 8,600.00	$ 606.00	$ 6,060.00	$ 1,000.00	$ 10,000.00	$ 1,200.00	$ 12,000.00	$ 1,200.00	$ 12,000.00
1.4	Water Main Testing	LS	1	$ 15,000.00	$ 15,000.00	$ 8,000.00	$ 8,000.00	$ 5,500.00	$ 5,500.00	$ 7,300.00	$ 7,300.00	$ 8,000.00	$ 8,000.00
1.5	8" Gate Valve - C509 (MJ x MJ)	EA	7	$ 1,612.50	$ 11,287.50	$ 3,169.40	$ 22,185.80	$ 3,525.00	$ 24,675.00	$ 3,400.00	$ 23,800.00	$ 3,700.00	$ 25,900.00
1.6	8" Gate Valve - C509 (MJ x FL)	EA	2	$ 1,720.00	$ 3,440.00	$ 2,178.00	$ 4,356.00	$ 2,800.00	$ 5,600.00	$ 2,900.00	$ 5,800.00	$ 3,100.00	$ 6,200.00
1.7	8" x 6" Reducing Tee - C509 (MJ x MJ)	EA	7	$ 967.50	$ 6,772.50	$ 996.70	$ 6,976.90	$ 950.00	$ 6,650.00	$ 1,400.00	$ 9,800.00	$ 1,400.00	$ 9,800.00
1.8	8" x 4" Reducing Tee - C509 (MJ x MJ)	EA	1	$ 967.50	$ 967.50	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,300.00	$ 1,300.00	$ 1,400.00	$ 1,400.00
1.9	8" x 6" Hydrant Tee - C509 (MJ x Swivel)	EA	4	$ 967.50	$ 3,870.00	$ 1,055.50	$ 4,222.00	$ 1,500.00	$ 6,000.00	$ 1,400.00	$ 5,600.00	$ 1,450.00	$ 5,800.00
1.10	6" Gate Valve - C509 (MJ x MJ)	EA	6	$ 1,075.00	$ 6,450.00	$ 2,066.65	$ 12,399.90	$ 2,015.00	$ 12,090.00	$ 2,600.00	$ 15,600.00	$ 3,000.00	$ 18,000.00
1.11	6" Gate Valve - C509 (MJ x FL)	EA	1	$ 1,075.00	$ 1,075.00	$ 1,715.00	$ 1,715.00	$ 2,000.00	$ 2,000.00	$ 2,300.00	$ 2,300.00	$ 2,700.00	$ 2,700.00
1.12	4" Gate Valve - C509 (MJ x MJ)	EA	1	$ 1,075.00	$ 1,075.00	$ 1,646.20	$ 1,646.20	$ 1,850.00	$ 1,850.00	$ 2,200.00	$ 2,200.00	$ 2,600.00	$ 2,600.00
1.13	6" Class 350 Ductile Iron Water Main	LF	159	$ 75.25	$ 11,964.75	$ 125.79	$ 20,000.61	$ 110.00	$ 17,490.00	$ 94.00	$ 14,946.00	$ 130.00	$ 20,670.00
1.14	4" Class 350 Ductile Iron Water Main	LF	25	$ 64.50	$ 1,612.50	$ 200.00	$ 5,000.00	$ 165.00	$ 4,125.00	$ 120.00	$ 3,000.00	$ 135.00	$ 3,375.00
1.15	Fire Hydrant	EA	4	$ 4,300.00	$ 17,200.00	$ 3,830.00	$ 15,320.00	$ 7,000.00	$ 28,000.00	$ 6,600.00	$ 26,400.00	$ 7,000.00	$ 28,000.00
1.16	Tap Water Main for Main Connection	EA	3	$ 3,225.00	$ 9,675.00	$ 1,666.00	$ 4,998.00	$ 750.00	$ 2,250.00	$ 1,300.00	$ 3,900.00	$ 900.00	$ 2,700.00
1.17	Tap Water Main for Water Service	EA	7	$ 1,225.50	$ 8,578.50	$ 857.14	$ 5,999.98	$ 350.00	$ 2,450.00	$ 200.00	$ 1,400.00	$ 1,400.00	$ 9,800.00
1.18	Fittings for Water Service - Any Size	EA	7	$ 3,225.00	$ 22,575.00	$ 714.28	$ 4,999.96	$ 1,200.00	$ 8,400.00	$ 840.00	$ 5,880.00	$ 1,700.00	$ 11,900.00
1.19	Water Service Pipe - Any Size	LF	249	$ 32.25	$ 8,030.25	$ 104.42	$ 26,000.58	$ 72.00	$ 17,928.00	$ 61.00	$ 15,189.00	$ 60.00	$ 14,940.00
1.20	10" x 8" Tapping Sleeve	EA	2	$ 1,827.50	$ 3,655.00	$ 2,002.71	$ 4,005.42	$ 2,500.00	$ 5,000.00	$ 2,600.00	$ 5,200.00	$ 2,800.00	$ 5,600.00
1.21	6" x 6" Tapping Sleeve	EA	1	$ 1,279.25	$ 1,279.25	$ 1,039.50	$ 1,039.50	$ 1,500.00	$ 1,500.00	$ 1,300.00	$ 1,300.00	$ 1,700.00	$ 1,700.00
1.22	10" x 8" Concentric Reducer	EA	2	$ 1,612.50	$ 3,225.00	$ 699.60	$ 1,399.20	$ 1,275.00	$ 2,550.00	$ 1,600.00	$ 3,200.00	$ 1,700.00	$ 3,400.00
1.23	8" x 6" Concentric Reducer	EA	6	$ 1,505.00	$ 9,030.00	$ 285.92	$ 1,715.52	$ 800.00	$ 4,800.00	$ 1,100.00	$ 6,600.00	$ 1,200.00	$ 7,200.00
1.24	6" x 3" Concentric Reducer	EA	2	$ 1,075.00	$ 2,150.00	$ 271.51	$ 543.02	$ 700.00	$ 1,400.00	$ 1,100.00	$ 2,200.00	$ 1,200.00	$ 2,400.00
1.25	6" DIP 45-degree Bend (MJ x MJ)	EA	2	$ 806.25	$ 1,612.50	$ 245.44	$ 490.88	$ 675.00	$ 1,350.00	$ 1,000.00	$ 2,000.00	$ 1,200.00	$ 2,400.00
1.26	4" DIP 45-degree Bend (MJ x MJ)	EA	2	$ 215.00	$ 430.00	$ 175.95	$ 351.90	$ 550.00	$ 1,100.00	$ 940.00	$ 1,880.00	$ 1,100.00	$ 2,200.00
1.27	6" DIP 11.25-degree Bend (MJ x MJ)	EA	2	$ 860.00	$ 1,720.00	$ 1,343.50	$ 2,687.00	$ 800.00	$ 1,600.00	$ 2,400.00	$ 4,800.00	$ 1,200.00	$ 2,400.00
1.28	10" Mechanically Restrained Coupling	EA	2	$ 1,612.50	$ 3,225.00	$ 431.50	$ 863.00	$ 1,250.00	$ 2,500.00	$ 830.00	$ 1,660.00	$ 1,400.00	$ 2,800.00
1.29	6" Mechanically Restrained Coupling	EA	5	$ 1,128.75	$ 5,643.75	$ 597.00	$ 2,985.00	$ 1,150.00	$ 5,750.00	$ 1,000.00	$ 5,000.00	$ 1,600.00	$ 8,000.00
1.30	3" Mechanically Restrained Coupling	EA	2	$ 645.00	$ 1,290.00	$ 250.00	$ 500.00	$ 1,100.00	$ 2,200.00	$ 820.00	$ 1,640.00	$ 1,200.00	$ 2,400.00
1.31	2" Mechanically Restrained Coupling	EA	1	$ 537.50	$ 537.50	$ 500.00	$ 500.00	$ 560.00	$ 560.00	$ 480.00	$ 480.00	$ 1,100.00	$ 1,100.00
1.32	1" Manual Air Relief Assembly	EA	2	$ 5,375.00	$ 10,750.00	$ 2,500.00	$ 5,000.00	$ 1,675.00	$ 3,350.00	$ 2,200.00	$ 4,400.00	$ 2,250.00	$ 4,500.00
1.33	Miscellaneous Work	EA	15000	$ 1.00	$ 15,000.00	$ 1.00	$ 15,000.00	$ 1.00	$ 15,000.00	$ 1.00	$ 15,000.00	$ 1.00	$ 15,000.00
1.34	Permits and Fees	LS	1	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00	$ 5,920.00
1.35	Mobilization for Water Main	LS	1	$ 10,000.00	$ 10,000.00	$ 29,528.00	$ 29,528.00	$ 25,000.00	$ 25,000.00	$ 16,000.00	$ 16,000.00	$ 54,000.00	$ 54,000.00
1.36	Temporary Traffic Control	LS	1	$ 3,000.00	$ 3,000.00	$ 22,000.00	$ 22,000.00	$ 30,000.00	$ 30,000.00	$ 55,000.00	$ 55,000.00	$ 58,000.00	$ 58,000.00
1.37	Erosion Control & SWPPP Administration	LS	1	$ 5,000.00	$ 5,000.00	$ 6,000.00	$ 6,000.00	$ 20,000.00	$ 20,000.00	$ 4,400.00	$ 4,400.00	$ 5,000.00	$ 5,000.00
1.38	4" x 2" Tapped Cap (MJ)	EA	1	$ 1,000.00	$ 1,000.00	$ 750.00	$ 750.00	$ 550.00	$ 550.00	$ 640.00	$ 640.00	$ 1,100.00	$ 1,100.00

