

Bid Summary
River Bend Lift Station Elimination Project

Bid Opening: February 6, 2020

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		Oldcastle SW Group, United Companies		K&D Construction, Inc.		M.A. Concrete Construction, Inc.		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
1	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and manholes) (Max-Adaptor couplings or an Engineer Approved Equal shall be used for connecting into existing sewer pipe)	965.	Lin. Ft.	\$ 58.00	\$ 55,970.00	\$ 61.00	\$ 58,865.00	\$ 97.80	\$ 94,377.00	\$ 85.00	\$ 82,025.00	\$ 61.00	\$ 97.80	\$ 85.00	\$ 81.27
2	108.2	10" Gravity Sewer Pipe (SDR-26 PVC) (Includes cost of connection to the existing sewer pipe and manholes) (Max-Adaptor couplings or an Engineer Approved Equal shall be used for connecting into existing sewer pipe)	870.	Lin. Ft.	\$ 70.00	\$ 60,900.00	\$ 80.50	\$ 70,035.00	\$ 140.95	\$ 122,626.50	\$ 110.00	\$ 95,700.00	\$ 80.50	\$ 140.95	\$ 110.00	\$ 110.48
3	108.2	Imported Trench Backfill (Class 3) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/ft3)	3,000.	Ton	\$ 22.00	\$ 66,000.00	\$ 14.20	\$ 42,600.00	\$ 16.95	\$ 50,850.00	\$ 25.00	\$ 75,000.00	\$ 14.20	\$ 25.00	\$ 16.95	\$ 18.72
4	108.3	8" 1/4 Bend Long Elbow (90-degree) (GxG)	4.	Each	\$ 220.00	\$ 880.00	\$ 220.00	\$ 880.00	\$ 179.60	\$ 718.40	\$ 250.00	\$ 1,000.00	\$ 179.60	\$ 250.00	\$ 220.00	\$ 216.53
5	108.3	8" x 8" Combo Wye & 1/8 Bend Fitting (Full Body Wye) (GxGxG) (Includes 1/8 Bend Elbow)	2.	Each	\$ 285.00	\$ 570.00	\$ 300.00	\$ 600.00	\$ 265.75	\$ 531.50	\$ 500.00	\$ 1,000.00	\$ 265.75	\$ 500.00	\$ 300.00	\$ 355.25
6	108.3	10" x 8" Combo Wye & 1/8 Fitting (Full Body Wye) (GxGxG) (Includes 1/8 Bend Elbow)	4.	Each	\$ 335.00	\$ 1,340.00	\$ 530.00	\$ 2,120.00	\$ 454.55	\$ 1,818.20	\$ 800.00	\$ 3,200.00	\$ 454.55	\$ 800.00	\$ 530.00	\$ 594.85
7	108.3	8" Cap (PVC) (Gasketed) (Includes 4-ft long 4x4 wood post) (To be used on "deep" sewer pipe drop manhole pipe)	8.	Each	\$ 130.00	\$ 1,040.00	\$ 75.00	\$ 600.00	\$ 135.40	\$ 1,083.20	\$ 150.00	\$ 1,200.00	\$ 75.00	\$ 150.00	\$ 135.40	\$ 120.13
8	108.3	8" End Cap/Plug (Includes 4-ft long 4x4 wood post) (To be used on "shallow" sewer pipe stubouts)	13.	Each	\$ 112.00	\$ 1,456.00	\$ 150.00	\$ 1,950.00	\$ 127.50	\$ 1,657.50	\$ 100.00	\$ 1,300.00	\$ 100.00	\$ 150.00	\$ 127.50	\$ 125.83
9	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, grade rings, and MH-310-24 CI covers)	6.	Each	\$ 4,450.00	\$ 26,700.00	\$ 5,050.00	\$ 30,300.00	\$ 4,610.00	\$ 27,660.00	\$ 6,900.00	\$ 41,400.00	\$ 4,610.00	\$ 6,900.00	\$ 5,050.00	\$ 5,520.00
10	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing, grade rings, and MH-310-24 CI covers)	6.	Each	\$ 4,650.00	\$ 27,900.00	\$ 6,200.00	\$ 37,200.00	\$ 5,911.40	\$ 35,468.40	\$ 8,650.00	\$ 51,900.00	\$ 5,911.40	\$ 8,650.00	\$ 6,200.00	\$ 6,920.47
11	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	36.	Vert. Ft.	\$ 180.00	\$ 6,480.00	\$ 115.00	\$ 4,140.00	\$ 553.00	\$ 19,908.00	\$ 250.00	\$ 9,000.00	\$ 115.00	\$ 553.00	\$ 250.00	\$ 306.00
12	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	77.	Vert. Ft.	\$ 200.00	\$ 15,400.00	\$ 192.00	\$ 14,784.00	\$ 491.90	\$ 37,876.30	\$ 260.00	\$ 20,020.00	\$ 192.00	\$ 491.90	\$ 260.00	\$ 314.63

