Purchasing Division

ADDENDUM NO. 2

DATE: **November 27, 2023**
FROM: **City of Grand Junction Purchasing Division**
TO: **All Offerors**
RE: **F ½ Road Parkway Phase 1**

Note: Links in this Addendum work best when opened in Edge.

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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.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. **Question:** Water: There are a few items for water line construction, but all the water plans state “By Others”. Can we have clarification on where in the plan set this work is shown?
   Answer: This question was clarified in the answer to question #11 in Addendum #1. Bid Line Items 8-11 are new items and refer to a fire hydrant & valve that is to be relocated. The hydrant & valve to be removed and replaced is shown on the Removal Plans (Sheet 18), as well as in the Utility Plans (Sheet 28). The location of the relocated fire hydrant is the NE corner of the intersection of F 1/2 Road & Market Street. The Contractor will tap and install the valve and hydrant. The Contractor is to coordinate with Ute Water prior to installation.

2. **Question:** Storm: It appears that the quantities for storm manholes and storm water quality vaults may be incorrect. The plans are only showing 3 manholes and 2 water quality vaults between pages 55 and 63. Can we get a double check on these quantities?
   Answer: Sheets 55-63 show a total of 5 storm manholes and 2 water quality manholes. The Addendum #1 revisions to the storm drain plan and profile sheets reflect the reduced number of water quality manholes from 3 to 2 and replaced WQMH(s) #19 & #20 with regular storm drain junction manholes. Thus, there are now 5 storm manholes, and 2 water quality manholes. Please refer to the revised storm drain plan and profile sheets included in Addendum #1.

3. **Question:** General: Will there be a reciprocating bid preference for out-of-town bidders from counties/cities that have a bid preference?
   Answer: No. There will be no preference given. The award will go to the lowest price/technically acceptable bidder.

4. **Question:** Can you clarify which detail on page 87 is to be used for the Transverse Construction Joint "T", and which detail for the Doweled Transverse Contraction Joint "DC"? I also need to verify whether or not the dowel baskets on Detail C, Page 87 are to be epoxy coated.
   Answer: Transverse Construction Joint "T" shall refer to Detail C on page 87. For the Doweled Transverse Contraction Joint, see detail C. The chairs referenced in Detail C shall be epoxy coated. Please refer to 2023 CDOT Construction Specifications, Division 400, Section 412.38 (Construction Requirements).

5. **Question:** At what sidewalk width should a center line joint be utilized?
   Answer: Concrete walks greater than 7 feet in width shall be saw cut longitudinally at half the width.

6. **Question:** There are two manholes that need adjustment as shown on Sheet 18. The bid schedule is calling for one. Just want to clarify how many of these adjustments there are and also, can the City clarify if these adjustments will require adjusting just the ring and cover or if they will require new barrel sections.
   Answer: Bid Line Item #82 calls for (8) manholes to be adjusted to finished grade. Please refer to the existing surface model that was provided in Addendum #1, as well as Staking Plans, and various Plan and Profile sheets for which utility the manhole in question is part of. There should be ample surface design information provided within the Construction plans to determine what elevation change is needed for each manhole called-out to be adjusted. Please note that the City allows a maximum 1-ft of grade rings for manhole elevation adjustments.

7. **Question:** Question on the asphalt spec. Plans show PG64-28 and bid schedule is calling for PG64-22. Please clarify which is correct.
   Answer: The asphalt spec. has been revised to include Binder Grade PG 64-28. This is shown correctly in the Construction Plans, as well as in the provided Geotechnical Report. Bid Schedule line items have been updated to reflect the revision in the Binder Grade.

8. **Question:** Addendum 1 states that it is okay to change potholing to the unit EACH, but the bid schedule stayed the same. Can the bid schedule be changed to reflect this?
   Answer: The Bid Schedule has been revised to reflect the unit cost to (EACH).

