



Purchasing Division

ADDENDUM NO. 3

DATE: December 18, 2019
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: 23 Road Sewer Trunk Line Extension Project
IFB-4731-20-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. There is no pay item for T-Top asphalt removal? Does asphalt removal (full-depth) have to be done with an asphalt milling machine?
 - A. The Bid Schedule has been updated to include an Asphalt T-Top Removal bid item. Asphalt removal quantities and new asphalt placement quantities have also been updated. Full-Depth asphalt removal can be accomplished either with an asphalt milling machine and/or saw cutting the asphalt pavement and removing the asphalt with machinery. An updated Bid Schedule is attached.
2. Q. What is the contractor's access to the western side of the project?
 - A. *Access to the western portion of the project will be from Hallco Drive. Currently, there is no easement from Hallco Drive down to the start of the sewer project. The City has acquired a sewer easement from the Hall property, however, the City will work with the Hall property representative on acquiring an access easement down the western part of the Hall property.*
3. Q. Is the existing Ute Water waterline in G $\frac{3}{4}$ Road a 12" pipe or an 8" pipe?
 - A. *According to the City GIS Ute Water layer, the existing waterlines in Goldenrod Court and G $\frac{3}{4}$ Road are 8" PVC waterlines. Also, a potential bidder attending the pre-bid meeting verified with Ute Water that the existing waterlines are 8" PVC waterlines. The bid items associated with the waterline relocation in the Bid Schedule have been updated for an 8" waterline. An updated Bid Schedule is attached.*
4. Q. If groundwater is encountered in the sewer trench, will the Contractor be allowed to discharge the groundwater into Persigo Wash with or without a media filter on the end of the discharge hose?
 - A. *If groundwater is encounter within the sewer trench, the Contractor shall apply for and receive a Colorado CDPHE Dewatering Permit prior to dewatering operations taking place. A blank*

CDPHE Dewatering Permit has been provided in Appendix C, if needed. However, I'm sure the preferred method applying for the permit is on the CDPHE website. The Contractor will be required to adhere to the discharge requirements of the CDPHE Dewatering Permit.

A new Construction Dewatering bid item has been added to the updated Bid Schedule. If dewatering is necessary, Construction Dewatering will be paid for by the Lump Sum.

5. Q. Are pipe joint restraints required on the sewer pipe within the steel casing pipe? What is the sewer pipe specification within the steel casing pipe?
 - A. *The Project Engineer has decided that pipe joint restraints on the carrier pipe are necessary within the steel casing pipe. Bidders shall reference City Standard Detail GU-07 for details on casing spacers and restrained casing spacers. The SDR-35 PVC carrier pipe shall be supported every 6-feet with a casing spacer and/or a restrained casing spacer. All PVC pipe joints within the steel casing pipe shall have a restrained casing spacer installed. The sewer carrier pipe through the steel casing pipe shall be SDR-35 PVC sewer pipe.*

6. Q. Is the annular space between the PVC carrier pipe and the steel casing pipe going to be filled with a flowable grout material?
 - A. *No, the annular space will not be filled with a flowable grout.*

7. Q. It appears a couple mailboxes along Goldenrod Court may need to be removed and reset. Will there be a bid item added to the Bid Schedule for these mailboxes?
 - A. *Yes, the bid item, Reset Mailbox, has been added to the Bid Schedule. In addition, the bid items, Reset Gate and Remove Tree, have been added to the Bid Schedule as well.*

8. Q. What is the thickness of the rock material that is to be used for the Gravel Driveway Restoration bid item at address 759 Goldenrod Court?
 - A. *The minimum rock thickness highlighted in the bid item is 2-inches.*

9. Q. Will the City require a wooden 4" x 4" post be installed at the ends of the new sewer services?
 - A. *Yes, the City will require the Contractor to bury a vertically standing 4" x 4" wooden post at the end of the 4-inch sewer service near the property boundary. The wooden post needs to be at least 3-feet long and buried below the dirt surface.*

10. Q. Can past City bid tabulations be provided?
 - A. *Yes, bid tabulations from the 2018 and 2019 sewer line replacement projects have been included with this Addendum.*

11. Q. What is the ROW or Easement width along the pipe alignment, particularly the private property at the subdivision?
 - A. *The width of the sewer easement through the private property at 759 Goldenrod Court is 20-feet. The limits of the sewer easement are not shown on the contraction plans, however, I attached the sewer easement exhibit to this Addendum so the Bidders can see the limits of the sewer easement.*

12.Q. Where is the RCP pipe bedding and backfill detail for the drainage ditches?

A. *Refer to City Standard Detail GU-03 for the Typical Trench Detail.*

13.Q. Is the liner to extend below the existing GVIC bridge?

A. *Yes, the new shotcrete liner and geotextile fabric is to extend below the existing GVIC bridge and connect into the existing concrete canal liner using a cutoff wall per Detail C. See sheet SD-1.*

14.Q. Detail D is not shown on sheet SD-1?

A. *Austin Civil Group and the City have requested from Grand Valley Irrigation Company (GVIC) their typical detail they use for applying shotcrete underneath existing concrete bridges, however, Austin Civil Group and the City have never received the detail GVIC uses.*

15.Q. Can the Bid Opening date of January 2, 2020 be moved to provide more time for Bidders due to the holidays?

A. *Unfortunately, no. Due to needing to cross the GVIC canal prior to March 15, 2020, the City is going to keep the Bid Opening scheduled for January 2, 2020.*

16.Q. Will this Project have CDOT Buy American Steel requirements?

A. *No, this Project will not have Buy American Steel requirements.*

17.Q. Where will the staging areas for pipe and materials be located?

A. *All pipe and material storage shall be staged in either the sewer easements in the undeveloped area of the project, or within the street right-of-way of Goldenrod Court and/or G ¼ Road as long as the material storage doesn't interfere with resident traffic. In addition to these areas, the Contractor will be allowed to store materials in the 783 23 Road property where SSMH-11 is located.*

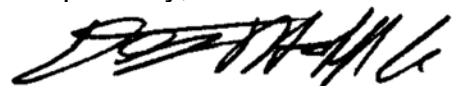
18. Q. Where is the RCP pipe bedding and backfill detail for the drainage ditch? Will the contractor be using GVIC or the city detail?

A. See answer 12.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado

Bid Schedule: 23 Road Sewer Trunk Line Extension Project

ADDENDUM #3

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	4" Sewer Service Pipe (SDR-35 PVC) (Includes buried 4" x 4" wood post at end of sewer service, 3' long wood post)	275.	Lin. Ft.	\$ _____	\$ _____
2	108.2	8" Gravity Sewer Pipe (SDR-35 PVC)	12.	Lin. Ft.	\$ _____	\$ _____
3	108.2	12" Gravity Sewer Pipe (SDR-35 PVC)	4,420.	Lin. Ft.	\$ _____	\$ _____
4	108.2	Water Main (8") (C-900 PVC, DR-18) (Lower waterline below new sewer line) (Includes pipe disinfection, installing tracing wire and making necessary connections into ex.tracing wire per Ute Water Details)	20.	Lin. Ft.	\$ _____	\$ _____
5	108.2	45" x 29" Culvert (Elliptical RCP Pipe) (Includes grading of existing drain ditch upstream and downstream per plan)	44.	Lin. Ft.	\$ _____	\$ _____
6	108.2	36" Culvert (RCP Pipe) (Includes grading of existing drain ditch channel upstream and downstream as necessary)	60.	Lin. Ft.	\$ _____	\$ _____
7	108.2	Imported Trench Backfill (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)	2,200.	Ton	\$ _____	\$ _____
8	108.3	12" x 4" Sewer Service Tap (Full Body Wye w/ Street 45-deg.) (See City Std. Detail SS-06)	11.	Each	\$ _____	\$ _____
9	108.3	Install 2-way Sewer Service Cleanout and Ring and Cover (Castings Inc. CO-8030-CI or Approved Equal) (Includes concrete collar in unpaved areas per City Std. Detail SS-07)	11.	Each	\$ _____	\$ _____
10	108.3	4" End Cap (PVC) (Air Tight)	11.	Each	\$ _____	\$ _____
11	108.3	8" End Cap (PVC)	4.	Each	\$ _____	\$ _____
12	108.3	12" End Cap (PVC)	2.	Each	\$ _____	\$ _____
13	108.3	15" x 12" Reducer (Eccentric Coupling) (G x G)	1.	Each	\$ _____	\$ _____
14	108.3	Bell Fitting Joint Restraints (To be used on the SDR-35 sewer pipe at both drainage ditch crossings) (Sta. 23+04 - 23+60 and 27+00 - 27+60)	8.	Each	\$ _____	\$ _____
15	108.3	Elbow (8" x 45 deg) (Epoxy Coated) (Lower waterline below new sewer line) (Restrained Elbow Fitting) (Includes concrete thrust blocks)	4.	Each	\$ _____	\$ _____

Bid Schedule: 23 Road Sewer Trunk Line Extension Project

ADDENDUM #3

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
16	108.3	Coupling (8") (Epoxy Coated) (Lower waterline below new sewer line) (Restrained Coupling Fitting) (Romac Industries Alpha Restrained Joint or Engineer Approved Equal)	2.	Each	\$ _____	\$ _____
17	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, epoxy invert coating, grade rings, MH-310-24 CI covers, and concrete collars in unpaved areas per City Std. Detail SS-07)	10.	Each	\$ _____	\$ _____
18	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	12.	Lin. Ft.	\$ _____	\$ _____
19	108.5	Connect to Existing Manhole (Ex. Manhole may have a 15" pipe stubbed out to connect to. Need to field verify)	1.	Each	\$ _____	\$ _____
20	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 136 lbs/cu.ft.)	1,000.	Ton	\$ _____	\$ _____
21	201	Clearing and Grubbing	1.	Lump Sum	\$ _____	\$ _____
22	202	Remove Tree (759 Goldenrod Court)	1.	Each	\$ _____	\$ _____
23	202	Removal of Asphalt (Full-Depth)	530.	Sq. Yd.	\$ _____	\$ _____
24	202	Removal of Asphalt (T-Top) (Milling) (2" Thick for T-Top Section) (See City Std. Detail GU-03)	225.	Sq. Yd.	\$ _____	\$ _____
25	202	Remove Existing 18" RCP Culvert (Contractor shall return pipe to Grand Valley Drainage District property)	45.	Lin. Ft.	\$ _____	\$ _____
26	206	Structure Backfill (Flow-Fill)	120.	Cu. Yd.	\$ _____	\$ _____
27	208	Concrete Washout Structure	1.	Each	\$ _____	\$ _____
28	208	Vehicle Tracking Pad	1.	Each	\$ _____	\$ _____
29	208	Temporary Berm	2,700.	Lin. Ft.	\$ _____	\$ _____
30	209	Dust Abatement	30.	Day	\$ _____	\$ _____
31	210	Reset Fence (Ex. Wire Fence)	25.	Lin. Ft.	\$ _____	\$ _____
32	210	Reset Fence (Ex. Wooden Fence) (Match in Kind)	60.	Lin. Ft.	\$ _____	\$ _____

Bid Schedule: 23 Road Sewer Trunk Line Extension Project

ADDENDUM #3

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
33	210	Reset Gate (759 Goldenrod Court)	1.	Each	\$ _____	\$ _____
34	210	Reset Mailbox (759 Goldenrod Court)	2.	Each	\$ _____	\$ _____
35	210	Reset Landscape Rock (Cobble Style Rock) (Match in Kind)	45.	Sq. Yd.	\$ _____	\$ _____
36	304	Aggregate Base Course (Class 6) (6" thick) (Shotcrete Canal Liner) (To be placed beneath the shotcrete and geotextile liner)	150.	Sq. Yd.	\$ _____	\$ _____
37	304	Aggregate Base Course (Class 6) (4" thick x 4' wide) (Roadway Shoulder Base)	56.	Sq. Yd.	\$ _____	\$ _____
38	304	Aggregate Base Course (Class 6) (15" thick)	475.	Sq. Yd.	\$ _____	\$ _____
39	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (2" Bottom Mat)	530.	Sq. Yd.	\$ _____	\$ _____
40	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (2" Top Mat) (T-Top)	755.	Sq. Yd.	\$ _____	\$ _____
41	407	Emulsified Asphalt (Tack Coat)	95.	Gallon	\$ _____	\$ _____
42	420	Geotextile (Separator) (Non-woven) (Contech C-60NW, Nilex NW60, or Engineer Approved Equal) (Wrap stabilization material with fabric) (Minimum Overlap = 30") (See City Std. Detail GU-03 for Details)	1,300.	Sq. Yd.	\$ _____	\$ _____
43	420	Geotextile (Nominal 10 oz. Non-woven Fabric) (Use with concrete slope and ditch paving)	150.	Sq. Yd.	\$ _____	\$ _____
44	507	Concrete Slope and Ditch Paving (3,000 psi Shotcrete) (Polypropylene Synthetic Fiber Reinforcement) (3" Thick Min.) (1.5 lbs/cyd shotcrete) (Fiber Length = Graded)	150.	Sq. Yd.	\$ _____	\$ _____
45	608	Cap Top Half of Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	2.	Each	\$ _____	\$ _____