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13	108.5	Connect to Existing Manhole (8" pipe) (This connection requires coring into the existing sewer manhole (C4-311-037) to accommodate the new 8" PVC "shallow" sewer pipe)	1.	Each	\$ 1,200.00	\$ 1,200.00	\$ 1,600.00	\$ 1,600.00	\$ 6,417.90	\$ 6,417.90	\$ 2,940.00	\$ 2,940.00	\$ 1,600.00	\$ 6,417.90	\$ 2,940.00	\$ 3,652.63
14	108.5	Connect to Existing Manhole (10" pipe) (This connection may require coring the existing sewer manhole (C4-311-037) to accommodate the new 10" PVC "deep" sewer pipe)	1.	Each	\$ 1,600.00	\$ 1,600.00	\$ 1,720.00	\$ 1,720.00	\$ 9,971.45	\$ 9,971.45	\$ 2,985.00	\$ 2,985.00	\$ 1,720.00	\$ 9,971.45	\$ 2,985.00	\$ 4,892.15
15	108.7	Granular Stabilization Material (Type B) (Crushed Rock) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/ft3)	300.	Ton	\$ 22.00	\$ 6,600.00	\$ 27.50	\$ 8,250.00	\$ 34.60	\$ 10,380.00	\$ 40.00	\$ 12,000.00	\$ 27.50	\$ 40.00	\$ 34.60	\$ 34.03
16	201	Clearing and Grubbing (Includes trees, bushes, and grasses)	1.	Lump Sum	\$ 2,550.00	\$ 2,550.00	\$ 2,000.00	\$ 2,000.00	\$ 14,547.50	\$ 14,547.50	\$ 12,180.00	\$ 12,180.00	\$ 2,000.00	\$ 14,547.50	\$ 12,180.00	\$ 9,575.83
17	202	Removal of Existing Pipe (Size & type as shown on plans)	870.	Lin. Ft.	\$ 3.00	\$ 2,610.00	\$ 3.25	\$ 2,827.50	\$ 8.40	\$ 7,308.00	\$ 15.00	\$ 13,050.00	\$ 3.25	\$ 15.00	\$ 8.40	\$ 8.88
18	202	Removal of Asphalt Mat (Full Depth)	56.	Sq. Yd.	\$ 5.00	\$ 280.00	\$ 8.50	\$ 476.00	\$ 46.55	\$ 2,606.80	\$ 14.00	\$ 784.00	\$ 8.50	\$ 46.55	\$ 14.00	\$ 23.02
19	202	Removal of Manhole	6.	Each	\$ 655.00	\$ 3,930.00	\$ 950.00	\$ 5,700.00	\$ 1,201.75	\$ 7,210.50	\$ 1,350.00	\$ 8,100.00	\$ 950.00	\$ 1,350.00	\$ 1,201.75	\$ 1,167.25
20	202	Removal of Concrete Wet Well (6-ft dia., Approx. 12-ft deep)	1.	Lump Sum	\$ 1,200.00	\$ 1,200.00	\$ 3,600.00	\$ 3,600.00	\$ 5,720.00	\$ 5,720.00	\$ 2,880.00	\$ 2,880.00	\$ 2,880.00	\$ 5,720.00	\$ 3,600.00	\$ 4,066.67