9. **Question:** I wanted to follow up on a question that was answered in Addendum No. 1. On question 1 the response says, "dual wall or corrugated polypropylene pipe will be considered." We wanted to clarify that corrugated dial wall HDPE (polypropylene) watertight pipe will be accepted on this project.
   Answer: Dual wall corrugated polypropylene storm drainpipe can be an acceptable alternative when installed according to CDOT M Standards. The City does not consider HDPE (polyethylene) as an acceptable alternative.

10. **Question:** There is a note on sheet 53 on the far left under the "Suggested Construction Sequence" that states "All Work Shall Be Paid For Under Bid Item "Reset Redirock Wall – Lump Sum", but the sequence include the headwall and wingwall which I believe have their own bid item. Is that correct?
    Answer: The removal of the existing Redirock headwall, wingwall and underlying foundation at the existing box culvert has a unit cost of (Lump Sum). Re-setting

the existing Redirock block wall to new Headwall also has a unit cost of (Lump Sum). The removal work falls under a separate lump sum bid item compared to the re-setting of the Redirock blocks. The Bid Schedule and Construction Plan notes have been revised to reflect both Lump Sums.

11. **Question:** Does the City of Flow Rate data for Leach Creek at the F ½ Road intersection?
    Answer: The City does not have specific flow rate data for Leach Creek. The flows are variable due to the inclusion of irrigation water. Bidders have access to some public flow data provided by Federal Agencies.

12. **Question:** Page 15 of the construction docs, the truck apron detail, says to "refer to landscape plans for concrete color and truck apron finishing details" but nothing is shown or called out on the landscaping plans. Can you please clarify?
    Answer: The concrete color shall be Mocha, Davis Color Chart #6058. Color additive shall be added to concrete at a rate of 1 pound per sack of cement. After floating of the concrete material, the Contractor shall score the concrete as shown on the plans, and finish with a stiff, alternating broom finish. The landscape plans have been revised to reflect the additional information above and are included in Addendum #2 package.

13. **Question:** Bid Item 146 states that it includes 16" of Class 3 while all other sections state Class 2. Is the item description for item 146 correct?
    Answer: **T**he Truck Apron detail calls for 16" of Class (2), which is correct. Bid Schedule Line Item #146 has been revised to state Class 2 aggregate.

14. **Question:** I am looking to see if the plans for the Redi-Rock retaining wall that was previously installed along 24 Road in Leach Creek can be provided. These are needed to determine if any and what kind of shoring was installed during the construction of the wall.
    Answer: For bidding purposes, the As-Built plans for the existing RediRock retaining wall, including a construction photo, is included in Addendum #2 package.

CLARIFICATIONS:

1. Please see the revised Bid Schedule (**Attached**), reflecting the clarifications to the questions from the pre-bid meeting, as well as those after Addendum #1.

2. Please see updated Construction Plans that include minor revisions to sheets 1, 53, 84, 85, 86, and 88. Revised Construction Bid Plan Set Printable 11 X 17

3. Please see updated Landscaping Plans, reflecting the changes as a result from question #12 above. Revised Landscape Plans

4. Project Trailer location: The project limits provide for ample room for a project trailer to be placed within the property of 655 24 1/2 Road. Other adequate locations exist and can be discussed at the pre-construction meeting with the awarded Contractor.

5. As-Built drawings for the existing RediRock retaining wall along Leach Creek has been included as part of Addendum #2 package. Redirock Wall Photo Redirock As-Builts

6. For those bidders that have had difficulties in opening up the Construction Plans in 11”x17” PDF format, please let the Purchasing Agent know, and a link to the most current set of Construction Plans included as part of Addendum #2 will be provided. Revised Construction Plans Printable 11 X 17

7. The Contractor is to plan on removing approximately 4.1 vertical feet of existing concrete foundation for the relocated 230KV transmission tower.

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

All other conditions of subject remain the same.