Bid Schedule: 23 Road Sewer Trunk Line Extension Project

ADDENDUM #3

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
46	608	Encase Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	1.	Each	\$ _____	\$ _____
47	619	20" Steel Casing Pipe (Open Trench Installation) (1/4" Thick)	60.	Lin. Ft.	\$ _____	\$ _____
48	619	20" x 12" Casing Pipe End Caps	2.	Each	\$ _____	\$ _____
49	619	Cascade Waterworks Casing Spacers and Restrained Casing Spacers or Engineer Approved Equal (6-foot support spacing) (See City Std. Detail GU-07)	1.	Lump Sum	\$ _____	\$ _____
50	620	Portable Sanitary Facility	1.	Lump Sum	\$ _____	\$ _____
51	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ _____	\$ _____
52	626	Mobilization	1.	Lump Sum	\$ _____	\$ _____
53	629	Survey Monumentation (Reference and Reset) (If Necessary)	2.	Each	\$ _____	\$ _____
54	630	Traffic Control Plan	1.	Lump Sum	\$ _____	\$ _____
55	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
56	630	Flagging	300.	Hour	\$ _____	\$ _____
57	SP	Anti-Seep Collars (4' x 4') (Construct per GVIC details shown in the plans)	2.	Each	\$ _____	\$ _____
58	SC 3.3.17	Backfill Compaction Tests (Includes Proctor Test) (Quality Control Testing)	12.	Each	\$ _____	\$ _____
59	SC 3.3.17	Aggregate Base Course Density Tests (Includes Proctor Test) (Quality Control Testing)	4.	Each	\$ _____	\$ _____
60	SC 3.3.17	Hot Bituminous Density Tests (Quality Control Testing)	4.	Each	\$ _____	\$ _____
61		Gravel Driveway Restoration (759 Goldenrod Court) (2" Thick Min.) (Includes grading and placing new gravel/rock that matches the existing driveway material)	240.	Sq. Yd.	\$ _____	\$ _____
62		Construction Dewatering (Includes acquiring the CDPHE Dewatering Permit and dewatering the construction area per the Permits requirements)	1.	Lump Sum	\$ _____	\$ _____

Bid Schedule: 23 Road Sewer Trunk Line Extension Project ADDENDUM #3

Item No.	CDOT, City Ref. Description	Quantity	Units	Unit Price	Total Price
MCR	Minor Contract Revisions	---	---	---	\$ 50,000.00

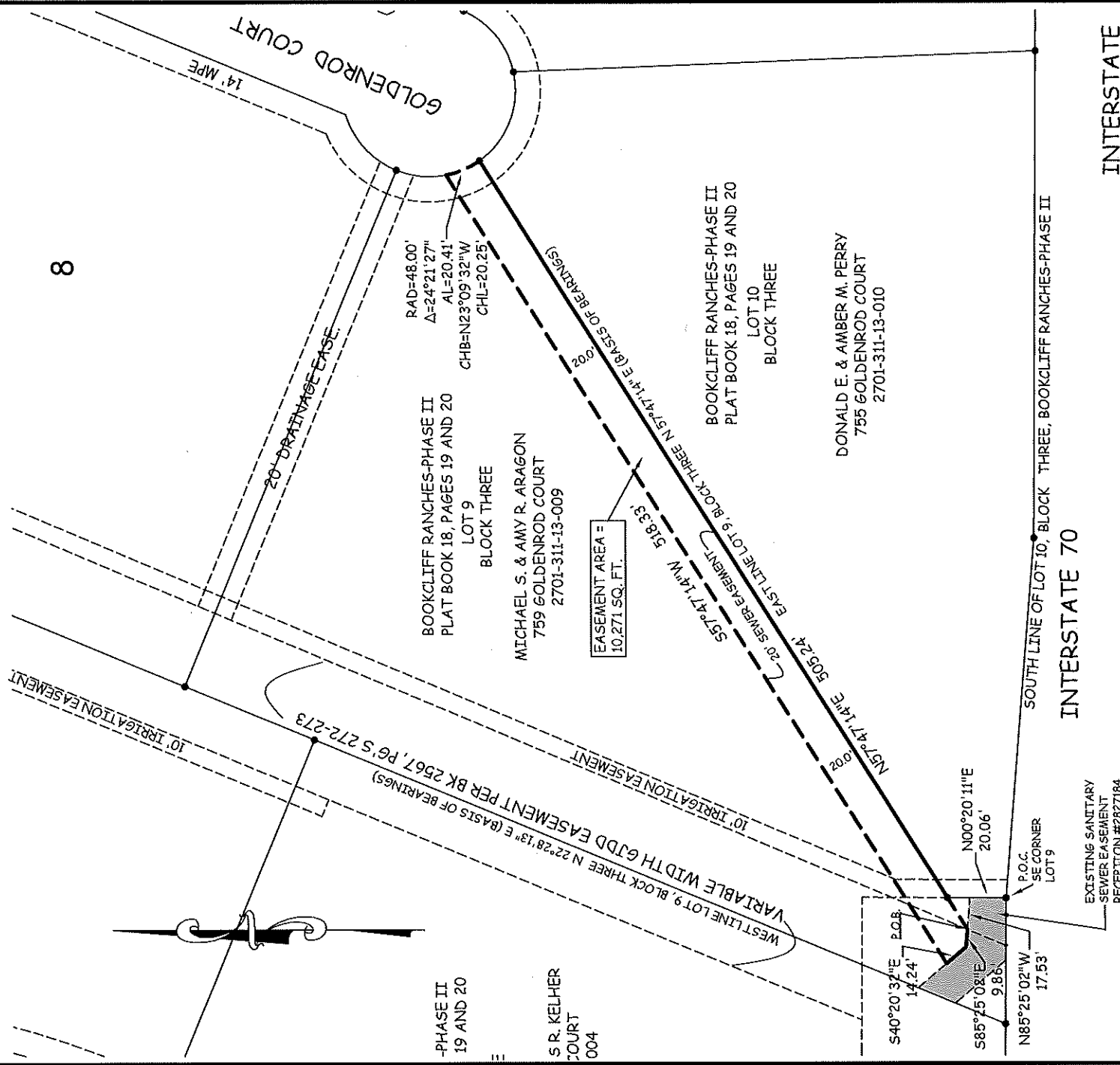
Bid Amount: \$ _____

Bid Amount: _____ **dollars**

Contractor Name:
Contractor Address:
Contractor Phone #:

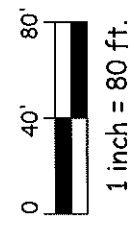
EXHIBIT "A"

8

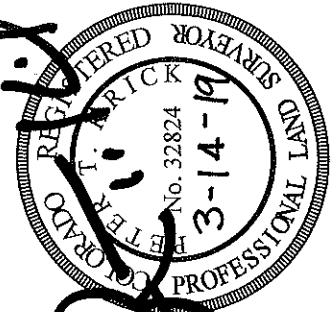


ABBREVIATIONS

- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING
- R.O.W. RIGHT OF WAY
- SEC. SECTION
- TWP. TOWNSHIP
- RGE. RANGE
- U.M. UTE MERIDIAN



1 inch = 80 ft.
Lineal Units = U.S. Survey Foot



The sketch and description shown hereon has been derived from subdivision plats and deed descriptions as they appear in the office of the Mesa County Clerk and Recorder. This sketch does not constitute a legal survey, and is not intended to be used as a means for establishing or verifying property boundary lines.

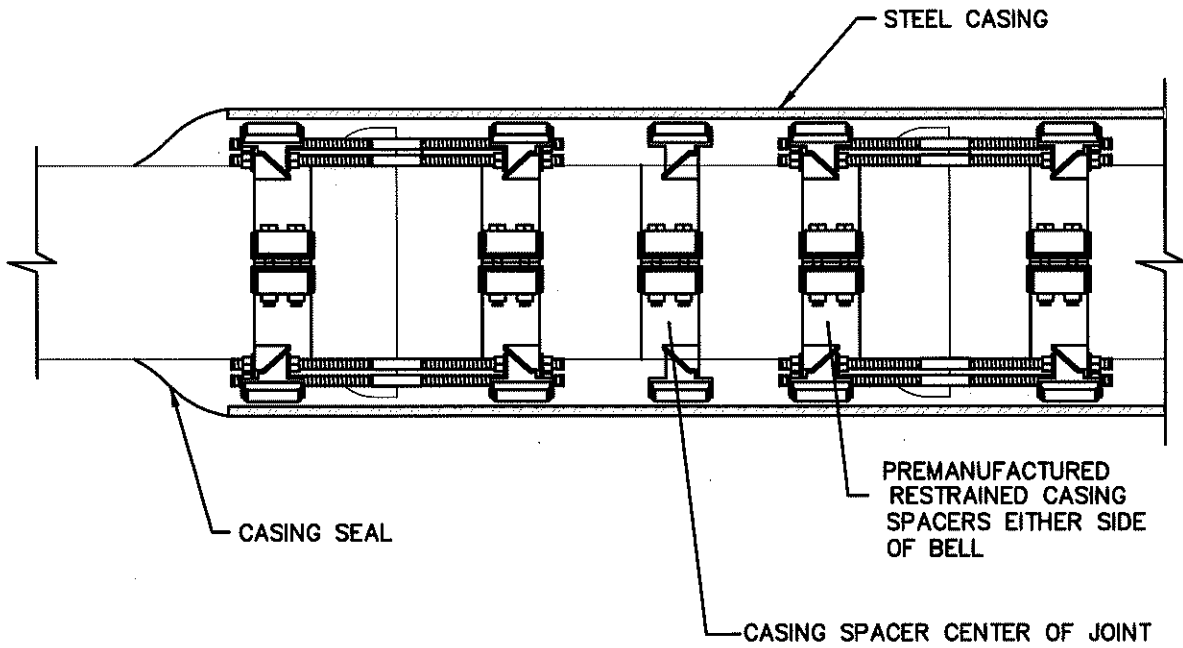
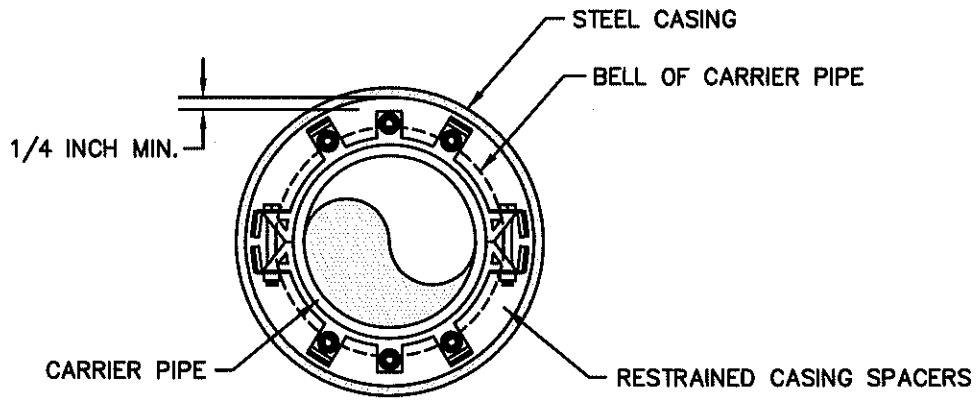
SHEET 6 OF 6

DRAWN BY: P.T.K.
DATE: 01-30-2019
SCALE: 1" = 80'
APPR. BY: M.G.