Bid Schedule No. 2 - Surface Infrastructure				Engineer's Estimate		Three Rivers Landworks		Western Excavating		Knife River - Missoula		Prospect Construction Inc.	
				$ 47,528.90		$ 66,312.85		$ 80,165.00		$ 82,265.00		$ 130,639.75	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
2.1	Sawcut and Remove Existing Paving	SY	930	$ 15.00	$ 13,950.00	$ 11.83	$ 11,001.90	$ 12.00	$ 11,160.00	$ 8.00	$ 7,440.00	$ 17.00	$ 15,810.00
2.2	Asphalt Patch - City Right-of-Way	SF	2500	$ 2.96	$ 7,400.00	$ 5.85	$ 14,635.00	$ 8.00	$ 20,000.00	$ 8.50	$ 21,250.00	$ 15.40	$ 38,500.00
2.3	Asphalt Patch - MDT Right-of-Way Type S	SF	700	$ 4.03	$ 2,821.00	$ 13.97	$ 9,779.00	$ 22.00	$ 15,400.00	$ 20.00	$ 14,000.00	$ 20.00	$ 14,000.00
2.4	Temporary Road Base Patch	SF	5285	$ 2.69	$ 14,216.65	$ 2.27	$ 11,996.95	$ 3.00	$ 15,855.00	$ 5.00	$ 26,425.00	$ 8.35	$ 44,129.75
2.5	Curb Replacement - Type "B"	LF	100	$ 21.50	$ 2,150.00	$ 35.00	$ 3,500.00	$ 45.00	$ 4,500.00	$ 48.00	$ 4,800.00	$ 39.00	$ 3,900.00
2.6	Curb Replacement - Type "L"	LF	100	$ 26.88	$ 2,688.00	$ 35.00	$ 3,500.00	$ 45.00	$ 4,500.00	$ 28.00	$ 2,800.00	$ 39.00	$ 3,900.00
2.7	Cove Gutter Replacement	LF	25	$ 32.25	$ 806.25	$ 60.00	$ 1,500.00	$ 90.00	$ 2,250.00	$ 27.00	$ 675.00	$ 130.00	$ 3,250.00
2.8	Install New Sidewalk Panels	SF	650	$ 5.38	$ 3,497.00	$ 16.00	$ 10,400.00	$ 10.00	$ 6,500.00	$ 7.50	$ 4,875.00	$ 11.00	$ 7,150.00

