



Purchasing Division

ADDENDUM NO. 1

DATE: January 29, 2020
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: River Bend Lift Station Elimination Project
IFB-4744-20-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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.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. Would the Castagra product be considered an approved equal to the Quadex GeoKrete geopolymer?

A. *No. Due to the high groundwater table and the potential for residual moisture in the new manholes, this Project will stay with using a geopolymer material per Special Provision #5 for the Manhole Corrosion Protection pay item.*

2. Q. Bid item #8 – bid says 12, plans show 13 total. Page 8=1, page 9=3, page 10=3, page 11=5, page 12=1?

A. *The correct quantity for bid item #8 is 13. The bid schedule has been updated and is attached to this Addendum. Contractor shall utilize this updated Price Bid Schedule when submitting their bid response.*

3. Q. Since the plans call for SDR-26 10" pipe, do the 10" fittings need to be SDR-26 too?

A. *Per City Standard Detail SS-04, the fittings for drop manholes are to be supported by a brick or cement block and be backfilled with flow-fill. Construction note #402, Structure Backfill (Flow-Fill), shown on the plans for the Contractor to backfill the drop fittings in flow-fill. As a result, the 8-inch and 10-inch pipe drop fittings can remain SDR-35 fittings since they will be supported underneath with a block and be backfilled with flow-fill.*

4. Q. 15" Max-Adapters are not available. What type of repair sleeve would you prefer for the irrigation?

A. *A Dresser style bolted coupling for use with PVC pipe will be approved by the City for repairing the 15-inch irrigation pipeline.*

5. Q. Are the quantities of drop manholes vs. standard manholes correct? It appears that manhole C4-311-013 is also a drop manhole. 9-ft drop.
- A. *Yes, the quantities are correct for drop manholes vs. standard manholes. The proposed new manhole for C4-311-013 is called out as a drop manhole on the plans. See construction notes #302 and #308.*
6. Q. What are the compaction requirements for the sewer trenches in the undeveloped areas of the project?
- A. *The new sewer lines being installed as part of this project are all within City roadway right-of-way limits. As a result, the sewer trench compaction requirements shall be per trench backfill compaction requirements for within right-of-way, which is 95% minimum per AASHTO T-99 and T 310. See Table 101 for compaction requirements and test frequencies within the City's Standard Specifications for the Construction of Underground Utilities.*
7. Q. Would the City consider using a different roadway material at the south end of Dry Fork Way instead of the asphalt patching as shown in the plans on sheet 8?
- A. *No. Even though it's a small amount of asphalt patching, the City wants to keep this turnaround area asphalt.*
8. Q. At the River Trail lift station, what is the size of the existing force-main piping? Does the City know which side of the existing manhole the force-main is located? Lastly, if the force-main has to be cut for the contractor to install a trench box for the installation of the new sewer pipe, will the City provide a vactor truck to keep the River Trail lift station wet well drained?
- A. *City GIS labels the River Trail lift station force-main as 6-inch PVC pipe. The as-built sewer plans for the River Trail Subdivision also label the force-main pipe as 6-inch. In addition, the River Trail Subdivision sewer as-built plans show the 6-inch force-main pipe being located on the east side of existing manhole C4-311-037.*
9. Bid Item #22 has been updated for the shed removal. An updated Bid Schedule is attached to this Addendum.

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: River Bend Lift Station Elimination Project

ADDENDUM #1

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total 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.	\$ _____	\$ _____
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.	\$ _____	\$ _____
3	108.2	Imported Trench Backfill (Class 3) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/ft ³)	3,000.	Ton	\$ _____	\$ _____
4	108.3	8" 1/4 Bend Long Elbow (90-degree) (GxG)	4.	Each	\$ _____	\$ _____
5	108.3	8" x 8" Combo Wye & 1/8 Bend Fitting (Full Body Wye) (GxGxG) (Includes 1/8 Bend Elbow)	2.	Each	\$ _____	\$ _____
6	108.3	10" x 8" Combo Wye & 1/8 Fitting (Full Body Wye) (GxGxG) (Includes 1/8 Bend Elbow)	4.	Each	\$ _____	\$ _____
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	\$ _____	\$ _____
8	108.3	8" End Cap/Plug (Includes 4-ft long 4x4 wood post) (To be used on "shallow" sewer pipe stubouts)	13.	Each	\$ _____	\$ _____
9	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Includes Manhole Waterproofing, grade rings, and MH-310-24 CI covers)	6.	Each	\$ _____	\$ _____
10	108.5	Sanitary Sewer Basic Drop Manhole (48" I.D.) (Includes Manhole Waterproofing, grade rings, and MH-310-24 CI covers)	6.	Each	\$ _____	\$ _____
11	108.5	Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	36.	Vert. Ft.	\$ _____	\$ _____
12	108.5	Drop Manhole Barrel Section (D>5') (48" I.D.) (Includes Manhole Waterproofing)	77.	Vert. Ft.	\$ _____	\$ _____