MICHAEL SHANE AND AMY R. ARAGON
759 GOLDENROD COURT
RECEPTION NO. 2306052

CITY OF
Grand Junction
COLORADO

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STANDARD PIPE CASING / RESTRAINED JOINT

DEPARTMENT OF PUBLIC WORKS AND PLANNING
ENGINEERING DIVISION
CITY OF GRAND JUNCTION, COLORADO

GENERAL UTILITY
DETAIL

APPROVED: DN
DATE: FEB 2008
DRAWN: TCR/DPW

PAGE
GU-07

Bid Summary
2018 Sewerline Replacement Project - Phase A

Bid Opening: April 13, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle SW Group, United Companies		Dirtworks Construction, LLC		Milestone Companies, LLC		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	Unit Price	Extended Price				
1	108.2	4" Sewer Pipe Service (SDR-35 PVC) (Includes cost of connection to the existing sewer service line)	910.	Lin. Ft.	\$ 52.00	\$ 47,320.00	\$ 58.00	\$ 52,780.00	\$ 47.00	\$ 42,770.00	\$ 51.00	\$ 46,410.00	\$ 72.00	\$ 65,520.00	\$ 47.00	\$ 72.00	\$ 54.50	\$ 57.00
2	108.2	6" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	60.	Lin. Ft.	\$ 55.00	\$ 3,300.00	\$ 70.00	\$ 4,200.00	\$ 43.90	\$ 2,634.00	\$ 48.00	\$ 2,880.00	\$ 53.00	\$ 3,180.00	\$ 43.90	\$ 70.00	\$ 50.50	\$ 53.73
3	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	3,560.	Lin. Ft.	\$ 39.00	\$ 138,840.00	\$ 43.00	\$ 153,080.00	\$ 37.80	\$ 134,568.00	\$ 40.00	\$ 142,400.00	\$ 46.00	\$ 163,760.00	\$ 37.80	\$ 46.00	\$ 41.50	\$ 41.70
4	108.2	8" Gravity Sewer Pipe (Fusible PVC C-900 DR-18 or Certa-Lok C-900-Restrained Joint DR-18) (Includes Pipe-Bursting Installation Method)	1,170.	Lin. Ft.	\$ 62.00	\$ 72,540.00	\$ 78.00	\$ 91,260.00	\$ 106.00	\$ 124,020.00	\$ 156.00	\$ 182,520.00	\$ 105.00	\$ 122,850.00	\$ 78.00	\$ 156.00	\$ 105.50	\$ 111.25
5	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	815.	Lin. Ft.	\$ 49.00	\$ 39,935.00	\$ 43.00	\$ 35,045.00	\$ 41.30	\$ 33,659.50	\$ 51.00	\$ 41,565.00	\$ 52.00	\$ 42,380.00	\$ 41.30	\$ 52.00	\$ 47.00	\$ 46.83
6	108.2	Imported Trench Backfill (Class 3) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/ft3)	3,000.	Ton	\$ 17.00	\$ 51,000.00	\$ 10.00	\$ 30,000.00	\$ 19.80	\$ 59,400.00	\$ 18.00	\$ 54,000.00	\$ 30.00	\$ 90,000.00	\$ 10.00	\$ 30.00	\$ 18.90	\$ 19.45
7	108.3	8" x 4" Sewer Service Tap (Full Body Wye) (Includes Wye, clean-out and all fittings required to align and connect the sewer service pipe to the sewer tap)	38.	Each	\$ 220.00	\$ 8,360.00	\$ 121.00	\$ 4,598.00	\$ 194.00	\$ 7,372.00	\$ 205.00	\$ 7,790.00	\$ 200.00	\$ 7,600.00	\$ 121.00	\$ 205.00	\$ 197.00	\$ 180.00
8	108.3	8" x 4" Sewer Service Tap (Tapping Saddle) (To be used on the Fusible PVC pipe) (Includes saddle, clean-out and all fittings required to align and connect the sewer service pipe to the sewer tap)	12.	Each	\$ 250.00	\$ 3,000.00	\$ 313.00	\$ 3,756.00	\$ 254.00	\$ 3,048.00	\$ 350.00	\$ 4,200.00	\$ 1,000.00	\$ 12,000.00	\$ 254.00	\$ 1,000.00	\$ 331.50	\$ 479.25
9	108.3	10" x 4" Sewer Service Tap (Full Body Wye) (Includes Wye, clean-out and all fittings required to align and connect the sewer service pipe to the sewer tap)	6.	Each	\$ 300.00	\$ 1,800.00	\$ 241.00	\$ 1,446.00	\$ 272.00	\$ 1,632.00	\$ 400.00	\$ 2,400.00	\$ 380.00	\$ 2,280.00	\$ 241.00	\$ 400.00	\$ 326.00	\$ 323.25
10	108.3	Sewer Service Clean-out Ring and Cover (Castings Inc. CO-8030-CI or Approved Equal) (Includes concrete collar in unpaved areas per City Std. Detail SS-07)	55.	Each	\$ 300.00	\$ 16,500.00	\$ 450.00	\$ 24,750.00	\$ 120.00	\$ 6,600.00	\$ 900.00	\$ 49,500.00	\$ 170.00	\$ 9,350.00	\$ 120.00	\$ 900.00	\$ 310.00	\$ 410.00
11	108.5	Sanitary Sewer Basic Manhole (48" I.D.)	4.	Each	\$ 3,600.00	\$ 14,400.00	\$ 2,894.00	\$ 11,576.00	\$ 3,600.00	\$ 14,400.00	\$ 3,500.00	\$ 14,000.00	\$ 7,000.00	\$ 28,000.00	\$ 2,894.00	\$ 7,000.00	\$ 3,550.00	\$ 4,248.50
12	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Epoxy Coated Inverts)	21.	Each	\$ 4,000.00	\$ 84,000.00	\$ 2,994.00	\$ 62,874.00	\$ 3,900.00	\$ 81,900.00	\$ 3,800.00	\$ 79,800.00	\$ 7,500.00	\$ 157,500.00	\$ 2,994.00	\$ 7,500.00	\$ 3,850.00	\$ 4,548.50
13	108.5	Manhole Barrel Section (D>5') (48" I.D.)	39.	Vert. Ft.	\$ 135.00	\$ 5,265.00	\$ 129.00	\$ 5,031.00	\$ 300.00	\$ 11,700.00	\$ 150.00	\$ 5,850.00	\$ 250.00	\$ 9,750.00	\$ 129.00	\$ 300.00	\$ 200.00	\$ 207.25

Bid Summary
2018 Sewerline Replacement Project - Phase A

Bid Opening: April 13, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle SW Group, United Companies		Dirtworks Construction, LLC		Milestone Companies, LLC		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	Unit Price	Extended Price				
14	108.5	Connect to Existing Manhole (8" pipe)	2.	Each	\$ 950.00	\$ 1,900.00	\$ 808.00	\$ 1,616.00	\$ 700.00	\$ 1,400.00	\$ 1,200.00	\$ 2,400.00	\$ 2,000.00	\$ 4,000.00	\$ 700.00	\$ 2,000.00	\$ 1,004.00	\$ 1,177.00
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)	550.	Ton	\$ 22.00	\$ 12,100.00	\$ 12.00	\$ 6,600.00	\$ 46.30	\$ 25,465.00	\$ 28.00	\$ 15,400.00	\$ 46.00	\$ 25,300.00	\$ 12.00	\$ 46.30	\$ 37.00	\$ 33.08
16	202	Removal of Existing Pipe (Size & type as shown on plans)	5,351.	Lin. Ft.	\$ 2.00	\$ 10,702.00	\$ 1.00	\$ 5,351.00	\$ 4.40	\$ 23,544.40	\$ 5.00	\$ 26,755.00	\$ 3.00	\$ 16,053.00	\$ 1.00	\$ 5.00	\$ 3.70	\$ 3.35
17	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	14.	Each	\$ 275.00	\$ 3,850.00	\$ 50.00	\$ 700.00	\$ 50.00	\$ 700.00	\$ 500.00	\$ 7,000.00	\$ 180.00	\$ 2,520.00	\$ 50.00	\$ 500.00	\$ 115.00	\$ 195.00
18	202	Removal of Asphalt Mat (Full Depth)	1,700.	Sq. Yd.	\$ 4.50	\$ 7,650.00	\$ 5.00	\$ 8,500.00	\$ 8.00	\$ 13,600.00	\$ 4.50	\$ 7,650.00	\$ 37.00	\$ 62,900.00	\$ 4.50	\$ 37.00	\$ 6.50	\$ 13.63
19	202	Removal of Asphalt Mat (Planing) (2" Thick for T-Top Section)	1,100.	Sq. Yd.	\$ 4.00	\$ 4,400.00	\$ 3.00	\$ 3,300.00	\$ 20.15	\$ 22,165.00	\$ 7.89	\$ 8,679.00	\$ 10.00	\$ 11,000.00	\$ 3.00	\$ 20.15	\$ 8.95	\$ 10.26
20	202	Removal of Concrete with Radiant Heat Tubing (Alley at Munro Pump) (Saw-Cut Concrete for Removal) (6" Thick)	20.	Sq. Yd.	\$ 35.00	\$ 700.00	\$ 55.00	\$ 1,100.00	\$ 64.00	\$ 1,280.00	\$ 450.00	\$ 9,000.00	\$ 70.00	\$ 1,400.00	\$ 55.00	\$ 450.00	\$ 67.00	\$ 159.75
21	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, and landscape borders)	220.	Sq. Yd.	\$ 12.00	\$ 2,640.00	\$ 12.00	\$ 2,640.00	\$ 55.00	\$ 12,100.00	\$ 10.00	\$ 2,200.00	\$ 42.00	\$ 9,240.00	\$ 10.00	\$ 55.00	\$ 27.00	\$ 29.75
22	202	Removal of Sod	15.	Sq. Yd.	\$ 18.00	\$ 270.00	\$ 9.00	\$ 135.00	\$ 35.00	\$ 525.00	\$ 30.00	\$ 450.00	\$ 29.00	\$ 435.00	\$ 9.00	\$ 35.00	\$ 29.50	\$ 25.75
23	202	Removal of Manhole	24.	Each	\$ 1,100.00	\$ 26,400.00	\$ 150.00	\$ 3,600.00	\$ 600.00	\$ 14,400.00	\$ 1,200.00	\$ 28,800.00	\$ 600.00	\$ 14,400.00	\$ 150.00	\$ 1,200.00	\$ 600.00	\$ 637.50
24	202	Abandon Manhole (Remove cone section, ring & cover, and fill remaining barrel sections with flow-fill material)	1.	Each	\$ 2,000.00	\$ 2,000.00	\$ 150.00	\$ 150.00	\$ 800.00	\$ 800.00	\$ 1,800.00	\$ 1,800.00	\$ 3,500.00	\$ 3,500.00	\$ 150.00	\$ 3,500.00	\$ 1,300.00	\$ 1,562.50
25	203	Disposal of Radioactive Material (Dispose at City Shops, 333 West Ave.)	40.	Cu. Yd.	\$ 20.00	\$ 800.00	\$ 12.00	\$ 480.00	\$ 50.00	\$ 2,000.00	\$ 18.50	\$ 740.00	\$ 480.00	\$ 19,200.00	\$ 12.00	\$ 480.00	\$ 34.25	\$ 140.13
26	206	Structure Backfill (Flow-Fill)	100.	Cu. Yd.	\$ 120.00	\$ 12,000.00	\$ 69.00	\$ 6,900.00	\$ 97.00	\$ 9,700.00	\$ 89.00	\$ 8,900.00	\$ 240.00	\$ 24,000.00	\$ 69.00	\$ 240.00	\$ 93.00	\$ 123.75
27	208	Storm Drain Inlet Protection (Silt-Sack) (Includes Maintenance & Removal of Debris, & Removal of Inlet Protection)	15.	Each	\$ 170.00	\$ 2,550.00	\$ 200.00	\$ 3,000.00	\$ 200.00	\$ 3,000.00	\$ 150.00	\$ 2,250.00	\$ 250.00	\$ 3,750.00	\$ 150.00	\$ 250.00	\$ 200.00	\$ 200.00
28	208	Concrete Washout Facility	1.	Lump Sum	\$ 1,200.00	\$ 1,200.00	\$ 400.00	\$ 400.00	\$ 950.00	\$ 950.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 1,800.00	\$ 400.00	\$ 1,800.00	\$ 1,375.00	\$ 1,237.50
29	210	Repair Damage to Unlocated Irrigation Lines (Various Sizes and Materials) (1" to 15")	3.	Each	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00	\$ 325.00	\$ 975.00	\$ 1,200.00	\$ 3,600.00	\$ 340.00	\$ 1,020.00	\$ 300.00	\$ 1,200.00	\$ 332.50	\$ 541.25
30	210	Reset Landscape Ground Cover (Landscape Rock) (Match in Kind)	25.	Sq. Yd.	\$ 26.00	\$ 650.00	\$ 15.00	\$ 375.00	\$ 30.00	\$ 750.00	\$ 100.00	\$ 2,500.00	\$ 90.00	\$ 2,250.00	\$ 15.00	\$ 100.00	\$ 60.00	\$ 58.75
31	210	Reset Sprinkler System (Complete in Place)	2.	Each	\$ 1,250.00	\$ 2,500.00	\$ 150.00	\$ 300.00	\$ 550.00	\$ 1,100.00	\$ 2,500.00	\$ 5,000.00	\$ 2,400.00	\$ 4,800.00	\$ 150.00	\$ 2,500.00	\$ 1,475.00	\$ 1,400.00