Bid Alternate 1 - Substitute Fusible C900 PVC Pipe				Engineer's Estimate		Three Rivers Landworks		Western Excavating		Knife River - Missoula		Prospect Construction Inc.	
				$ (8,600.00)		$ 6,723.50		$ 51,300.00		$ 7,400.00		$ 7,150.00	
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
BA.1	Add 8" C900 Fusible PVC Pipe	LF	150	$ 483.75	$ 72,562.50	$ 118.47	$ 17,770.50	$ 800.00	$ 120,000.00	$ 570.00	$ 85,500.00	$ 493.00	$ 73,950.00
BA.2	Add 8" Mech. Restrained Coupler	EA	2	$ 3,440.00	$ 6,880.00	$ 433.00	$ 866.00	$ 1,300.00	$ 2,600.00	$ 830.00	$ 1,660.00	$ 1,400.00	$ 2,800.00
BA.3	Add 8" x 8" Tapping Sleeve	EA	2	$ 1,343.75	$ 2,687.50	$ 1,500.00	$ 3,000.00	$ 2,000.00	$ 4,000.00	$ 1,900.00	$ 3,800.00	$ 2,600.00	$ 5,200.00
BA.4	Deduct 10" Mech. Restrained Coupler	EA	-2	$ 1,612.50	$ (3,225.00)	$ 431.50	$ (863.00)	$ 1,250.00	$ (2,500.00)	$ 830.00	$ (1,660.00)	$ 1,400.00	$ (2,800.00)
BA.5	Deduct 10" HDPE Water Main	LF	-150	$ 537.50	$ (80,625.00)	$ 57.64	$ (8,646.00)	$ 435.00	$ (65,250.00)	$ 490.00	$ (73,500.00)	$ 420.00	$ (63,000.00)
BA.6	Deduct 10" x 8" Tapping Sleeve	EA	-2	$ 1,827.50	$ (3,655.00)	$ 2,002.50	$ (4,005.00)	$ 2,500.00	$ (5,000.00)	$ 2,600.00	$ (5,200.00)	$ 2,800.00	$ (5,600.00)
BA.7	Deduct 10" x 8" Conc. Reducer (MJ x MJ)	EA	-2	$ 1,612.50	$ (3,225.00)	$ 699.50	$ (1,399.00)	$ 1,275.00	$ (2,550.00)	$ 1,600.00	$ (3,200.00)	$ 1,700.00	$ (3,400.00)