Respectfully,

Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	108.2	8" Gravity Sewer Pipe (SDR 35)	1,627.	LF	$ _____	$ _____
2	108.5	Sanitary Sewer Basic Manhole (48" I.D.) (Complete in Place)	4.	EA	$ _____	$ _____
3	108.5	Sanitary Manhole Barrel Section (D>5')(48" I.D.)	23.	VLF	$ _____	$ _____
4	108.5	Connect to Existing Manhole or Sewer Main	1.	EA	$ _____	$ _____
5	108.3	8" End Cap/Plug Sewer	3.	EA	$ _____	$ _____
6	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Sewer)	1,500.	TON	$ _____	$ _____
7	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Sewer)	285.	TON	$ _____	$ _____
8	108.2	6" Water Pipe (C-900 PVC)	15.	LF	$ _____	$ _____
9	108.3	6" Gate Valve	1.	EA	$ _____	$ _____
10	108.3	8" x 6" Tee	1.	EA	$ _____	$ _____
11	108.3	Fire Hydrant	1.	EA	$ _____	$ _____
12	108.2	Storm Drain Pipe - 30" Concrete Pipe	2,030.	LF	$ _____	$ _____
13	108.2	Storm Drain Pipe - 18" Concrete Pipe	793.	LF	$ _____	$ _____
14	108.2	Storm Drain Pipe - 12" Concrete Pipe	45.	LF	$ _____	$ _____
15	108.6	Storm Drain Manhole (60" ID)	5.	EA	$ _____	$ _____
16	108.6	Storm Sewer Treatment System. Contech CDS3020-6-C, or Engineer Approved equal. Complete in place.	1.	EA	$ _____	$ _____
17	108.6	Storm Sewer Treatment System. Contech CDS5653-10-C, or Engineer Approved equal. Complete in place.	1.	EA	$ _____	$ _____
18	108.6	Single Storm Drain Inlet with drive over curb opening (24" x 36")	2.	EA	$ _____	$ _____
19	108.6	Double Storm Drain Inlet with drive over curb opening (24" x 72")	2.	EA	$ _____	$ _____
20	108.6	Storm Drain Inlet with vertical curb opening (24" x 36")	1.	EA	$ _____	$ _____
21	108.6	Storm Drain - Large Area Inlet (24"x36")	7.	EA	$ _____	$ _____
22	108.6	Storm Drain - Double Large Area Inlet (24"x36")	1.	EA	$ _____	$ _____
23	108.5	Storm Drain - Manhole Barrel Section (D>5')(60" I.D.)	4.	VLF	$ _____	$ _____
24	108.5	Connect to Existing Manhole or Pipe	2.	EA	$ _____	$ _____
25	108.5	Connect to Existing Outlet Structure for Halls Estates	1.	EA	$ _____	$ _____
26	108.5	30" End Cap/Plug Irrigation	1.	EA	$ _____	$ _____
27	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Storm Drain)	950.	TON	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
28	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Storm Drain)	500.	TON	$ _____	$ _____
29	108.2	Irrigation Pipe - 4" SDR-35 PVC	10.	LF	$ _____	$ _____
30	108.2	Irrigation Pipe - 6" SDR-35 PVC	64.	LF	$ _____	$ _____
31	108.2	Irrigation Pipe - 8" SDR-35 PVC	10.	LF	$ _____	$ _____
32	108.2	Irrigation Pipe - 12" SDR-35 PVC	57.	LF	$ _____	$ _____
33	108.2	Irrigation Pipe - 12" Corrugated HDPE Pipe	2,410.	LF	$ _____	$ _____
34	108.2	Irrigation Pipe - 18" Corrugated HDPE Pipe	730.	LF	$ _____	$ _____
35	108.2	Irrigation Earth ditch - Temporary - per plan	220.	LF	$ _____	$ _____
36	108.5	Irrigation Manhole (36" I.D.)	9.	EA	$ _____	$ _____
37	108.5	Irrigation Manhole (48" I.D.)	4.	EA	$ _____	$ _____