Bid Summary
2018 Sewerline Replacement Project - Phase A

Bid Opening: April 13, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle SW Group, United Companies		Dirtworks Construction, LLC		Milestone Companies, LLC		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	Unit Price	Extended Price				
32	210	Reset Fence (6' High Chain-Link)	32.	Lin. Ft.	\$ 56.00	\$ 1,792.00	\$ 25.00	\$ 800.00	\$ 7.00	\$ 224.00	\$ 25.00	\$ 800.00	\$ 36.00	\$ 1,152.00	\$ 7.00	\$ 36.00	\$ 25.00	\$ 23.25
33	212	Re-Sod Area as Shown (Includes 4" Thick of Topsoil placed prior to sod placement)	15.	Sq. Yd.	\$ 45.00	\$ 675.00	\$ 12.00	\$ 180.00	\$ 5.00	\$ 75.00	\$ 100.00	\$ 1,500.00	\$ 24.00	\$ 360.00	\$ 5.00	\$ 100.00	\$ 18.00	\$ 35.25
34	304	Aggregate Base Course (Class 6) (6" thick)	1,300.	Sq. Yd.	\$ 12.00	\$ 15,600.00	\$ 6.65	\$ 8,645.00	\$ 9.30	\$ 12,090.00	\$ 20.00	\$ 26,000.00	\$ 8.00	\$ 10,400.00	\$ 6.65	\$ 20.00	\$ 8.65	\$ 10.99
35	304	Aggregate Base Course (Class 6) (15" thick)	1,700.	Sq. Yd.	\$ 22.00	\$ 37,400.00	\$ 19.85	\$ 33,745.00	\$ 23.50	\$ 39,950.00	\$ 32.00	\$ 54,400.00	\$ 18.00	\$ 30,600.00	\$ 18.00	\$ 32.00	\$ 21.68	\$ 23.34
36	401	Hot Bituminous Pavement (Patching) (3" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 3" Lift)	1,700.	Sq. Yd.	\$ 24.00	\$ 40,800.00	\$ 32.00	\$ 54,400.00	\$ 19.00	\$ 32,300.00	\$ 26.50	\$ 45,050.00	\$ 33.00	\$ 56,100.00	\$ 19.00	\$ 33.00	\$ 29.25	\$ 27.63
37	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 2" Top Mat)	1,550.	Sq. Yd.	\$ 14.00	\$ 21,700.00	\$ 18.00	\$ 27,900.00	\$ 14.00	\$ 21,700.00	\$ 24.50	\$ 37,975.00	\$ 16.00	\$ 24,800.00	\$ 14.00	\$ 24.50	\$ 17.00	\$ 18.13
38	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 2" Top Mat) (T-Top)	1,200.	Sq. Yd.	\$ 14.00	\$ 16,800.00	\$ 14.00	\$ 16,800.00	\$ 13.60	\$ 16,320.00	\$ 24.50	\$ 29,400.00	\$ 17.00	\$ 20,400.00	\$ 13.60	\$ 24.50	\$ 15.50	\$ 17.28
39	407	Emulsified Asphalt (Tack Coat)	295.	Gallon	\$ 2.65	\$ 781.75	\$ 7.00	\$ 2,065.00	\$ 2.75	\$ 811.25	\$ 10.00	\$ 2,950.00	\$ 7.40	\$ 2,183.00	\$ 2.75	\$ 10.00	\$ 7.20	\$ 6.79
40	420	Geotextile (Separator) (Non-Woven) (Wrap stabilization material with fabric) (Minimum Overlap = 24")	1,900.	Sq. Yd.	\$ 6.00	\$ 11,400.00	\$ 1.50	\$ 2,850.00	\$ 1.40	\$ 2,660.00	\$ 3.50	\$ 6,650.00	\$ 3.00	\$ 5,700.00	\$ 1.40	\$ 3.50	\$ 2.25	\$ 2.35
41	607	Line Post (Match in Kind) (6' High) (If Necessary)	3.	Each	\$ 400.00	\$ 1,200.00	\$ 200.00	\$ 600.00	\$ 20.00	\$ 60.00	\$ 300.00	\$ 900.00	\$ 250.00	\$ 750.00	\$ 20.00	\$ 300.00	\$ 225.00	\$ 192.50
42	608	Concrete Sidewalk (4" thick)	14.	Sq. Yd.	\$ 85.00	\$ 1,190.00	\$ 74.00	\$ 1,036.00	\$ 104.00	\$ 1,456.00	\$ 67.00	\$ 938.00	\$ 59.00	\$ 826.00	\$ 59.00	\$ 104.00	\$ 70.50	\$ 76.00
43	608	Concrete Curb and Gutter (Match in Kind)	170.	Lin. Ft.	\$ 27.00	\$ 4,590.00	\$ 35.00	\$ 5,950.00	\$ 30.00	\$ 5,100.00	\$ 38.00	\$ 6,460.00	\$ 35.00	\$ 5,950.00	\$ 30.00	\$ 38.00	\$ 35.00	\$ 34.50
44	608	Concrete Driveway Section (8" Thick) (Includes #5 epoxy coated rebar tie-bars @ 12" spacing) (18" long)	61.	Sq. Yd.	\$ 65.00	\$ 3,965.00	\$ 100.00	\$ 6,100.00	\$ 120.00	\$ 7,320.00	\$ 120.00	\$ 7,320.00	\$ 100.00	\$ 6,100.00	\$ 100.00	\$ 120.00	\$ 110.00	\$ 110.00
45	608	Concrete Pavement (Radiant Heating) (6" Thick) (Includes exposing existing flexible PVC hydronic heat tubing ends, connecting new tubing to existing tubing, installing new 2" thick insulation board, and #4 rebar @ 2' O.C. spacing each way) (Located at Munro Pump on 9th St.)	20.	Sq. Yd.	\$ 325.00	\$ 6,500.00	\$ 190.00	\$ 3,800.00	\$ 250.00	\$ 5,000.00	\$ 400.00	\$ 8,000.00	\$ 125.00	\$ 2,500.00	\$ 125.00	\$ 400.00	\$ 220.00	\$ 241.25
46	608	Concrete Curb, Gutter and Sidewalk (Match in Kind)	130.	Sq. Yd.	\$ 85.00	\$ 11,050.00	\$ 95.00	\$ 12,350.00	\$ 105.00	\$ 13,650.00	\$ 87.00	\$ 11,310.00	\$ 85.00	\$ 11,050.00	\$ 85.00	\$ 105.00	\$ 91.00	\$ 93.00
47	608	Concrete Drainage Pan (8" Thick) (See City Standard Detail C-12) (Includes #5 Rebar for Tie-Bars)	8.	Sq. Yd.	\$ 130.00	\$ 1,040.00	\$ 166.00	\$ 1,328.00	\$ 200.00	\$ 1,600.00	\$ 120.00	\$ 960.00	\$ 103.00	\$ 824.00	\$ 103.00	\$ 200.00	\$ 143.00	\$ 147.25
48	608	Cap Top Half of Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	3.	Each	\$ 1,200.00	\$ 3,600.00	\$ 1,408.00	\$ 4,224.00	\$ 265.00	\$ 795.00	\$ 1,200.00	\$ 3,600.00	\$ 1,320.00	\$ 3,960.00	\$ 265.00	\$ 1,408.00	\$ 1,260.00	\$ 1,048.25

Bid Summary
2018 Sewerline Replacement Project - Phase A

Bid Opening: April 13, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle SW Group, United Companies		Dirtworks Construction, LLC		Milestone Companies, LLC		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	Unit Price	Extended Price					
49	608	Encase Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	2.	Each	\$ 2,000.00	\$ 4,000.00	\$ 1,408.00	\$ 2,816.00	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00	\$ 2,260.00	\$ 4,520.00	\$ 500.00	\$ 2,260.00	\$ 1,454.00	\$ 1,417.00	
50	620	Portable Sanitary Facility	1.	Each	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00	\$ 700.00	\$ 700.00	\$ 600.00	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ 500.00	\$ 1,800.00	\$ 650.00	\$ 900.00	
51	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 20,000.00	\$ 20,000.00	\$ 8,600.00	\$ 8,600.00	\$ 9,100.00	\$ 9,100.00	\$ 10,200.00	\$ 10,200.00	\$ 9,000.00	\$ 9,000.00	\$ 8,600.00	\$ 10,200.00	\$ 9,050.00	\$ 9,225.00	
52	626	Mobilization	1.	Lump Sum	\$ 65,000.00	\$ 65,000.00	\$ 35,250.00	\$ 35,250.00	\$ 123,000.00	\$ 123,000.00	\$ 200,000.00	\$ 200,000.00	\$ 195,000.00	\$ 195,000.00	\$ 35,250.00	\$ 200,000.00	\$ 159,000.00	\$ 138,312.50	
53	629	Survey Monumentation (Complete in Place) (Reference and Reset)	2.	Each	\$ 1,500.00	\$ 3,000.00	\$ 350.00	\$ 700.00	\$ 375.00	\$ 750.00	\$ 700.00	\$ 1,400.00	\$ 1,800.00	\$ 3,600.00	\$ 350.00	\$ 1,800.00	\$ 537.50	\$ 806.25	
54	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 85,000.00	\$ 85,000.00	\$ 20,000.00	\$ 20,000.00	\$ 51,000.00	\$ 51,000.00	\$ 150,000.00	\$ 150,000.00	\$ 65,000.00	\$ 65,000.00	\$ 20,000.00	\$ 150,000.00	\$ 58,000.00	\$ 71,500.00	
55	630	Traffic Control Plan	1.	Lump Sum	\$ 750.00	\$ 750.00	\$ 250.00	\$ 250.00	\$ 100.00	\$ 100.00	\$ 4,800.00	\$ 4,800.00	\$ 3,000.00	\$ 3,000.00	\$ 100.00	\$ 4,800.00	\$ 1,625.00	\$ 2,037.50	
56	630	Flagging	1,500.	Hour	\$ 30.00	\$ 45,000.00	\$ 24.00	\$ 36,000.00	\$ 24.00	\$ 36,000.00	\$ 30.00	\$ 45,000.00	\$ 30.00	\$ 45,000.00	\$ 24.00	\$ 30.00	\$ 27.00	\$ 27.00	
57	SC 3.3.18	Quality Control Testing	1.	Lump Sum	\$ 14,000.00	\$ 14,000.00	\$ 5,000.00	\$ 5,000.00	\$ 19,000.00	\$ 19,000.00	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 5,000.00	\$ 20,000.00	\$ 16,500.00	\$ 14,500.00	
58	Pump	Bypass Sewage Pumping (At Contractors Discretion)	1.	Lump Sum	\$ 12,000.00	\$ 12,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,200.00	\$ 6,200.00	\$ 210,000.00	\$ 210,000.00	\$ 155,000.00	\$ 155,000.00	\$ 4,000.00	\$ 210,000.00	\$ 80,600.00	\$ 93,800.00	
MCR		Minor Contract Revisions	---	---	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	
TOTAL BID:						\$ 1,134,605.75		\$ 947,332.00		\$ 1,191,119.15		\$ 1,782,452.00		\$ 1,726,313.00					

