

Lochhaven Area Water Main Replacement

Item No.	Description	Jones & Henry Engineers, Ltd. Addenda: Bids Received: 05/23/19		Vernon Nagel, Inc. O154 County Road 11C Napoleon, Ohio 43545 419-592-3861		Underground Utilities, Inc. 416 W. Monroe Street P.O. Box 428 Monroeville, Ohio 44847 419-465-2587		Salenbien Trucking and Excavating, Inc. 9217 Ann Arbor Rd Dundee, MI 48131 734-529-3823		Cash Services, LLC P.O. Box 206 Milbury, Ohio 43447 419-972-6061	
		Est. Quantity	Unit	Unit Pr.	Amount	Unit Pr.	Amount	Unit Pr.	Amount	Unit Pr.	Amount
1	Mobilization And Demobilization	1	LS	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00	\$3,675.00	\$3,675.00	\$80,000.00	\$80,000.00
2a	8-inch Water Line, DIP, Type B	1393	LF	\$66.00	\$91,938.00	\$104.00	\$144,872.00	\$122.96	\$171,283.28	\$90.00	\$125,370.00
2b	8-inch Water Line, DIP, Type C	2980	LF	\$60.00	\$178,800.00	\$99.00	\$295,020.00	\$55.86	\$166,462.80	\$83.00	\$247,340.00
2c	6-inch Connection to Existing Water Line Without Tapping	3	EA	\$200.00	\$600.00	\$2,000.00	\$6,000.00	\$1,785.00	\$5,355.00	\$2,687.00	\$8,061.00
2d	Water Line Plugged	13	EA	\$500.00	\$6,500.00	\$100.00	\$1,300.00	\$210.00	\$2,730.00	\$500.00	\$6,500.00
2e	Water Line Removed	35	LF	\$15.00	\$525.00	\$10.00	\$350.00	\$10.50	\$367.50	\$15.00	\$525.00
2f	Water Line Termination and Abandonment	4	EA	\$500.00	\$2,000.00	\$1,000.00	\$4,000.00	\$945.00	\$3,780.00	\$750.00	\$3,000.00
3a	8-inch Gate Valve and Valve Box	16	EA	\$2,500.00	\$40,000.00	\$1,800.00	\$28,800.00	\$1,645.35	\$26,325.60	\$1,650.00	\$26,400.00
3b	6-inch Gate Valve and Valve Box	1	EA	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,645.35	\$1,645.35	\$1,250.00	\$1,250.00
3c	6-inch Inserting Valve and Valve Box	4	EA	\$6,500.00	\$26,000.00	\$7,000.00	\$28,000.00	\$7,402.50	\$29,610.00	\$6,500.00	\$26,000.00
3d	8-inch by 12-inch Tapping Sleeve, Valve and Valve Box	1	EA	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00	\$4,095.00	\$4,095.00	\$7,000.00	\$7,000.00
3e	Valve Abandoned	9	EA	\$100.00	\$900.00	\$100.00	\$900.00	\$630.00	\$5,670.00	\$500.00	\$4,500.00
4a	Fire Hydrant Assembly, Type A	14	EA	\$6,500.00	\$91,000.00	\$4,000.00	\$56,000.00	\$5,637.45	\$78,924.30	\$5,250.00	\$73,500.00
4b	Fire Hydrant Assembly, Type B	2	EA	\$6,000.00	\$12,000.00	\$4,000.00	\$8,000.00	\$4,797.45	\$9,594.90	\$5,250.00	\$10,500.00
4c	Fire Hydrant Removed	10	EA	\$400.00	\$4,000.00	\$100.00	\$1,000.00	\$367.50	\$3,675.00	\$500.00	\$5,000.00
5a	Water Service (Less than 2-inch Diameter)	368	LF	\$100.00	\$36,800.00	\$50.00	\$18,400.00	\$67.20	\$24,729.60	\$25.00	\$9,200.00
5b	Water Service Connection Reinstated (Less than 2-inch Diameter)	99	EA	\$75.00	\$7,425.00	\$300.00	\$29,700.00	\$653.10	\$64,656.90	\$525.00	\$51,975.00
5c	Water Service, Trenchless Construction (less than 2-inch Diameter)	2973	LF	\$34.00	\$101,082.00	\$30.00	\$89,190.00	\$38.85	\$115,501.05	\$19.94	\$59,281.62