38	108.5	Irrigation Manhole (48" I.D.) Structures (25),(42),(41),(195),(170),&(232) per Details and Plan	6.	EA	$ _____	$ _____
39	108.5	Irrigation - Manhole Barrel Section (D>5')(36" I.D.)	31.	VLF	$ _____	$ _____
40	108.5	Irrigation - Manhole Barrel Section (D>5')(48" I.D.)	17.	VLF	$ _____	$ _____
41	108.6	Intercept Irrigation Drain - Large Area Inlet (24"x36")	1.	EA	$ _____	$ _____
42	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 18-in Pipe	1.	EA	$ _____	$ _____
43	108.12	ADS agricultural product - metal animal guard (finger) (pipe end guard) for 12-in Pipe	1.	EA	$ _____	$ _____
44	108.5	Reset Irrigation Valve (Mundy)	1.	EA	$ _____	$ _____
45	108.5	Connect to Existing Manhole, Pipe, ETC..	13.	EA	$ _____	$ _____
46	108.2	Imported Trench Backfill (Class 3) (Including haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 133 lbs/cu.ft.)(Irrigation)	640.	TON	$ _____	$ _____
47	108.7	Granular Stabilization Material (Type B) (18" Thick Min.) (Includes haul and disposal of unsuitable excavated material) (Assumed Unit Weight = 138 lbs/cu.ft.)(Irrigation)	500.	TON	$ _____	$ _____
48	202	Remove Asphalt Mat. Full Depth.	5,610.	SY	$ _____	$ _____
49	202	Remove Concrete	1,580.	SY	$ _____	$ _____
50	202	Remove Redirock Headwall, Wingwall, and Underlying foundation at Box Culvert at the intersection of F 1/2 Rd and 24 Rd	Lump	SUM	- - -	$ _____
51	202	Remove Water Valve	1.	EA	$ _____	$ _____
52	202	Remove Fire Hydrant	1.	EA	$ _____	$ _____
53	202	Remove End Section	1.	EA	$ _____	$ _____
54	202	Remove Irrigation Structure	3.	EA	$ _____	$ _____
55	202	Remove Light Pole	13.	EA	$ _____	$ _____
56	202	Remove Light Pole Base	13.	EA	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
57	202	Remove High Voltage Overhead Power Pole Foundation	1.	EA	$ _____	$ _____
58	202	Remove Pull Box	5.	EA	$ _____	$ _____
59	202	Remove Post	2.	EA	$ _____	$ _____
60	202	Remove Delineator	3.	EA	$ _____	$ _____
61	202	Remove Ground Sign	5.	EA	$ _____	$ _____
62	202	Remove Sod.	1,376.	SY	$ _____	$ _____
63	202	Remove Tree	15.	EA	$ _____	$ _____
64	202	Remove Tree Stump	3.	EA	$ _____	$ _____
65	202	Remove Bush	35.	EA	$ _____	$ _____
66	202	Remove Property Pin (no reference or reset)	3.	EA	$ _____	$ _____
67	202	Remove Fence (includes all gates and associated appurtenances)	2,703.	LF	$ _____	$ _____
68	202	Remove Plastic Fence Gate (Gale Property)	1.	EA	$ _____	$ _____
69	202	Remove Electric Feed (Subaru Lights)	600.	LF	$ _____	$ _____
70	202	Remove Pipe as shown on Plans	2,015.	LF	$ _____	$ _____
71	202	Remove Mail Box	4.	EA	$ _____	$ _____
72	202	Remove Signal Pole Steel Template and Return to City Traffic	1.	EA	$ _____	$ _____
73	202	Remove/Abandon Sprinkler System at 653 24 1/2 Rd.	1.	EA	$ _____	$ _____
74	202	Clearing and Grubbing	1.	LS	$ _____	$ _____
75	210	Adjust Sprinkler System at 651 Market St. (Subaru)	1.	EA	$ _____	$ _____