[1] - corrected extension

[2] - corrected total

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
1	108.2	4" Sewer Pipe Service (SDR-35 PVC) (Includes cost of connection to the existing sewer service line)	650.	Lin. Ft.	\$ 48.00	\$ 31,200.00	\$ 58.00	\$ 37,700.00	\$ 53.80	\$ 34,970.00	\$ 53.80	\$ 58.00	\$ 55.90	\$ 55.90
2	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	2,050.	Lin. Ft.	\$ 40.00	\$ 82,000.00	\$ 45.50	\$ 93,275.00	\$ 46.70	\$ 95,735.00	\$ 45.50	\$ 46.70	\$ 46.10	\$ 46.10
3	108.2	8" Gravity Sewer Pipe (Certa-Flo Pipe) (Certa-Flo PVC Gravity Sewer Pipe) (SDR-21) (ASTM D-2241) (Joint Type: Certa-Lok Restrained Joint Integral Bell) (Includes Pipe-Bursting Installation Equipment)	1,385.	Lin. Ft.	\$ 90.00	\$ 124,650.00	\$ 90.00	\$ 124,650.00	\$ 108.00	\$ 149,580.00	\$ 90.00	\$ 108.00	\$ 99.00	\$ 99.00
4	108.2	10" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	153.	Lin. Ft.	\$ 49.00	\$ 7,497.00	\$ 55.00	\$ 8,415.00	\$ 50.00	\$ 7,650.00	\$ 50.00	\$ 55.00	\$ 52.50	\$ 52.50
5	108.2	12" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	20.	Lin. Ft.	\$ 58.00	\$ 1,160.00	\$ 100.00	\$ 2,000.00	\$ 87.50	\$ 1,750.00	\$ 87.50	\$ 100.00	\$ 93.75	\$ 93.75
6	108.2	15" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe)	20.	Lin. Ft.	\$ 65.00	\$ 1,300.00	\$ 100.00	\$ 2,000.00	\$ 94.00	\$ 1,880.00	\$ 94.00	\$ 100.00	\$ 97.00	\$ 97.00
7	108.2	Water Main (4") (C-900 PVC, DR-18) (Includes cost of connection to existing waterline / valve / fitting)	20.	Lin. Ft.	\$ 40.00	\$ 800.00	\$ 100.00	\$ 2,000.00	\$ 138.00	\$ 2,760.00	\$ 100.00	\$ 138.00	\$ 119.00	\$ 119.00
8	108.2	Water Main (6") (C-900 PVC, DR-18) (Includes cost of connection to existing waterline / valve / fitting)	72.	Lin. Ft.	\$ 38.00	\$ 2,736.00	\$ 75.00	\$ 5,400.00	\$ 50.75	\$ 3,654.00	\$ 50.75	\$ 75.00	\$ 62.88	\$ 62.88
9	108.2	Water Main (8") (C-900 PVC, DR-18) (Includes cost of connection to existing waterline / valve / fitting)	20.	Lin. Ft.	\$ 46.00	\$ 920.00	\$ 100.00	\$ 2,000.00	\$ 137.75	\$ 2,755.00	\$ 100.00	\$ 137.75	\$ 118.88	\$ 118.88
10	108.2	Water Main (10") (C-900 PVC, DR-18) (Includes cost of connection to existing waterline / valve / fitting)	440.	Lin. Ft.	\$ 41.00	\$ 18,040.00	\$ 49.00	\$ 21,560.00	\$ 42.60	\$ 18,744.00	\$ 42.60	\$ 49.00	\$ 45.80	\$ 45.80

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
11	108.2	Imported Trench Backfill (Class 3) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/ft3)	1,000.	Ton	\$ 20.00	\$ 20,000.00	\$ 15.00	\$ 15,000.00	\$ 24.28	\$ 24,280.00	\$ 15.00	\$ 24.28	\$ 19.64	\$ 19.64
12	108.3	8" x 4" Sewer Service Tap (Full Body Wye) (Includes Wye and all fittings required to align and connect the sewer service pipe to the sewer tap)	42.	Each	\$ 150.00	\$ 6,300.00	\$ 470.00	\$ 19,740.00	\$ 205.00	\$ 8,610.00	\$ 205.00	\$ 470.00	\$ 337.50	\$ 337.50
13	108.3	8" x 4" Sewer Service Tap (Tapping Saddle) (To be used on the Certa-Flo pipe) (Includes saddle and all fittings required to align and connect the sewer service pipe to the sewer tap)	41.	Each	\$ 300.00	\$ 12,300.00	\$ 445.00	\$ 18,245.00	\$ 270.00	\$ 11,070.00	\$ 270.00	\$ 445.00	\$ 357.50	\$ 357.50
14	108.3	10" x 4" Sewer Service Tap (Full Body Wye) (Includes Wye and all fittings required to align and connect the sewer service pipe to the sewer tap)	4.	Each	\$ 300.00	\$ 1,200.00	\$ 506.00	\$ 2,024.00	\$ 305.00	\$ 1,220.00	\$ 305.00	\$ 506.00	\$ 405.50	\$ 405.50
15	108.3	Sewer Service Clean-out Ring and Cover (Castings Inc. CO-8030-CI or Approved Equal) (Includes concrete collar in unpaved areas per City Std. Detail SS-07)	87.	Each	\$ 345.00	\$ 30,015.00	\$ 405.00	\$ 35,235.00	\$ 180.00	\$ 15,660.00	\$ 180.00	\$ 405.00	\$ 292.50	\$ 292.50
16	108.3	Inside Drop System (8") by RELINER/ Duran, Inc. or Approved Equal (Includes all new 316 Stainless Steel fasteners, brackets, and bolts)	1.	Each	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,750.00	\$ 1,625.00	\$ 1,625.00
17	108.3	Gate Valve (4") (MJ)	2.	Each	\$ 700.00	\$ 1,400.00	\$ 1,170.00	\$ 2,340.00	\$ 750.00	\$ 1,500.00	\$ 750.00	\$ 1,170.00	\$ 960.00	\$ 960.00
18	108.3	Gate Valve (6") (MJ)	3.	Each	\$ 900.00	\$ 2,700.00	\$ 1,337.00	\$ 4,011.00	\$ 880.00	\$ 2,640.00	\$ 880.00	\$ 1,337.00	\$ 1,108.50	\$ 1,108.50
19	108.3	Gate Valve (8") (MJ)	1.	Each	\$ 1,200.00	\$ 1,200.00	\$ 2,100.00	\$ 2,100.00	\$ 1,275.00	\$ 1,275.00	\$ 1,275.00	\$ 2,100.00	\$ 1,687.50	\$ 1,687.50
20	108.3	Gate Valve (10") (MJ)	2.	Each	\$ 1,550.00	\$ 3,100.00	\$ 2,885.00	\$ 5,770.00	\$ 1,900.00	\$ 3,800.00	\$ 1,900.00	\$ 2,885.00	\$ 2,392.50	\$ 2,392.50
21	108.3	Tee (10" x 4")	2.	Each	\$ 400.00	\$ 800.00	\$ 765.00	\$ 1,530.00	\$ 600.00	\$ 1,200.00	\$ 600.00	\$ 765.00	\$ 682.50	\$ 682.50
22	108.3	Tee (10" x 6") (Swivel Tee)	3.	Each	\$ 500.00	\$ 1,500.00	\$ 785.00	\$ 2,355.00	\$ 600.00	\$ 1,800.00	\$ 600.00	\$ 785.00	\$ 692.50	\$ 692.50

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
23	108.3	Tee (10" x 8") (Swivel Tee)	1.	Each	\$ 575.00	\$ 575.00	\$ 950.00	\$ 950.00	\$ 720.00	\$ 720.00	\$ 720.00	\$ 950.00	\$ 835.00	\$ 835.00
24	108.3	Tee (10" x 10")	1.	Each	\$ 650.00	\$ 650.00	\$ 1,050.00	\$ 1,050.00	\$ 820.00	\$ 820.00	\$ 820.00	\$ 1,050.00	\$ 935.00	\$ 935.00
25	108.3	Elbow (10" x 45-deg) (MJ)	8.	Each	\$ 325.00	\$ 2,600.00	\$ 625.00	\$ 5,000.00	\$ 525.00	\$ 4,200.00	\$ 525.00	\$ 625.00	\$ 575.00	\$ 575.00
26	108.3	Fire Hydrant Assembly	2.	Each	\$ 3,500.00	\$ 7,000.00	\$ 5,035.00	\$ 10,070.00	\$ 2,950.00	\$ 5,900.00	\$ 2,950.00	\$ 5,035.00	\$ 3,992.50	\$ 3,992.50
27	108.3	6" Offset Fittings (D=18") (MJxMJ) (Use as necessary due to a utility conflict)	4.	Each	\$ 375.00	\$ 1,500.00	\$ 585.00	\$ 2,340.00	\$ 420.00	\$ 1,680.00	\$ 420.00	\$ 585.00	\$ 502.50	\$ 502.50
28	108.3	8" Offset Fittings (D=18") (MJxMJ) (Use as necessary due to a utility conflict)	4.	Each	\$ 500.00	\$ 2,000.00	\$ 725.00	\$ 2,900.00	\$ 570.00	\$ 2,280.00	\$ 570.00	\$ 725.00	\$ 647.50	\$ 647.50
29	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes HDPE or Polypropylene manhole grade rings)	15.	Each	\$ 3,100.00	\$ 46,500.00	\$ 3,345.00	\$ 50,175.00	\$ 4,110.00	\$ 61,650.00	\$ 3,345.00	\$ 4,110.00	\$ 3,727.50	\$ 3,727.50
30	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Epoxy Coated Inverts) (Includes HDPE or Polypropylene manhole grade rings)	4.	Each	\$ 3,250.00	\$ 13,000.00	\$ 3,710.00	\$ 14,840.00	\$ 4,400.00	\$ 17,600.00	\$ 3,710.00	\$ 4,400.00	\$ 4,055.00	\$ 4,055.00
31	108.5	Manhole Barrel Section (D>5') (48" I.D.)	45.	Vert. Ft.	\$ 150.00	\$ 6,750.00	\$ 145.00	\$ 6,525.00	\$ 350.00	\$ 15,750.00	\$ 145.00	\$ 350.00	\$ 247.50	\$ 247.50
32	108.5	Connect to Existing Manhole (8" pipe)	1.	Each	\$ 725.00	\$ 725.00	\$ 215.00	\$ 215.00	\$ 750.00	\$ 750.00	\$ 215.00	\$ 750.00	\$ 482.50	\$ 482.50
33	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)	500.	Ton	\$ 28.00	\$ 14,000.00	\$ 20.00	\$ 10,000.00	\$ 41.25	\$ 20,625.00	\$ 20.00	\$ 41.25	\$ 30.63	\$ 30.63
34	202	Removal of Existing Pipe (Size & type as shown on plans)	2,250.	Lin. Ft.	\$ 2.00	\$ 4,500.00	\$ 7.50	\$ 16,875.00	\$ 5.25	\$ 11,812.50	\$ 5.25	\$ 7.50	\$ 6.38	\$ 6.38
35	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	2.	Each	\$ 100.00	\$ 200.00	\$ 130.00	\$ 260.00	\$ 125.00	\$ 250.00	\$ 125.00	\$ 130.00	\$ 127.50	\$ 127.50

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
36	202	Abandon Existing Sewer Service Tap (Use either a PVC cap or Concrete)	1.	Each	\$ 150.00	\$ 150.00	\$ 100.00	\$ 100.00	\$ 253.00	\$ 253.00	\$ 100.00	\$ 253.00	\$ 176.50	\$ 176.50
37	202	Removal of Asphalt Mat (Full Depth)	780.	Sq. Yd.	\$ 5.00	\$ 3,900.00	\$ 10.00	\$ 7,800.00	\$ 15.80	\$ 12,324.00	\$ 10.00	\$ 15.80	\$ 12.90	\$ 12.90
38	202	Removal of Asphalt Mat (Planing) (2" Thick for T-Top Section)	1,220.	Sq. Yd.	\$ 4.25	\$ 5,185.00	\$ 9.00	\$ 10,980.00	\$ 7.20	\$ 8,784.00	\$ 7.20	\$ 9.00	\$ 8.10	\$ 8.10
39	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, and landscape borders)	370.	Sq. Yd.	\$ 12.00	\$ 4,440.00	\$ 6.50	\$ 2,405.00	\$ 45.00	\$ 16,650.00	\$ 6.50	\$ 45.00	\$ 25.75	\$ 25.75
40	202	Removal of Sod	30.	Sq. Yd.	\$ 18.00	\$ 540.00	\$ 13.00	\$ 390.00	\$ 32.00	\$ 960.00	\$ 13.00	\$ 32.00	\$ 22.50	\$ 22.50
41	202	Removal of Manhole	17.	Each	\$ 750.00	\$ 12,750.00	\$ 810.00	\$ 13,770.00	\$ 500.00	\$ 8,500.00	\$ 500.00	\$ 810.00	\$ 655.00	\$ 655.00
42	202	Abandon Existing Water Valve (Close valve, remove top half of existing valve box, fill cavity to finished subgrade with flow-fill material)	1.	Each	\$ 200.00	\$ 200.00	\$ 115.00	\$ 115.00	\$ 110.00	\$ 110.00	\$ 110.00	\$ 115.00	\$ 112.50	\$ 112.50
43	202	Removal of Existing Fire Hydrant (Return Hydrant to City Water Dept.)	2.	Each	\$ 315.00	\$ 630.00	\$ 850.00	\$ 1,700.00	\$ 400.00	\$ 800.00	\$ 400.00	\$ 850.00	\$ 625.00	\$ 625.00
44	202	Removal of Existing Water Valve	6.	Each	\$ 150.00	\$ 900.00	\$ 210.00	\$ 1,260.00	\$ 210.00	\$ 1,260.00	\$ 210.00	\$ 210.00	\$ 210.00	\$ 210.00
45	202	Removal of Tree	2.	Each	\$ 200.00	\$ 400.00	\$ 550.00	\$ 1,100.00	\$ 1,150.00	\$ 2,300.00	\$ 550.00	\$ 1,150.00	\$ 850.00	\$ 850.00
46	203	Disposal of Radioactive Material (Dispose at City Shops, 333 West Ave.)	50.	Cu. Yd.	\$ 20.00	\$ 1,000.00	\$ 20.00	\$ 1,000.00	\$ 42.00	\$ 2,100.00	\$ 20.00	\$ 42.00	\$ 31.00	\$ 31.00
47	206	Structure Backfill (Flow-Fill) (As Required)	100.	Cu. Yd.	\$ 120.00	\$ 12,000.00	\$ 100.00	\$ 10,000.00	\$ 138.00	\$ 13,800.00	\$ 100.00	\$ 138.00	\$ 119.00	\$ 119.00
48	208	Storm Drain Inlet Protection (Silt-Sack) (Includes Maintenance & Removal of Debris, & Removal of Inlet Protection)	6.	Each	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00	\$ 225.00	\$ 1,350.00	\$ 200.00	\$ 225.00	\$ 212.50	\$ 212.50
49	208	Concrete Washout Facility	1.	Lump Sum	\$ 950.00	\$ 950.00	\$ 750.00	\$ 750.00	\$ 950.00	\$ 950.00	\$ 750.00	\$ 950.00	\$ 850.00	\$ 850.00

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
50	210	Repair Damage to Unlocated Irrigation Lines (Various Sizes and Materials) (1" to 15")	3.	Each	\$ 365.00	\$ 1,095.00	\$ 600.00	\$ 1,800.00	\$ 290.00	\$ 870.00	\$ 290.00	\$ 600.00	\$ 445.00	\$ 445.00
51	210	Reset Landscape Ground Cover (Landscape Rock) (Match in Kind)	30.	Sq. Yd.	\$ 35.00	\$ 1,050.00	\$ 25.00	\$ 750.00	\$ 46.50	\$ 1,395.00	\$ 25.00	\$ 46.50	\$ 35.75	\$ 35.75
52	210	Reset Sprinkler System (Complete in Place)	2.	Each	\$ 550.00	\$ 1,100.00	\$ 220.00	\$ 440.00	\$ 850.00	\$ 1,700.00	\$ 220.00	\$ 850.00	\$ 535.00	\$ 535.00
53	210	Adjust Valve Boxes to Finish Grade	2.	Each	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 250.00	\$ 200.00	\$ 200.00
54	210	Adjust Manhole Rim to Finish Grade	1.	Each	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 500.00	\$ 650.00	\$ 575.00	\$ 575.00
55	212	Sod (Includes 4" Thick of Topsoil placed prior to sod placement)	30.	Sq. Yd.	\$ 30.00	\$ 900.00	\$ 30.00	\$ 900.00	\$ 53.00	\$ 1,590.00	\$ 30.00	\$ 53.00	\$ 41.50	\$ 41.50
56	304	Aggregate Base Course (Class 6) (6" thick)	1,600.	Sq. Yd.	\$ 9.00	\$ 14,400.00	\$ 9.50	\$ 15,200.00	\$ 10.50	\$ 16,800.00	\$ 9.50	\$ 10.50	\$ 10.00	\$ 10.00
57	304	Aggregate Base Course (Class 6) (15" thick)	750.	Sq. Yd.	\$ 22.00	\$ 16,500.00	\$ 22.50	\$ 16,875.00	\$ 25.50	\$ 19,125.00	\$ 22.50	\$ 25.50	\$ 24.00	\$ 24.00
58	401	Hot Bituminous Pavement (Patching) (3" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 3" Lift)	800.	Sq. Yd.	\$ 26.50	\$ 21,200.00	\$ 51.00	\$ 40,800.00	\$ 22.00	\$ 17,600.00	\$ 22.00	\$ 51.00	\$ 36.50	\$ 36.50
59	401	Hot Bituminous Pavement (Patching) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lift Bottom Mats) (Patterson Road)	28.	Sq. Yd.	\$ 38.00	\$ 1,064.00	\$ 131.00	\$ 3,668.00	\$ 81.50	\$ 2,282.00	\$ 81.50	\$ 131.00	\$ 106.25	\$ 106.25
60	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 2" Top Mat) (T-Top)	1,425.	Sq. Yd.	\$ 14.50	\$ 20,662.50	\$ 30.00	\$ 42,750.00	\$ 15.00	\$ 21,375.00	\$ 15.00	\$ 30.00	\$ 22.50	\$ 22.50
61	407	Emulsified Asphalt (Tack Coat)	225.	Gallon	\$ 7.00	\$ 1,575.00	\$ 5.00	\$ 1,125.00	\$ 3.75	\$ 843.75	\$ 3.75	\$ 5.00	\$ 4.38	\$ 4.38

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
62	412	Concrete Pavement (8" Thick) (Alley Patching) (Patching shall be completed per City Std. Detail C-32 and includes steel tie-bars) (CDOT Class D, 4,500 psi @ 28-days) (Includes Joint Sealant)	66.	Sq. Yd.	\$ 130.00	\$ 8,580.00	\$ 130.00	\$ 8,580.00	\$ 141.00	\$ 9,306.00	\$ 130.00	\$ 141.00	\$ 135.50	\$ 135.50
63	608	Concrete Sidewalk (4" thick) (CDOT Class D, 4,500 psi @ 28-days)	8.	Sq. Yd.	\$ 85.00	\$ 680.00	\$ 105.00	\$ 840.00	\$ 292.00	\$ 2,336.00	\$ 105.00	\$ 292.00	\$ 198.50	\$ 198.50
64	608	Concrete Curb and Gutter (2' Wide) (CDOT Class D, 4,500 psi @ 28-days)	20.	Lin. Ft.	\$ 42.00	\$ 840.00	\$ 65.00	\$ 1,300.00	\$ 115.00	\$ 2,300.00	\$ 65.00	\$ 115.00	\$ 90.00	\$ 90.00
65	608	Monolithic Vertical Curb, Gutter, & Sidewalk (7' Wide) (Per City Std. Detail C-02) (CDOT Class D, 4,500 psi @ 28-days)	200.	Lin. Ft.	\$ 105.00	\$ 21,000.00	\$ 80.00	\$ 16,000.00	\$ 70.00	\$ 14,000.00	\$ 70.00	\$ 80.00	\$ 75.00	\$ 75.00
66	608	Concrete Driveway Section (8" Thick) (CDOT Class D, 4,500 psi @ 28-days) (Refer to Construction Plans for style of Driveway Section C-07, C-08, C-09)	110.	Sq. Yd.	\$ 100.00	\$ 11,000.00	\$ 135.00	\$ 14,850.00	\$ 144.00	\$ 15,840.00	\$ 135.00	\$ 144.00	\$ 139.50	\$ 139.50
67	608	Concrete Intersection Corner (Per City Std. Detail C-21, Alternate Ramp) (Match Existing Radius) (CDOT Class D, 4,500 psi @ 28-days)	29.	Sq. Yd.	\$ 115.00	\$ 3,335.00	\$ 135.00	\$ 3,915.00	\$ 170.00	\$ 4,930.00	\$ 135.00	\$ 170.00	\$ 152.50	\$ 152.50
68	608	Concrete Drainage Pan (Match in Kind) (8" Thick)	8.	Sq. Yd.	\$ 150.00	\$ 1,200.00	\$ 125.00	\$ 1,000.00	\$ 482.00	\$ 3,856.00	\$ 125.00	\$ 482.00	\$ 303.50	\$ 303.50
69	608	Detectable Warnings (Wet Set)	8.	Sq. Ft.	\$ 75.00	\$ 600.00	\$ 81.50	\$ 652.00	\$ 59.00	\$ 472.00	\$ 59.00	\$ 81.50	\$ 70.25	\$ 70.25
70	608	Cap Top Half of Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	4.	Each	\$ 1,100.00	\$ 4,400.00	\$ 1,550.00	\$ 6,200.00	\$ 302.00	\$ 1,208.00	\$ 302.00	\$ 1,550.00	\$ 926.00	\$ 926.00
71	608	Encase Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	2.	Each	\$ 1,300.00	\$ 2,600.00	\$ 2,095.00	\$ 4,190.00	\$ 550.00	\$ 1,100.00	\$ 550.00	\$ 2,095.00	\$ 1,322.50	\$ 1,322.50
72	620	Portable Sanitary Facility	1.	Each	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00	\$ 1,170.00	\$ 1,170.00	\$ 500.00	\$ 1,170.00	\$ 835.00	\$ 835.00

Bid Summary
2018 Sewerline Replacement Project - Phase B

Bid Opening: September 20, 2018

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City of Grand Junction		M.A. Concrete Construction, Inc.		Oldcastle dba United Companies		Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price				
73	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 8,000.00	\$ 8,000.00	\$ 11,000.00	\$ 11,000.00	\$ 10,800.00	\$ 10,800.00	\$ 10,800.00	\$ 11,000.00	\$ 10,900.00	\$ 10,900.00
74	626	Mobilization	1.	Lump Sum	\$ 75,000.00	\$ 75,000.00	\$ 60,000.00	\$ 60,000.00	\$ 115,000.00	\$ 115,000.00	\$ 60,000.00	\$ 115,000.00	\$ 87,500.00	\$ 87,500.00
75	629	Survey Monumentation (Complete in Place) (Reference and Reset)	1.	Each	\$ 750.00	\$ 750.00	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 450.00	\$ 450.00
76	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 45,000.00	\$ 45,000.00	\$ 37,500.00	\$ 37,500.00	\$ 24,560.00	\$ 24,560.00	\$ 24,560.00	\$ 37,500.00	\$ 31,030.00	\$ 31,030.00
77	630	Traffic Control Plan	1.	Lump Sum	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 375.00	\$ 375.00
78	630	Flagging	1,000.	Hour	\$ 24.00	\$ 24,000.00	\$ 28.00	\$ 28,000.00	\$ 28.00	\$ 28,000.00	\$ 28.00	\$ 28.00	\$ 28.00	\$ 28.00
79	SC 3.3.18	Quality Control Testing	1.	Lump Sum	\$ 9,500.00	\$ 9,500.00	\$ 5,000.00	\$ 5,000.00	\$ 25,000.00	\$ 25,000.00	\$ 5,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00
80	Pump	Bypass Sewage Pumping (As deemed necessary by Contractor)	1.	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 3,150.00	\$ 3,150.00	\$ 11,000.00	\$ 11,000.00	\$ 3,150.00	\$ 11,000.00	\$ 7,075.00	\$ 7,075.00
MCR		Minor Contract Revisions	---	---	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
TOTAL BID:						\$ 875,394.50		\$ 986,605.00		\$ 1,039,520.25				