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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	\$ _____	\$ _____
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	\$ _____	\$ _____
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/ft ³)	300.	Ton	\$ _____	\$ _____
16	201	Clearing and Grubbing (Includes trees, bushes, and grasses)	1.	Lump Sum	\$ _____	\$ _____
17	202	Removal of Existing Pipe (Size & type as shown on plans)	870.	Lin. Ft.	\$ _____	\$ _____
18	202	Removal of Asphalt Mat (Full Depth)	56.	Sq. Yd.	\$ _____	\$ _____
19	202	Removal of Manhole	6.	Each	\$ _____	\$ _____
20	202	Removal of Concrete Wet Well (6-ft dia., Approx. 12-ft deep)	1.	Lump Sum	\$ _____	\$ _____
21	202	Removal of Groundwater Well Point	1.	Each	\$ _____	\$ _____
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	\$ _____	\$ _____
23	206	Structure Backfill (Flow-Fill)	70.	Cu. Yd.	\$ _____	\$ _____
24	208	Vehicle Tracking Pad	2.	Each	\$ _____	\$ _____
25	210	Repair Lateral 110 Irrigation Pipe (15" Pipe) (Includes PVC pipe, pipe bedding, and two dresser style couplings)	1.	Lump Sum	\$ _____	\$ _____
26	210	Reset Fence (Wire Fence)	140.	Lin. Ft.	\$ _____	\$ _____
27	304	Aggregate Base Course (Class 6) (12" thick)	56.	Sq. Yd.	\$ _____	\$ _____

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
28	401	Hot Bituminous Pavement (Patching) (4 " Thick) (Grading SX, PG 64-22) (GYR.=75) (Two 2" Lifts)	56.	Sq. Yd.	\$ _____	\$ _____
29	407	Emulsified Asphalt (Tack Coat)	12.	Gallon	\$ _____	\$ _____
30	420	Geotextile (Separator) (Non-Woven) (Wrap stabilization material with fabric) (Minimum Overlap = 24")	835.	Sq. Yd.	\$ _____	\$ _____
31	620	Portable Sanitary Facility	1.	Each	\$ _____	\$ _____
32	625	Construction Surveying (Includes As-Built Drawings)	1.	Lump Sum	\$ _____	\$ _____
33	626	Mobilization	1.	Lump Sum	\$ _____	\$ _____
34	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
35	630	Traffic Control Plan	1.	Lump Sum	\$ _____	\$ _____
36	SC 3.3.18	Backfill Compaction Tests (Includes Proctor Test) (Quality Control Testing)	22.	Each	\$ _____	\$ _____
37	SC 3.3.18	Aggregate Base Course Density Tests (Includes Proctor Test) (Quality Control Testing)	1.	Each	\$ _____	\$ _____
38	SC 3.3.18	Hot Bituminous Density Tests (Quality Control Testing)	1.	Each	\$ _____	\$ _____
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	\$ _____	\$ _____
40	SP	Manhole Corrosion Protection (Geopolymer Liner)	130.	Vert. Ft.	\$ _____	\$ _____
41	SP	Dewatering Trenches (Includes CDPHE Dewatering Permit)	1.	Lump Sum	\$ _____	\$ _____
42	SP	Rock Excavation	120.	Cu. Yd.	\$ _____	\$ _____

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
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	\$ _____	\$ _____
44	Pump	Bypass Pumping (Wastewater) (As deemed necessary by Contractor)	1.	Lump Sum	\$ _____	\$ _____
45	Pump	Groundwater Retention Ponds (Includes grading the retention ponds to the contours shown on the Plans)	1.	Lump Sum	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ 80,000.00
Bid Amount:						\$ _____

Bid Amount:

dollars

Contractor Name:
Contractor Address:
Contractor Phone #: