

Bid Tabulation, City of Hudson, Ohio
Hudson Drive Waterline Improvement Project (re-bid)
Bid Opening: Tuesday, June 4, 2019 @ 10:00 a.m.

		ENGINEERS ESTIMATE		X-Press Underground PO Box 345, Petersburg, OH 44454 (330) 542-1175			
Item and Description	Quantity	Unit Cost	Total	Material	Labor	Unit Cost	Total
General							
1 - 201 - Clearing and Grubbing including Tree Trimming - LS	1.00	\$15,000.00	\$15,000.00	\$2,000.00	\$8,000.00	\$10,000.00	\$10,000.00
2 - 614 - Maintenance of Traffic - LS	1.00	\$10,000.00	\$10,000.00	\$1,000.00	\$2,500.00	\$3,500.00	\$3,500.00
3 - 623 - Construction Layout Staking - LS	1.00	\$5,000.00	\$5,000.00	\$300.00	\$3,500.00	\$3,800.00	\$3,800.00
4 - 624 - Mobilization - LS	1.00	\$15,000.00	\$15,000.00	\$20,000.00	\$22,000.00	\$42,000.00	\$42,000.00
5 - 638 - Utility Location Excavation, As Directed - EA	12.00	\$200.00	\$2,400.00	\$200.00	\$200.00	\$400.00	\$4,800.00
6 - 832 - Sedimentation and Erosion Controls - LS	1.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,300.00	\$4,500.00	\$4,500.00
7 - SPCL - Preconstruction Video - LS	1.00	\$1,500.00	\$1,500.00	\$100.00	\$700.00	\$800.00	\$800.00
8 - SPCL - Record Drawings and As Built Surveys - LS	1.00	\$3,000.00	\$3,000.00	\$300.00	\$900.00	\$1,200.00	\$1,200.00
Pavement and Misc. Roadway							
9 - 606 - Guard Rail Remove and Replace, Complete, As Directed - LF	50.00	\$130.00	\$6,500.00	\$10.00	\$20.00	\$30.00	\$1,500.00
10 - 304 - 304 Limestone Aggregate Base (4" Thick) - CY	7.00	\$160.00	\$1,120.00	\$48.00	\$50.00	\$98.00	\$686.00
11 - 451 - Type MS Concrete Pavement (7" Thick) - CY	12.00	\$525.00	\$6,300.00	\$175.00	\$175.00	\$350.00	\$4,200.00
12 - 400 - Asphalt Surface Course, Type 1 (3" Thick) - CY	6.00	\$815.00	\$4,890.00	\$200.00	\$400.00	\$600.00	\$3,600.00
13 - SPCL - Remove & Replace Traffic Signage - EA	3.00	\$160.00	\$480.00	\$50.00	\$50.00	\$100.00	\$300.00
14 - SPCL - Metro Parks Asphalt Parking Repairs, As Directed - SY	45.00	\$210.00	\$9,450.00	\$40.00	\$25.00	\$65.00	\$2,925.00
15 - SPCL - Remove and Replace Existing Driveway w/ 6" Thick Type MS Concrete, As Directed - SF	150.00	\$12.00	\$1,800.00	\$32.00	\$24.00	\$56.00	\$8,400.00
Water Distribution System							
16 - SPCL - 12" Certa-Lok PVC (DR-14) WM Installed by HDD - EA	3,110.00	\$160.00	\$497,600.00	\$45.00	\$60.00	\$105.00	\$326,550.00
17 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete -	12.00	\$3,675.00	\$44,100.00	\$1,750.00	\$1,000.00	\$2,750.00	\$33,000.00
18 - 638 - 6" Fire Hydrant Assembly, Complete - EA	4.00	\$6,825.00	\$27,300.00	\$3,300.00	\$3,300.00	\$6,600.00	\$26,400.00
19 - 638 - 18" Casing Pipe Bored, Complete - LF	40.00	\$735.00	\$29,400.00	\$200.00	\$400.00	\$600.00	\$24,000.00
20 - 638 - 12" x 12" Hot Tap & Valve - EA	1.00	\$8,400.00	\$8,400.00	\$5,000.00	\$3,800.00	\$8,800.00	\$8,800.00
21 - 638 - 12" x 12" Tee - EA	2.00	\$1,575.00	\$3,150.00	\$800.00	\$800.00	\$1,600.00	\$3,200.00
22 - 638 - 12" Bend 45 Degree Bend, As Directed - EA	3.00	\$1,575.00	\$4,725.00	\$500.00	\$300.00	\$800.00	\$2,400.00
23 - 638 - 12" Bend 22.5 Degree Bend, As Directed - EA	1.00	\$1,575.00	\$1,575.00	\$500.00	\$300.00	\$800.00	\$800.00
24 - 638 - 12" Bend 11.25 Degree Bend, As Directed - EA	1.00	\$1,575.00	\$1,575.00	\$500.00	\$300.00	\$800.00	\$800.00
25 - 638 - 12" Cap w/ Bleeder - EA	1.00	\$1,575.00	\$1,575.00	\$400.00	\$500.00	\$900.00	\$900.00
26 - 638 - 12" Blow off assembly - EA	1.00	\$1,575.00	\$1,575.00	\$2,500.00	\$750.00	\$3,250.00	\$3,250.00
27 - SPCL - Fiberglass Waterline Marker, As Directed - EA	4.00	\$160.00	\$640.00	\$50.00	\$50.00	\$100.00	\$400.00
28 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach,Including	100.00	\$115.00	\$11,500.00	\$26.00	\$42.00	\$68.00	\$6,800.00
Bid Total			\$720,555.00	\$529,511.00			

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Item and Description	Quantity	Material	Labor	Unit Cost	Total	Material	Labor	Unit Cost	Total
General									
1 - 201 - Clearing and Grubbing including Tree Trimming - LS	1.00	\$9,000.00	\$10,000.00	\$19,000.00	\$19,000.00	\$0.00	\$60,000.00	\$60,000.00	\$60,000.00
2 - 614 - Maintenance of Traffic - LS	1.00	\$7,860.50	\$7,860.50	\$15,721.00	\$15,721.00	\$0.00	\$42,000.00	\$42,000.00	\$42,000.00
3 - 623 - Construction Layout Staking - LS	1.00	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00	\$0.00	\$7,300.00	\$7,300.00	\$7,300.00
4 - 624 - Mobilization - LS	1.00	\$7,500.00	\$7,000.00	\$14,500.00	\$14,500.00	\$15,000.00	\$110,000.00	\$125,000.00	\$125,000.00
5 - 638 - Utility Location Excavation, As Directed - EA	12.00	\$50.00	\$50.00	\$100.00	\$1,200.00	\$0.00	\$500.00	\$500.00	\$6,000.00
6 - 832 - Sedimentation and Erosion Controls - LS	1.00	\$2,000.00	\$2,500.00	\$4,500.00	\$4,500.00	\$3,000.00	\$9,000.00	\$12,000.00	\$12,000.00
7 - SPCL - Preconstruction Video - LS	1.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$0.00	\$975.00	\$975.00	\$975.00
8 - SPCL - Record Drawings and As Built Surveys - LS	1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$0.00	\$3,400.00	\$3,400.00	\$3,400.00
Pavement and Misc. Roadway									
9 - 606 - Guard Rail Remove and Replace, Complete, As Directed - LF	50.00	\$25.00	\$30.00	\$55.00	\$2,750.00	\$0.00	\$110.00	\$110.00	\$5,500.00
10 - 304 - 304 Limestone Aggregate Base (4" Thick) - CY	7.00	\$25.00	\$25.00	\$50.00	\$350.00	\$50.00	\$30.00	\$80.00	\$560.00
11 - 451 - Type MS Concrete Pavement (7" Thick) - CY	12.00	\$150.00	\$150.00	\$300.00	\$3,600.00	\$215.00	\$165.00	\$380.00	\$4,560.00
12 - 400 - Asphalt Surface Course, Type 1 (3" Thick) - CY	6.00	\$150.00	\$150.00	\$300.00	\$1,800.00	\$147.00	\$328.00	\$475.00	\$2,850.00
13 - SPCL - Remove & Replace Traffic Signage - EA	3.00	\$100.00	\$100.00	\$200.00	\$600.00	\$0.00	\$250.00	\$250.00	\$750.00
14 - SPCL - Metro Parks Asphalt Parking Repairs, As Directed - SY	45.00	\$50.00	\$50.00	\$100.00	\$4,500.00	\$3.00	\$93.00	\$96.00	\$4,320.00
15 - SPCL - Remove and Replace Existing Driveway w/ 6" Thick Type MS Concrete, As Directed - SF	150.00	\$6.00	\$6.00	\$12.00	\$1,800.00	\$6.00	\$9.00	\$15.00	\$2,250.00