[1] - corrected extension

[2] - corrected total

Bid Summary
2019 Sewer Line Replacement Project - Phase B
 Bid Opening: August 7, 2019
 By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City Engineering		K&D Construction, Inc.		M.A. Concrete Construction, Inc.		Oldcastle SW Group, Inc. (dba United Co.)		Sorter Construction, Inc.		Dirtworks Construction, LLC		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	Unit Price	Extended Price	Unit Price	Extended Price				
1	108.2	4" Sewer Pipe Service (SDR-35 PVC) (Includes cost of connection to the existing sewer service line)	2,371.	Lin. Ft.	\$ 44.00	\$ 104,324.00	\$ 21.40	\$ 50,739.40	\$ 33.00	\$ 78,243.00	\$ 58.65	\$ 139,059.15	\$ 66.00	\$ 156,486.00	\$ 51.25	\$ 121,513.75 [1]	\$ 21.40	\$ 66.00	\$ 51.25	\$ 46.06
2	108.2	6" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and/or manhole) (Use MaxAdaptor Coupling for pipe connection or approved equal)	5.	Lin. Ft.	\$ 75.00	\$ 375.00	\$ 104.50	\$ 522.50	\$ 275.00	\$ 1,375.00	\$ 140.00	\$ 700.00	\$ 300.00	\$ 1,500.00	\$ 150.00	\$ 750.00	\$ 104.50	\$ 300.00	\$ 150.00	\$ 193.90
3	108.2	8" Gravity Sewer Pipe (SDR-35 PVC) (Includes cost of connection to the existing sewer pipe and/or manhole) (Use MaxAdaptor Coupling for pipe connection or approved equal)	6,723.	Lin. Ft.	\$ 50.00	\$ 336,150.00	\$ 25.50	\$ 171,436.50	\$ 29.00	\$ 194,967.00	\$ 56.30	\$ 378,504.90	\$ 61.00	\$ 410,103.00	\$ 52.00	\$ 349,596.00	\$ 25.50	\$ 61.00	\$ 52.00	\$ 44.76
4	108.2	Imported Trench Backfill (Class 3) (Includes haul and disposal of unsuitable excavated material) (Assumed material unit weight = 133 lbs/ft3)	11,100.	Ton	\$ 16.00	\$ 177,600.00	\$ 21.60	\$ 239,760.00	\$ 22.00	\$ 244,200.00	\$ 14.00	\$ 155,400.00	\$ 21.00	\$ 233,100.00	\$ 18.50	\$ 205,350.00	\$ 14.00	\$ 22.00	\$ 21.00	\$ 19.42
5	108.3	8" x 4" Sewer Service Tap (Full Body Wye w/ Street 45-deg.) (Includes full body wye, and all fittings required to align and connect into the existing sewer service pipe at the locations shown on the plans) (See City Std. Detail SS-06)	107.	Each	\$ 160.00	\$ 17,120.00	\$ 72.65	\$ 7,773.55	\$ 165.00	\$ 17,655.00	\$ 180.00	\$ 19,260.00	\$ 203.00	\$ 21,721.00	\$ 150.00	\$ 16,050.00	\$ 72.65	\$ 203.00	\$ 165.00	\$ 154.13
6	108.3	Install 2-way Sewer Service Cleanout and Ring and Cover (Castings Inc. CO-8030-CI or Approved Equal) (Includes concrete collar in unpaved areas per City Std. Detail SS-07)	107.	Each	\$ 450.00	\$ 48,150.00	\$ 164.00	\$ 17,548.00	\$ 305.00	\$ 32,635.00	\$ 250.00	\$ 26,750.00	\$ 500.00	\$ 53,500.00	\$ 850.00	\$ 90,950.00	\$ 164.00	\$ 850.00	\$ 305.00	\$ 413.80
7	108.3	Install 8" 90-Degree Sweep Elbow Sewer Service Cleanout (One-Way) and Ring and Cover (Castings Inc. CO-8030-CI or Approved Equal) (Formay Ave.) (This clean-out is a substitute for the manhole E2-291-014 shown in the plans)	1.	Each	\$ 550.00	\$ 550.00	\$ 373.30	\$ 373.30	\$ 990.00	\$ 990.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,200.00	\$ 1,200.00	\$ 373.30	\$ 1,200.00	\$ 500.00	\$ 712.66
8	108.3	End Cap/Plug (Size as shown on plans)	2.	Each	\$ 100.00	\$ 200.00	\$ 156.25	\$ 312.50	\$ 265.00	\$ 530.00	\$ 200.00	\$ 400.00	\$ 500.00	\$ 1,000.00	\$ 400.00	\$ 800.00	\$ 156.25	\$ 500.00	\$ 265.00	\$ 304.25
9	108.3	Inside Drop System (8") by RELINER/ Duran, Inc. or Approved Equal (Includes all new 316 Stainless Steel fasteners, brackets, and bolts)	3.	Each	\$ 1,500.00	\$ 4,500.00	\$ 642.50	\$ 1,927.50	\$ 1,450.00	\$ 4,350.00	\$ 850.00	\$ 2,550.00	\$ 1,000.00	\$ 3,000.00	\$ 1,275.00	\$ 3,825.00	\$ 642.50	\$ 1,450.00	\$ 1,000.00	\$ 1,043.50
10	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes connection of adjacent sewer line, forming inverts and adjusting to final grade. (See City Std. Detail SS-02)	25.	Each	\$ 3,750.00	\$ 93,750.00	\$ 4,149.50	\$ 103,737.50	\$ 3,800.00	\$ 95,000.00	\$ 4,650.00	\$ 116,250.00	\$ 3,400.00	\$ 85,000.00	\$ 4,500.00	\$ 112,500.00	\$ 3,400.00	\$ 4,650.00	\$ 4,149.50	\$ 4,099.90
11	108.5	Manhole Barrel Section (D>5") (48" I.D.)	99.	Vert. Ft.	\$ 180.00	\$ 17,820.00	\$ 276.40	\$ 27,363.60	\$ 150.00	\$ 14,850.00	\$ 145.00	\$ 14,355.00	\$ 250.00	\$ 24,750.00	\$ 150.00	\$ 14,850.00	\$ 145.00	\$ 276.40	\$ 150.00	\$ 194.28
12	108.5	Connect to Existing Manhole (8" pipe) (Core through manhole D2-302-056 in D 1/2 Road)	1.	Each	\$ 1,200.00	\$ 1,200.00	\$ 420.25	\$ 420.25	\$ 3,303.00	\$ 3,303.00	\$ 1,300.00	\$ 1,300.00	\$ 1,600.00	\$ 1,600.00	\$ 1,800.00	\$ 1,800.00	\$ 420.25	\$ 3,303.00	\$ 1,600.00	\$ 1,684.65
13	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)	2,800.	Ton	\$ 24.00	\$ 67,200.00	\$ 23.95	\$ 67,060.00	\$ 22.00	\$ 61,600.00	\$ 25.00	\$ 70,000.00	\$ 25.00	\$ 70,000.00	\$ 22.50	\$ 63,000.00	\$ 22.00	\$ 25.00	\$ 23.95	\$ 23.69
14	202	Abandon Pipe (Abandon pipe by plugging ends with concrete)	24.	Each	\$ 102.50	\$ 2,460.00	\$ 53.65	\$ 1,287.60	\$ 215.00	\$ 5,160.00	\$ 120.00	\$ 2,880.00	\$ 250.00	\$ 6,000.00	\$ 325.00	\$ 7,800.00	\$ 53.65	\$ 325.00	\$ 215.00	\$ 192.73
15	202	Abandon Manhole (Remove cone section, ring & cover, and fill remaining barrel sections with flow-fill material)	1.	Each	\$ 225.00	\$ 225.00	\$ 1,804.00	\$ 1,804.00	\$ 1,100.00	\$ 1,100.00	\$ 1,250.00	\$ 1,250.00	\$ 1,700.00	\$ 1,700.00	\$ 1,500.00	\$ 1,500.00	\$ 1,100.00	\$ 1,804.00	\$ 1,500.00	\$ 1,470.80

Bid Summary
2019 Sewer Line Replacement Project - Phase B

Bid Opening: August 7, 2019

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City Engineering		K&D Construction, Inc.		M.A. Concrete Construction, Inc.		Oldcastle SW Group, Inc. (dba United Co.)		Sorter Construction, Inc.		Dirtworks Construction, LLC		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	Unit Price	Extended Price	Unit Price	Extended Price				
16	202	Removal of Existing Pipe (Size & type as shown on plans)	9,020.	Lin. Ft.	\$ 2.00	\$ 18,040.00	\$ 3.40	\$ 30,668.00	\$ 5.00	\$ 45,100.00	\$ 2.80	\$ 25,256.00	\$ 2.00	\$ 18,040.00	\$ 4.00	\$ 36,080.00	\$ 2.00	\$ 5.00	\$ 3.40	\$ 3.44
17	202	Removal of Asphalt Mat (Full Depth)	5,104.	Sq. Yd.	\$ 5.00	\$ 25,520.00	\$ 4.85	\$ 24,754.40	\$ 4.50	\$ 22,968.00	\$ 4.85	\$ 24,754.40	\$ 8.00	\$ 40,832.00	\$ 3.75	\$ 19,140.00	\$ 3.75	\$ 8.00	\$ 4.85	\$ 5.19
18	202	Removal of Asphalt Mat (Planing) (2" Thick for T-Top Section)	389.	Sq. Yd.	\$ 5.50	\$ 2,139.50	\$ 21.15	\$ 8,227.35	\$ 4.00	\$ 1,556.00	\$ 23.00	\$ 8,947.00	\$ 10.00	\$ 3,890.00	\$ 19.75	\$ 7,682.75	\$ 4.00	\$ 23.00	\$ 19.75	\$ 15.58
19	202	Removal of Concrete (Includes, but not limited to, curb, gutter, sidewalk, driveway, slabs, V-pans, curb ramps, intersection corners, aprons, landscape borders, and concrete walls)	101.	Sq. Yd.	\$ 2.65	\$ 267.65	\$ 44.55	\$ 4,499.55	\$ 6.00	\$ 606.00	\$ 40.00	\$ 4,040.00	\$ 16.00	\$ 1,616.00	\$ 15.00	\$ 1,515.00	\$ 6.00	\$ 44.55	\$ 16.00	\$ 24.31
20	202	Removal of Shrub	1.	Each	\$ 50.00	\$ 50.00	\$ 154.00	\$ 154.00	\$ 100.00	\$ 100.00	\$ 250.00	\$ 250.00	\$ 50.00	\$ 50.00	\$ 300.00	\$ 300.00	\$ 50.00	\$ 300.00	\$ 154.00	\$ 170.80
21	202	Removal of Sod	441.	Sq. Ft.	\$ 6.10	\$ 2,690.10	\$ 3.20	\$ 1,411.20	\$ 0.50	\$ 220.50	\$ 1.75	\$ 771.75	\$ 0.50	\$ 220.50	\$ 2.00	\$ 882.00	\$ 0.50	\$ 3.20	\$ 1.75	\$ 1.59
22	202	Removal of Manhole (Price to include plugging existing abandoned pipes, if any, and removal and disposal of concrete sections)	26.	Each	\$ 550.00	\$ 14,300.00	\$ 577.30	\$ 15,009.80	\$ 1,000.00	\$ 26,000.00	\$ 400.00	\$ 10,400.00	\$ 500.00	\$ 13,000.00	\$ 450.00	\$ 11,700.00	\$ 400.00	\$ 1,000.00	\$ 500.00	\$ 585.46
23	203	Disposal of Radioactive Material (Dispose at City Shops, 333 West Ave.) (If necessary)	50.	Cu. Yd.	\$ 19.00	\$ 950.00	\$ 27.30	\$ 1,365.00	\$ 13.00	\$ 650.00	\$ 50.00	\$ 2,500.00	\$ 20.00	\$ 1,000.00	\$ 21.00	\$ 1,050.00	\$ 13.00	\$ 50.00	\$ 21.00	\$ 26.26
24	206	Structure Backfill (Flow-Fill) (If Necessary)	20.	Cu. Yd.	\$ 105.00	\$ 2,100.00	\$ 179.30	\$ 3,586.00	\$ 85.00	\$ 1,700.00	\$ 140.00	\$ 2,800.00	\$ 150.00	\$ 3,000.00	\$ 105.00	\$ 2,100.00	\$ 85.00	\$ 179.30	\$ 140.00	\$ 131.86
25	208	Storm Drain Inlet Protection (Gravel Filter at Curb Inlet) (Includes Maintenance & Removal of Debris, & Removal of Inlet Protection)	7.	Each	\$ 150.00	\$ 1,050.00	\$ 406.95	\$ 2,848.65	\$ 170.00	\$ 1,190.00	\$ 180.00	\$ 1,260.00	\$ 500.00	\$ 3,500.00	\$ 250.00	\$ 1,750.00	\$ 170.00	\$ 500.00	\$ 250.00	\$ 301.39
26	208	Concrete Washout Facility	1.	Lump Sum	\$ 800.00	\$ 800.00	\$ 1,364.00	\$ 1,364.00	\$ 500.00	\$ 500.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00	\$ 900.00	\$ 952.80
27	210	Reset Landscape Ground Cover (Match in Kind) (Contractor shall remove ground cover and underlying weed barrier as needed and stockpile materials. Contractor shall reset these materials and provide additional materials as needed)	288.	Sq. Ft.	\$ 10.00	\$ 2,880.00	\$ 7.50	\$ 2,160.00	\$ 9.00	\$ 2,592.00	\$ 2.75	\$ 792.00	\$ 7.00	\$ 2,016.00	\$ 18.75	\$ 5,400.00	\$ 2.75	\$ 18.75	\$ 7.50	\$ 9.00
28	210	Reset Sprinkler System (Complete in Place) (Various Locations)	1.	Lump Sum	\$ 2,000.00	\$ 2,000.00	\$ 2,030.00	\$ 2,030.00	\$ 800.00	\$ 800.00	\$ 1,500.00	\$ 1,500.00	\$ 1,600.00	\$ 1,600.00	\$ 10,000.00	\$ 10,000.00	\$ 800.00	\$ 10,000.00	\$ 1,600.00	\$ 3,186.00
29	210	Reset Guardrail	70.	Lin. Ft.	\$ 60.00	\$ 4,200.00	\$ 99.75	\$ 6,982.50	\$ 200.00	\$ 14,000.00	\$ 93.00	\$ 6,510.00	\$ 50.00	\$ 3,500.00	\$ 149.00	\$ 10,430.00	\$ 50.00	\$ 200.00	\$ 99.75	\$ 118.35
30	210	Reset Fence (All types)	40.	Lin. Ft.	\$ 20.00	\$ 800.00	\$ 40.70	\$ 1,628.00	\$ 20.00	\$ 800.00	\$ 55.25	\$ 2,210.00	\$ 10.00	\$ 400.00	\$ 24.50	\$ 980.00	\$ 10.00	\$ 55.25	\$ 24.50	\$ 30.09
31	212	Re-Sod Area as Shown (Includes 6" Thick Imported Topsoil placed prior to sod placement)	441.	Sq. Ft.	\$ 3.25	\$ 1,433.25	\$ 6.35	\$ 2,800.35	\$ 3.00	\$ 1,323.00	\$ 5.00	\$ 2,205.00	\$ 8.00	\$ 3,528.00	\$ 7.00	\$ 3,087.00	\$ 3.00	\$ 8.00	\$ 6.35	\$ 5.87
32	304	Aggregate Base Course (Class 6) (6" thick) (Shoulder Base)	410.	Sq. Yd.	\$ 9.75	\$ 3,997.50	\$ 12.10	\$ 4,961.00	\$ 11.00	\$ 4,510.00	\$ 5.10	\$ 2,091.00	\$ 8.00	\$ 3,280.00	\$ 22.00	\$ 9,020.00	\$ 5.10	\$ 22.00	\$ 11.00	\$ 11.64
33	304	Aggregate Base Course (Class 6) (15" thick)	4,181.	Sq. Yd.	\$ 18.00	\$ 75,258.00	\$ 18.30	\$ 76,512.30	\$ 17.00	\$ 71,077.00	\$ 29.00	\$ 121,249.00	\$ 18.00	\$ 75,258.00	\$ 24.00	\$ 100,344.00	\$ 17.00	\$ 29.00	\$ 18.30	\$ 21.26
34	401	Hot Bituminous Pavement (Patching) (2" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 2" Top Mat) (T-Top)	2,250.	Sq. Yd.	\$ 18.00	\$ 40,500.00	\$ 11.45	\$ 25,762.50	\$ 15.00	\$ 33,750.00	\$ 16.35	\$ 36,787.50	\$ 20.00	\$ 45,000.00	\$ 18.00	\$ 40,500.00	\$ 11.45	\$ 20.00	\$ 16.35	\$ 16.16
35	401	Hot Bituminous Pavement (Patching) (3" Thick) (Grading SX, PG 64-22) (GYR.=75) (One 3" Lift Bottom Mat)	2,525.	Sq. Yd.	\$ 26.25	\$ 66,281.25	\$ 28.90	\$ 72,972.50	\$ 35.00	\$ 88,375.00	\$ 25.15	\$ 63,503.75	\$ 31.00	\$ 78,275.00	\$ 28.00	\$ 70,700.00	\$ 25.15	\$ 35.00	\$ 28.90	\$ 29.61