21	202	Removal of Groundwater Well Point	1.	Each	\$ 500.00	\$ 500.00	\$ 1,100.00	\$ 1,100.00	\$ 1,980.00	\$ 1,980.00	\$ 1,500.00	\$ 1,500.00	\$ 1,100.00	\$ 1,980.00	\$ 1,500.00	\$ 1,526.67
22	202	Remove Existing Shed and Concrete Slab (Concrete thickness unknown) (Includes all equipment, tooling, and labor to remove the shed and concrete slab)	1.	Lump Sum	\$ 8,700.00	\$ 8,700.00	\$ 6,000.00	\$ 6,000.00	\$ 2,508.00	\$ 2,508.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 6,000.00	\$ 2,508.00	\$ 3,286.00
23	206	Structure Backfill (Flow-Fill)	70.	Cu. Yd.	\$ 155.00	\$ 10,850.00	\$ 110.00	\$ 7,700.00	\$ 156.85	\$ 10,979.50	\$ 120.00	\$ 8,400.00	\$ 110.00	\$ 156.85	\$ 120.00	\$ 128.95
24	208	Vehicle Tracking Pad	2.	Each	\$ 2,000.00	\$ 4,000.00	\$ 3,700.00	\$ 7,400.00	\$ 1,109.95	\$ 2,219.90	\$ 1,050.00	\$ 2,100.00	\$ 1,050.00	\$ 3,700.00	\$ 1,109.95	\$ 1,953.32
25	210	Repair Lateral 110 Irrigation Pipe (15" Pipe) (Includes PVC pipe, pipe bedding, and two dresser style couplings)	1.	Lump Sum	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,256.10	\$ 3,256.10	\$ 2,100.00	\$ 2,100.00	\$ 2,100.00	\$ 3,256.10	\$ 2,500.00	\$ 2,618.70
26	210	Reset Fence (Wire Fence)	140.	Lin. Ft.	\$ 15.00	\$ 2,100.00	\$ 7.20	\$ 1,008.00	\$ 27.80	\$ 3,892.00	\$ 6.00	\$ 840.00	\$ 6.00	\$ 27.80	\$ 7.20	\$ 13.67
27	304	Aggregate Base Course (Class 6) (12" thick)	56.	Sq. Yd.	\$ 24.00	\$ 1,344.00	\$ 24.00	\$ 1,344.00	\$ 41.00	\$ 2,296.00	\$ 37.00	\$ 2,072.00	\$ 24.00	\$ 41.00	\$ 37.00	\$ 34.00
28	401	Hot Bituminous Pavement (Patching) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	56.	Sq. Yd.	\$ 44.00	\$ 2,464.00	\$ 44.00	\$ 2,464.00	\$ 56.40	\$ 3,158.40	\$ 90.00	\$ 5,040.00	\$ 44.00	\$ 90.00	\$ 56.40	\$ 63.47
29	407	Emulsified Asphalt (Tack Coat)	12.	Gallon	\$ 8.00	\$ 96.00	\$ 3.25	\$ 39.00	\$ 9.00	\$ 108.00	\$ 15.00	\$ 180.00	\$ 3.25	\$ 15.00	\$ 9.00	\$ 9.08