Water Distribution System									
16 - SPCL - 12" Certa-Lok PVC (DR-14) WM Installed by HDD - EA	3,110.00	\$69.00	\$69.00	\$138.00	\$429,180.00	\$60.00	\$90.00	\$150.00	\$466,500.00
17 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete -	12.00	\$1,500.00	\$1,500.00	\$3,000.00	\$36,000.00	\$1,900.00	\$500.00	\$2,400.00	\$28,800.00
18 - 638 - 6" Fire Hydrant Assembly, Complete - EA	4.00	\$3,000.00	\$2,500.00	\$5,500.00	\$22,000.00	\$4,200.00	\$1,400.00	\$5,600.00	\$22,400.00
19 - 638 - 18" Casing Pipe Bored, Complete - LF	40.00	\$150.00	\$150.00	\$300.00	\$12,000.00	\$74.00	\$626.00	\$700.00	\$28,000.00
20 - 638 - 12" x 12" Hot Tap & Valve - EA	1.00	\$1,750.00	\$1,750.00	\$3,500.00	\$3,500.00	\$5,700.00	\$6,300.00	\$12,000.00	\$12,000.00
21 - 638 - 12" x 12" Tee - EA	2.00	\$450.00	\$450.00	\$900.00	\$1,800.00	\$915.00	\$585.00	\$1,500.00	\$3,000.00
22 - 638 - 12" Bend 45 Degree Bend, As Directed - EA	3.00	\$200.00	\$325.00	\$525.00	\$1,575.00	\$622.00	\$578.00	\$1,200.00	\$3,600.00
23 - 638 - 12" Bend 22.5 Degree Bend, As Directed - EA	1.00	\$250.00	\$250.00	\$500.00	\$500.00	\$580.00	\$620.00	\$1,200.00	\$1,200.00
24 - 638 - 12" Bend 11.25 Degree Bend, As Directed - EA	1.00	\$125.00	\$125.00	\$250.00	\$250.00	\$600.00	\$550.00	\$1,150.00	\$1,150.00
25 - 638 - 12" Cap w/ Bleeder - EA	1.00	\$50.00	\$50.00	\$100.00	\$100.00	\$1,200.00	\$700.00	\$1,900.00	\$1,900.00
26 - 638 - 12" Blow off assembly - EA	1.00	\$800.00	\$800.00	\$1,600.00	\$1,600.00	\$2,000.00	\$800.00	\$2,800.00	\$2,800.00
27 - SPCL - Fiberglass Waterline Marker, As Directed - EA	4.00	\$50.00	\$50.00	\$100.00	\$400.00	\$31.00	\$51.00	\$82.00	\$328.00
28 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach,Including	100.00	\$45.00	\$45.00	\$90.00	\$9,000.00	\$60.00	\$173.00	\$233.00	\$23,300.00
Bid Total		\$603,226.00				\$872,443.00			

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Item and Description	Quantity	Unit Cost	Total	Material	Labor	Unit Cost	Total
Bid Alternate 1							
29 - SPCL - 12" Certa-Lok (DR-14) WM installed by HDD - LF	639.00	160.00	\$102,240.00	\$45.00	\$90.00	\$135.00	\$86,265.00
30 - 638 - 6" Fire Hydrant Assembly, Complete - EA	2.00	6,825.00	\$13,650.00	\$3,300.00	\$3,300.00	\$6,600.00	\$13,200.00
31 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete - EA	2.00	3,675.00	\$7,350.00	\$2,000.00	\$1,000.00	\$3,000.00	\$6,000.00
32 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach, Including Headwall, Complete - LF	40.00	115.00	\$4,600.00	\$58.00	\$100.00	\$158.00	\$6,320.00
Alternate 1 Total			\$127,840.00				\$111,785.00
Bid Alternate 2							
33 - 304 - 304 Limestone Aggregate Base (4" Thick) - CY	4.00	160.00	\$640.00	\$56.00	\$30.00	\$86.00	\$344.00
34 - 451 - Type MS Concrete Pavement (7" Thick) - CY	6.00	525.00	\$3,150.00	\$250.00	\$150.00	\$400.00	\$2,400.00
35 - 400 - Asphalt Surface Course, Type 1 (3" Thick) - CY	4.00	815.00	\$3,260.00	\$220.00	\$320.00	\$540.00	\$2,160.00