6a	Sewer Repair (Less than or equal to 10-inch diameter)	75	LF	\$20.00	\$1,500.00	\$25.00	\$1,875.00	\$52.50	\$3,937.50	\$20.00	\$1,500.00
6b	Sewer Repair (12-inch diameter and larger)	25	LF	\$30.00	\$750.00	\$30.00	\$750.00	\$78.75	\$1,968.75	\$25.00	\$625.00
7a	ODOT 202 Pavement and Base Removed (18-inch Max)	217	SY	\$20.00	\$4,340.00	\$2.00	\$434.00	\$10.50	\$2,278.50	\$28.00	\$6,076.00
7b	ODOT 202 Full Depth Sidewalk and Driveway Pavement Removed	1071	SY	\$16.00	\$17,136.00	\$1.00	\$1,071.00	\$10.50	\$11,245.50	\$10.00	\$10,710.00
7c	ODOT 304 Aggregate Base	248	CY	\$45.00	\$11,160.00	\$20.00	\$4,960.00	\$35.70	\$8,853.60	\$40.00	\$9,920.00
7d	ODOT 407 Tack Coat	42	GAL	\$5.00	\$210.00	\$5.00	\$210.00	\$5.25	\$220.50	\$6.00	\$252.00
7e	ODOT 301 Asphalt Concrete Base Course	31	CY	\$335.00	\$10,385.00	\$300.00	\$9,300.00	\$304.50	\$9,439.50	\$348.00	\$10,788.00
7f	ODOT 441 Intermediate Course (448)	12	CY	\$338.00	\$4,056.00	\$310.00	\$3,720.00	\$308.70	\$3,704.40	\$352.80	\$4,233.60
7g	ODOT 441 Surface Course (448)	10	CY	\$352.00	\$3,520.00	\$320.00	\$3,200.00	\$323.40	\$3,234.00	\$369.60	\$3,696.00
7h	ODOT 204 Subgrade Compaction	1278	SY	\$0.25	\$319.50	\$0.50	\$639.00	\$9.45	\$12,077.10	\$1.25	\$1,597.50
7i	Temporary Pavement Repair	217	SY	\$40.00	\$8,680.00	\$5.00	\$1,085.00	\$22.05	\$4,784.85	\$10.00	\$2,170.00
7j	ODOT 254 Pavement Planing	452	SY	\$8.00	\$3,616.00	\$8.20	\$3,706.40	\$8.61	\$3,891.72	\$9.84	\$4,447.68
7k	ODOT 441 Surface Course (448) - Detroit Avenue Resurfacing	19	CY	\$365.00	\$6,935.00	\$308.00	\$5,852.00	\$323.40	\$6,144.60	\$369.60	\$7,022.40
7l	ODOT 411 Gravel Parking Area Repair	15	CY	\$10.00	\$150.00	\$10.00	\$150.00	\$21.00	\$315.00	\$85.00	\$1,275.00
8a	Curb Removed	251	LF	\$3.00	\$753.00	\$1.00	\$251.00	\$1.58	\$396.58	\$4.75	\$1,192.25
8b	Concrete Curb, Type 6 & Type 2	251	LF	\$45.00	\$11,295.00	\$10.00	\$2,510.00	\$33.60	\$8,433.60	\$33.60	\$8,433.60
9a	ODOT 452 6-inch Non-Reinforced Concrete Pavement, Class MS (Approach)	1044	SY	\$75.00	\$78,300.00	\$55.00	\$57,420.00	\$68.25	\$71,253.00	\$57.00	\$59,508.00
9b	ODOT 452 Non-Reinforced Concrete Pavement, Class MS (Water Line Trench Repair) - 10" Min	18	SY	\$110.00	\$1,980.00	\$125.00	\$2,250.00	\$105.00	\$1,890.00	\$100.00	\$1,800.00
9c	6-inch Concrete Walk and Curb Ramp with Detectable Warning Surface	46	SF	\$20.00	\$920.00	\$15.00	\$690.00	\$52.50	\$2,415.00	\$14.40	\$662.40
10	Audio-Video Record of the Zone of Influence	1	LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,050.00	\$1,050.00	\$1,200.00	\$1,200.00
11	Maintaining Traffic	1	LS	\$8,500.00	\$8,500.00	\$1,000.00	\$1,000.00	\$6,300.00	\$6,300.00	\$30,000.00	\$30,000.00
12	Storm Water Pollution Prevention	1	LS	\$3,500.00	\$3,500.00	\$100.00	\$100.00	\$3,150.00	\$3,150.00	\$2,500.00	\$2,500.00
13	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$13,650.00	\$13,650.00	\$30,000.00	\$30,000.00
	Total Estimated Construction Cost				\$814,075.50		\$869,205.40		\$898,714.98		\$945,012.05