Bid Summary
2019 Sewer Line Replacement Project - Phase B
 Bid Opening: August 7, 2019
 By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	Estimate - City Engineering		K&D Construction, Inc.		M.A. Concrete Construction, Inc.		Oldcastle SW Group, Inc. (dba United Co.)		Sorter Construction, Inc.		Dirtworks Construction, LLC		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	Unit Price	Extended Price	Unit Price	Extended Price				
36	401	Hot Bituminous Pavement (Patching) (4" Thick) (Grading SX, PG 64-22) (GYR.=75) (2" Bottom Mat, 2" Top Mat)	2,800.	Sq. Yd.	\$ 36.00	\$ 100,800.00	\$ 28.10	\$ 78,680.00	\$ 34.00	\$ 95,200.00	\$ 27.55	\$ 77,140.00	\$ 42.00	\$ 117,600.00	\$ 38.00	\$ 106,400.00	\$ 27.55	\$ 42.00	\$ 34.00	\$ 33.93
37	407	Emulsified Asphalt (Tack Coat)	900.	Gallon	\$ 6.70	\$ 6,030.00	\$ 3.30	\$ 2,970.00	\$ 4.00	\$ 3,600.00	\$ 2.40	\$ 2,160.00	\$ 8.00	\$ 7,200.00	\$ 7.00	\$ 6,300.00	\$ 2.40	\$ 8.00	\$ 4.00	\$ 4.94
38	608	Concrete Drainage Pan (4' Wide) (Match in Kind)	8.	Sq. Yd.	\$ 124.00	\$ 992.00	\$ 296.00	\$ 2,368.00	\$ 235.00	\$ 1,880.00	\$ 186.00	\$ 1,488.00	\$ 150.00	\$ 1,200.00	\$ 120.00	\$ 960.00	\$ 120.00	\$ 296.00	\$ 186.00	\$ 197.40
39	608	Monolithic Drive Over Curb, Gutter, and Sidewalk (Match Existing Width)	68.	Sq. Yd.	\$ 80.00	\$ 5,440.00	\$ 115.35	\$ 7,843.80	\$ 150.00	\$ 10,200.00	\$ 146.00	\$ 9,928.00	\$ 84.00	\$ 5,712.00	\$ 89.00	\$ 6,052.00	\$ 84.00	\$ 150.00	\$ 115.35	\$ 116.87
40	608	Monolithic Vertical Curb, Gutter, and Sidewalk (Match Existing Width)	10.	Sq. Yd.	\$ 80.00	\$ 800.00	\$ 146.10	\$ 1,461.00	\$ 180.00	\$ 1,800.00	\$ 189.00	\$ 1,890.00	\$ 92.50	\$ 925.00	\$ 92.00	\$ 920.00	\$ 92.00	\$ 189.00	\$ 146.10	\$ 139.92
41	608	Concrete Curb and Gutter (2' Wide) (Match in Kind)	10.	Lin. Ft.	\$ 80.00	\$ 800.00	\$ 203.50	\$ 2,035.00	\$ 90.00	\$ 900.00	\$ 70.00	\$ 700.00	\$ 42.00	\$ 420.00	\$ 51.00	\$ 510.00	\$ 42.00	\$ 203.50	\$ 70.00	\$ 91.30
42	608	Concrete Pavement (8" Thick) (CDOT Class D, 4500 psi Mix at 28-days)	15.	Sq. Yd.	\$ 140.00	\$ 2,100.00	\$ 242.55	\$ 3,638.25	\$ 165.00	\$ 2,475.00	\$ 185.00	\$ 2,775.00	\$ 190.00	\$ 2,850.00	\$ 98.00	\$ 1,470.00	\$ 98.00	\$ 242.55	\$ 185.00	\$ 176.11
43	608	Bituminous Sidewalk (3" Thick)	7.	Sq. Yd.	\$ 60.00	\$ 420.00	\$ 925.40	\$ 6,477.80	\$ 1,100.00	\$ 7,700.00	\$ 68.00	\$ 476.00	\$ 77.00	\$ 539.00	\$ 89.00	\$ 623.00	\$ 68.00	\$ 1,100.00	\$ 89.00	\$ 451.88
44	608	Cap Top Half of Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	1.	Each	\$ 1,500.00	\$ 1,500.00	\$ 781.00	\$ 781.00	\$ 2,050.00	\$ 2,050.00	\$ 500.00	\$ 500.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,200.00	\$ 500.00	\$ 2,050.00	\$ 1,200.00	\$ 1,226.20
45	608	Encase Sewer Pipe in Concrete per City Std. Detail GU-04 (20' long) (If necessary)	1.	Each	\$ 2,000.00	\$ 2,000.00	\$ 1,325.50	\$ 1,325.50	\$ 2,475.00	\$ 2,475.00	\$ 1,000.00	\$ 1,000.00	\$ 4,300.00	\$ 4,300.00	\$ 1,800.00	\$ 1,800.00	\$ 1,000.00	\$ 4,300.00	\$ 1,800.00	\$ 2,180.10
46	620	Portable Sanitary Facility	1.	Each	\$ 750.00	\$ 750.00	\$ 770.00	\$ 770.00	\$ 600.00	\$ 600.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 600.00	\$ 1,000.00	\$ 800.00	\$ 794.00
47	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ 18,000.00	\$ 18,000.00	\$ 16,120.00	\$ 16,120.00	\$ 23,220.00	\$ 23,220.00	\$ 18,250.00	\$ 18,250.00	\$ 19,000.00	\$ 19,000.00	\$ 20,000.00	\$ 20,000.00	\$ 16,120.00	\$ 23,220.00	\$ 19,000.00	\$ 19,318.00
48	626	Mobilization	1.	Lump Sum	\$ 95,000.00	\$ 95,000.00	\$ 47,422.00	\$ 47,422.00	\$ 69,400.50	\$ 69,400.50	\$ 145,000.00	\$ 145,000.00	\$ 42,000.00	\$ 42,000.00	\$ 275,000.00	\$ 275,000.00	\$ 42,000.00	\$ 275,000.00	\$ 69,400.50	\$ 115,764.50
49	630	Traffic Control Plan	1.	Lump Sum	\$ 500.00	\$ 500.00	\$ 208.00	\$ 208.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 900.00	\$ 900.00	\$ 1,500.00	\$ 1,500.00	\$ 208.00	\$ 1,500.00	\$ 900.00	\$ 881.60
50	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ 44,000.00	\$ 44,000.00	\$ 19,698.00	\$ 19,698.00	\$ 37,800.00	\$ 37,800.00	\$ 49,700.00	\$ 49,700.00	\$ 32,350.00	\$ 32,350.00	\$ 68,000.00	\$ 68,000.00	\$ 19,698.00	\$ 68,000.00	\$ 37,800.00	\$ 41,509.60
51	630	Flagging	1,400.	Hour	\$ 29.00	\$ 40,600.00	\$ 24.95	\$ 34,930.00	\$ 30.00	\$ 42,000.00	\$ 26.50	\$ 37,100.00	\$ 29.50	\$ 41,300.00	\$ 26.00	\$ 36,400.00	\$ 24.95	\$ 30.00	\$ 26.50	\$ 27.39
52	SC 3.3.18	Quality Control Testing	1.	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 12,480.00	\$ 12,480.00	\$ 15,000.00	\$ 15,000.00	\$ 18,160.00	\$ 18,160.00	\$ 18,000.00	\$ 18,000.00	\$ 24,000.00	\$ 24,000.00	\$ 12,480.00	\$ 24,000.00	\$ 18,000.00	\$ 17,528.00
53	Pump	Bypass Sewage Pumping (At Contractors Discretion)	1.	Lump Sum	\$ 6,250.00	\$ 6,250.00	\$ 7,180.00	\$ 7,180.00	\$ 2,400.00	\$ 2,400.00	\$ 17,200.00	\$ 17,200.00	\$ 25,000.00	\$ 25,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,400.00	\$ 25,000.00	\$ 7,180.00	\$ 11,356.00
MCR		Minor Contract Revisions	---	---	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	
TOTAL BID:						\$ 1,542,863.25	\$ 1,303,151.65	\$ 1,468,476.00	[2]	\$ 1,708,153.45	\$ 1,765,161.50	\$ 1,957,580.50								

[1] - corrected extension
 [2] - corrected total