36 - SPCL - 12" Certa-Lok (DR-14) WM installed by HDD - LF	759.00	160.00	\$121,440.00	\$45.00	\$90.00	\$135.00	\$102,465.00
37 - 638 - 6" Fire Hydrant Assembly, Complete - EA	2.00	6,825.00	\$13,650.00	\$3,300.00	\$3,300.00	\$6,600.00	\$13,200.00
38 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete - EA	1.00	3,675.00	\$3,675.00	\$2,000.00	\$1,000.00	\$3,000.00	\$3,000.00
39 - 638 - 12" Bend 22.5 Degree Bend, As Directed - EA	1.00	1,575.00	\$1,575.00	\$500.00	\$300.00	\$800.00	\$800.00
40 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach, Including Headwall, Complete - LF	20.00	115.00	\$2,300.00	\$50.00	\$110.00	\$160.00	\$3,200.00
41 - SPCL - 1-1/2" Copper Service, Complete - LS	1.00	10,500.00	\$10,500.00	\$1,450.00	\$2,000.00	\$3,450.00	\$3,450.00
Alternate 2 Total			\$160,190.00				\$131,019.00

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Item and Description	Quantity	Material	Labor	Unit Cost	Total	Material	Labor	Unit Cost	Total
Bid Alternate 1									
29 - SPCL - 12" Certa-Lok (DR-14) WM installed by HDD - LF	639.00	\$69.00	\$69.00	\$138.00	\$88,182.00	\$60.00	\$90.00	\$150.00	\$95,850.00
30 - 638 - 6" Fire Hydrant Assembly, Complete - EA	2.00	\$2,500.00	\$3,000.00	\$5,500.00	\$11,000.00	\$4,200.00	\$1,400.00	\$5,600.00	\$11,200.00
31 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete - EA	2.00	\$1,500.00	\$1,500.00	\$3,000.00	\$6,000.00	\$1,900.00	\$500.00	\$2,400.00	\$4,800.00
32 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach, Including Headwall, Complete - LF	40.00	\$50.00	\$50.00	\$100.00	\$4,000.00	\$58.00	\$682.00	\$740.00	\$29,600.00
Alternate 1 Total		\$109,182.00				\$141,450.00			
Bid Alternate 2									
33 - 304 - 304 Limestone Aggregate Base (4" Thick) - CY	4.00	\$25.00	\$25.00	\$50.00	\$200.00	\$48.00	\$36.00	\$84.00	\$336.00
34 - 451 - Type MS Concrete Pavement (7" Thick) - CY	6.00	\$150.00	\$150.00	\$300.00	\$1,800.00	\$222.00	\$483.00	\$705.00	\$4,230.00
35 - 400 - Asphalt Surface Course, Type 1 (3" Thick) - CY	4.00	\$150.00	\$150.00	\$300.00	\$1,200.00	\$250.00	\$300.00	\$550.00	\$2,200.00
36 - SPCL - 12" Certa-Lok (DR-14) WM installed by HDD - LF	759.00	\$69.00	\$69.00	\$138.00	\$104,742.00	\$61.00	\$99.00	\$160.00	\$121,440.00
37 - 638 - 6" Fire Hydrant Assembly, Complete - EA	2.00	\$2,500.00	\$3,000.00	\$5,500.00	\$11,000.00	\$4,200.00	\$1,400.00	\$5,600.00	\$11,200.00
38 - 638 - 12" Resilient Seat Gate Valve & Box Assembly, Complete - EA	1.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$1,900.00	\$500.00	\$2,400.00	\$2,400.00
39 - 638 - 12" Bend 22.5 Degree Bend, As Directed - EA	1.00	\$125.00	\$125.00	\$250.00	\$250.00	\$600.00	\$600.00	\$1,200.00	\$1,200.00
40 - 603 - 15" PVC SDR 35 Culvert and Earthen Approach, Including Headwall, Complete - LF	20.00	\$45.00	\$45.00	\$90.00	\$1,800.00	\$63.00	\$187.00	\$250.00	\$5,000.00
41 - SPCL - 1-1/2" Copper Service, Complete - LS	1.00	\$1,750.00	\$1,750.00	\$3,500.00	\$3,500.00	\$1,226.00	\$2,274.00	\$3,500.00	\$3,500.00
Alternate 2 Total		\$127,492.00				\$151,506.00			