*Corrected Totals

Lochhaven Area Water Main Replacement

Item No.	Description	Jones & Henry Engineers, Ltd.		Crestline Paving & Excavating Co., Inc.		Hank's Plumbing & Heating Company	
		Quantity	Unit	Unit Pr.	Amount	Unit Pr.	Amount
		Addenda: 2		1913 Nebraska Ave.		2000 The Bluffs	
		Bids Received: 05/23/19		Toledo, Ohio 43607		Toledo, Ohio 43615	
		Est.		419-536-8229		419-843-2222	
1	Mobilization And Demobilization	1	LS	\$21,000.00	\$21,000.00	\$32,500.00	\$32,500.00
2a	8-inch Water Line, DIP, Type B	1393	LF	\$96.00	\$133,728.00	\$97.00	\$135,121.00
2b	8-inch Water Line, DIP, Type C	2980	LF	\$77.00	\$229,460.00	\$84.00	\$250,320.00
2c	8-inch Connection to Existing Water Line Without Tapping	3	EA	\$2,700.00	\$8,100.00	\$2,200.00	\$6,600.00
2d	Water Line Plugged	13	EA	\$500.00	\$6,500.00	\$700.00	\$9,100.00
2e	Water Line Removed	35	LF	\$80.00	\$2,800.00	\$25.00	\$875.00
2f	Water Line Termination and Abandonment	4	EA	\$1,650.00	\$6,600.00	\$1,500.00	\$6,000.00
3a	8-inch Gate Valve and Valve Box	16	EA	\$1,750.00	\$28,000.00	\$1,800.00	\$28,800.00
3b	6-inch Gate Valve and Valve Box	1	EA	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00
3c	6-inch Inserting Valve and Valve Box	4	EA	\$6,650.00	\$26,600.00	\$10,900.00	\$43,600.00
3d	8-inch by 12-inch Tapping Sleeve, Valve and Valve Box	1	EA	\$5,000.00	\$5,000.00	\$10,500.00	\$10,500.00
3e	Valve Abandoned	9	EA	\$400.00	\$3,600.00	\$500.00	\$4,500.00
4a	Fire Hydrant Assembly, Type A	14	EA	\$4,650.00	\$65,100.00	\$5,800.00	\$81,200.00
4b	Fire Hydrant Assembly, Type B	2	EA	\$4,700.00	\$9,400.00	\$5,500.00	\$11,000.00
4c	Fire Hydrant Removed	10	EA	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00
5a	Water Service (Less than 2-inch Diameter)	368	LF	\$95.00	\$34,960.00	\$19.50	\$7,176.00
5b	Water Service Connection Reinstated (Less than 2-inch Diameter)	99	EA	\$850.00	\$84,150.00	\$1,100.00	\$108,900.00
5c	Water Service, Trenchless Construction (less than 2-inch Diameter)	2973	LF	\$50.00	\$148,650.00	\$20.00	\$59,460.00
6a	Sewer Repair (Less than or equal to 10-inch diameter)	75	LF	\$40.00	\$3,000.00	\$75.00	\$5,625.00
6b	Sewer Repair (12-inch diameter and larger)	25	LF	\$50.00	\$1,250.00	\$100.00	\$2,500.00
7a	ODOT 202 Pavement and Base Removed (18-inch Max)	217	SY	\$19.00	\$4,123.00	\$25.00	\$5,425.00
7b	ODOT 202 Full Depth Sidewalk and Driveway Pavement Removed	1071	SY	\$17.00	\$18,207.00	\$18.00	\$19,278.00
7c	ODOT 304 Aggregate Base	248	CY	\$48.00	\$11,904.00	\$40.00	\$9,920.00
7d	ODOT 407 Tack Coat	42	GAL	\$5.00	\$210.00	\$5.50	\$231.00
7e	ODOT 301 Asphalt Concrete Base Course	31	CY	\$385.00	\$11,935.00	\$448.00	\$13,888.00
7f	ODOT 441 Intermediate Course (448)	12	CY	\$420.00	\$5,040.00	\$512.00	\$6,144.00
7g	ODOT 441 Surface Course (448)	10	CY	\$440.00	\$4,400.00	\$546.00	\$5,460.00
7h	ODOT 204 Subgrade Compaction	1278	SY	\$1.75	\$2,236.50	\$0.50	\$639.00
7i	Temporary Pavement Repair	217	SY	\$30.00	\$6,510.00	\$20.00	\$4,340.00
7j	ODOT 254 Pavement Planing	452	SY	\$8.00	\$3,616.00	\$9.00	\$4,068.00
7k	ODOT 441 Surface Course (448) - Detroit Avenue Resurfacing	19	CY	\$300.00	\$5,700.00	\$360.00	\$6,840.00
7l	ODOT 411 Gravel Parking Area Repair	15	CY	\$60.00	\$900.00	\$100.00	\$1,500.00
8a	Curb Removed	251	LF	\$10.00	\$2,510.00	\$5.00	\$1,255.00
8b	Concrete Curb, Type 6 & Type 2	251	LF	\$30.00	\$7,530.00	\$60.00	\$15,060.00
9a	ODOT 452 6-inch Non-Reinforced Concrete Pavement, Class MS (Approach)	1044	SY	\$50.00	\$52,200.00	\$65.00	\$67,860.00
9b	ODOT 452 Non-Reinforced Concrete Pavement, Class MS (Water Line Trench Repair) - 10" Min	18	SY	\$200.00	\$3,600.00	\$200.00	\$3,600.00
9c	6-inch Concrete Walk and Curb Ramp with Detectable Warning Surface	46	SF	\$17.00	\$782.00	\$60.00	\$2,760.00
10	Audio-Video Record of the Zone of Influence	1	LS	\$700.00	\$700.00	\$1,000.00	\$1,000.00
11	Maintaining Traffic	1	LS	\$10,686.00	\$10,686.00	\$10,000.00	\$10,000.00
12	Storm Water Pollution Prevention	1	LS	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
13	Clearing and Grubbing	1	LS	\$8,000.00	\$8,000.00	\$6,000.00	\$6,000.00
	Total Estimated Construction Cost				\$988,587.50		\$1,005,545.00