Bid Schedule 1 and 2 Total	$ 495,275.40	$ 498,802.22	$ 532,353.00	$ 572,700.00	$ 737,264.75
Bid Schedule 1 and 2, and Bid Alternate 1 Total	$ 486,675.40	$ 505,525.72	$ 583,653.00	$ 580,100.00	$ 744,414.75
Bid Alternate 1 Accepted?	N/A	NO	NO	NO	NO
Applied for Apprenticeship Bidder's Pereference Program?	N/A	YES	YES	YES	YES
Apprenticeship Bidder's Preference Amount	N/A	$ (24,940.11)	$ (26,617.65)	$ (28,635.00)	$ (36,863.24)
	Engineer's Estimate Total	Three Rivers Landworks Total	Western Excavating Total	Knife River - Missoula Total	Prospect Construction Inc. Total
BID TOTAL; APPRENTICESHIP BIDDER'S PREFERENCE APPLIED FOR EVALUATION	$ 495,275.40	$ 473,862.11	$ 505,735.35	$ 544,065.00	$ 700,401.51

I CERTIFY THAT THE ABOVE BIDS WERE RECEIVED SEALED AND WERE PUBLICLY OPENED AND READ ALOUD AT THE TIME AND PLACE INDICATED ON THE INVITATION TO BID, AND THAT THIS IS A TRUE AND CORRECT TABULATION OF ALL BIDS RECEIVED FOR THIS PROJECT. I RECOMMEND AWARD OF THE CONTRACT TO THE LOWEST RESPONSIBLE AND RESPONSIVE BIDDER AS SHOWN ABOVE, AND SUBJECT TO THE INSTRUCTIONS TO BIDDERS AND ANY APPLICABLE LAW.

Kody Swartz 1/17/22

MONTANA
KODY THOMAS SWARTZ
No. 39035 PE
LICENSED
PROFESSIONAL ENGINEER

STATE OF MONTANA)
) ss.
County of Missoula)

Signed and Sworn before me on this 17th day of January, 2022 by Kody Swartz.

Notary Public for the State of Montana

MATT HAMMERSTEIN NOTARIAL SEAL STATE OF MONTANA

MATT HAMMERSTEIN
NOTARY PUBLIC for the
State of Montana
Residing at Missoula, MT
My Commission Expires
December 7, 2024

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