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30	420	Geotextile (Separator) (Non-Woven) (Wrap stabilization material with fabric) (Minimum Overlap = 24")	835.	Sq. Yd.	\$ 7.00	\$ 5,845.00	\$ 3.50	\$ 2,922.50	\$ 4.25	\$ 3,548.75	\$ 5.00	\$ 4,175.00	\$ 3.50	\$ 5.00	\$ 4.25	\$ 4.25
31	620	Portable Sanitary Facility	1.	Each	\$ 450.00	\$ 450.00	\$ 400.00	\$ 400.00	\$ 660.00	\$ 660.00	\$ 700.00	\$ 700.00	\$ 400.00	\$ 700.00	\$ 660.00	\$ 586.67
32	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 9,600.00	\$ 9,600.00	\$ 18,800.00	\$ 18,800.00	\$ 7,920.00	\$ 7,920.00	\$ 20,000.00	\$ 20,000.00	\$ 7,920.00	\$ 20,000.00	\$ 18,800.00	\$ 15,573.33
33	626	Mobilization	1.	Lump Sum	\$ 37,000.00	\$ 37,000.00	\$ 89,000.00	\$ 89,000.00	\$ 36,542.00	\$ 36,542.00	\$ 42,000.00	\$ 42,000.00	\$ 36,542.00	\$ 89,000.00	\$ 42,000.00	\$ 55,847.33
34	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 2,200.00	\$ 2,200.00	\$ 7,500.00	\$ 7,500.00	\$ 8,305.00	\$ 8,305.00	\$ 9,000.00	\$ 9,000.00	\$ 7,500.00	\$ 9,000.00	\$ 8,305.00	\$ 8,268.33
35	630	Traffic Control Plan	1.	Lump Sum	\$ 500.00	\$ 500.00	\$ 220.00	\$ 220.00	\$ 220.00	\$ 220.00	\$ 350.00	\$ 350.00	\$ 220.00	\$ 350.00	\$ 220.00	\$ 263.33
36	SC 3.3.18	Backfill Compaction Tests (Includes Proctor Test) (Quality Control Testing)	22.	Each	\$ 225.00	\$ 4,950.00	\$ 550.00	\$ 12,100.00	\$ 110.00	\$ 2,420.00	\$ 150.00	\$ 3,300.00	\$ 110.00	\$ 550.00	\$ 150.00	\$ 270.00
37	SC 3.3.18	Aggregate Base Course Density Tests (Includes Proctor Test) (Quality Control Testing)	1.	Each	\$ 250.00	\$ 250.00	\$ 350.00	\$ 350.00	\$ 550.00	\$ 550.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 550.00	\$ 350.00	\$ 366.67
38	SC 3.3.18	Hot Bituminous Density Tests (Quality Control Testing)	1.	Each	\$ 250.00	\$ 250.00	\$ 200.00	\$ 200.00	\$ 220.00	\$ 220.00	\$ 200.00	\$ 200.00	\$ 200.00	\$ 220.00	\$ 200.00	\$ 206.67
39	SP	Reconfigure Manhole Bench (Manhole C4-311-037) (The City believes an 8-inch pipe is stubbed out of this manhole to the west and not a 10-inch pipe. As a result, the contractor will need to core thru the manhole wall for the new 10-inch sewer pipe and reconfigure the existing manhole bench) (Coring is paid for separately in Item No. 14 above)	1.	Lump Sum	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,045.00	\$ 1,045.00	\$ 1,800.00	\$ 1,800.00	\$ 1,045.00	\$ 1,800.00	\$ 1,200.00	\$ 1,348.33
40	SP	Manhole Corrosion Protection (Geopolymer Liner)	130.	Vert. Ft.	\$ 275.00	\$ 35,750.00	\$ 764.00	\$ 99,320.00	\$ 884.95	\$ 115,043.50	\$ 485.00	\$ 63,050.00	\$ 485.00	\$ 884.95	\$ 764.00	\$ 711.32
41	SP	Dewatering Trenches (Includes CDPHE Dewatering Permit)	1.	Lump Sum	\$ 50,000.00	\$ 50,000.00	\$ 108,250.00	\$ 108,250.00	\$ 24,024.00	\$ 24,024.00	\$ 143,079.00	\$ 143,079.00	\$ 24,024.00	\$ 143,079.00	\$ 108,250.00	\$ 91,784.33
42	SP	Rock Excavation	120.	Cu. Yd.	\$ 210.00	\$ 25,200.00	\$ 133.00	\$ 15,960.00	\$ 96.55	\$ 11,586.00	\$ 250.00	\$ 30,000.00	\$ 96.55	\$ 250.00	\$ 133.00	\$ 159.85
43	SP	Remove & Relocate Soil Stockpiles (3125 D Road & Senegy Builders Properties) (Estimated quantity of dirt to be removed and relocated out of the way of the new sewer line alignment is 2,000 cyds) (Contractor shall only relocate the amount of dirt needed for a successful and safe sewer pipe installation)	1.	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 4,525.00	\$ 4,525.00	\$ 5,764.00	\$ 5,764.00	\$ 6,200.00	\$ 6,200.00	\$ 4,525.00	\$ 6,200.00	\$ 5,764.00	\$ 5,496.33
44	Pump	Bypass Pumping (Wastewater) (As deemed necessary by Contractor)	1.	Lump Sum	\$ 4,800.00	\$ 4,800.00	\$ 4,500.00	\$ 4,500.00	\$ 19,880.00	\$ 19,880.00	\$ 6,800.00	\$ 6,800.00	\$ 4,500.00	\$ 19,880.00	\$ 6,800.00	\$ 10,393.33

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45	Pump	Groundwater Retention Ponds (Includes grading the retention ponds to the contours shown on the Plans)	1.	Lump Sum	\$ 10,000.00	\$ 10,000.00	\$ 7,545.00	\$ 7,545.00	\$ 14,308.50	\$ 14,308.50	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00	\$ 14,308.50	\$ 7,545.00	\$ 9,684.50
MCR		Minor Contract Revisions	---	---	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
TOTAL BID:						\$ 589,655.00		\$ 772,595.00		\$ 821,171.80		\$ 879,300.00				

[1] - corrected extension

[2] - corrected total