76	210	Adjust Sprinkler System at 650 Market St. (Hilton)	1.	EA	$ _____	$ _____
77	210	Adjust Sprinkler System at 648 Market St. (Regal)	1.	EA	$ _____	$ _____
78	210	Adjust Sprinkler System at 649 3/4 Serinity Ln (Halls Estates HOA)	1.	EA	$ _____	$ _____
79	210	Adjust Sprinkler System at 655 24 1/2 Rd (Beaslin)	1.	EA	$ _____	$ _____
80	210	Adjust Sprinkler System at 659 24 1/2 Rd (Mundy)	1.	EA	$ _____	$ _____
81	210	Adjust Water Valve to Finished Grade	6.	EA	$ _____	$ _____
82	210	Adjust Manhole to Finished Grade	8.	EA	$ _____	$ _____
83	210	Adjust inlet Frame and Grate to Finished Grade	2.	EA	$ _____	$ _____
84	210	Reset Water Meter	2.	EA	$ _____	$ _____
85	210	Adjust Pull Box to Finished Grade	7.	EA	$ _____	$ _____
86	210	Reset Light Standard	1.	EA	$ _____	$ _____
87	210	Reference/Reset Survey Monument	1.	EA	$ _____	$ _____
88	210	Reset Redirock Wall back to new Headwall (Leach Creek at the intersection of 24 Rd and F 1/2 Rd)	Lump	SUM	- - -	$ _____
89	210	Reset Mail Box (Coordinate with USPS)	4.	EA	$ _____	$ _____
90	210	Reset Fence	200.	LF	$ _____	$ _____
91	210	Reset 4" Irrigation Valve (Mundy Property)	1.	EA	$ _____	$ _____
92	210	Reset Landscape Ground Cover (Subaru)	2,800.	SF	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
93	210	Reset Landscape Ground Cover (Hilton)	1,800.	SF	$ _____	$ _____
94	210	Reset Landscape Ground Cover (Regal)	500.	SF	$ _____	$ _____
95	210	Reset Landscape Ground Cover (Gale)	580.	SF	$ _____	$ _____
96	PH	POTHOLING	20.	EA	$ _____	$ _____
97	210	Reset Landscape Ground Cover (Halls Estates HOA)	1,600.	SF	$ _____	$ _____
98	203	Unclassified Excavation	41,309.	CY	$ _____	$ _____
99	203	Unclassified Embankment	4,502.	CY	$ _____	$ _____
100	203	Haul Earthwork Material	36,807.	CY	$ _____	$ _____
101	207	Topsoil (18" Thick) (all planting areas within ROW)	11,800.	SY	$ _____	$ _____
102	203	(Roadway Subgrade Stabilization) Muck Excavation	4,700.	CY	$ _____	$ _____
103	304	(Roadway Subgrade Stabilization) Aggregate Base Course (Class 3) (24" Thick)	7,000.	SY	$ _____	$ _____
104	304	(Roadway Subgrade Stabilization) Geotextile Separator (Mirifi RS580i or Equivalent) as Directed by Project Engineer	5,000.	SY	$ _____	$ _____
105	420	(Roadway Subgrade Stabilization) Geotextile Separator (Cl 2)	7,000.	SY	$ _____	$ _____
106	420	(Roadway Subgrade Stabilization) Geogrid Reinforcement	7,000.	SY	$ _____	$ _____
107	208	Storm Drain Inlet Protection (Erosion Log filter at Drop Inlet)	9.	EA	$ _____	$ _____
108	208	Storm Drain Inlet Protection (Type II)	12.	EA	$ _____	$ _____
109	208	Storm Drain Inlet Protection (Type III)	2.	EA	$ _____	$ _____
110	208	Erosion Log	500.	LF	$ _____	$ _____
111	208	Prefabricated Vehicle Tracking Pad	3.	EA	$ _____	$ _____
112	208	Prefabricated Concrete Washout Structure	3.	EA	$ _____	$ _____
113	209	Dust Abatement	365.	DAYS	$ _____	$ _____
114	212	Seeding - Native Seed Mix	0.8	ACRE	$ _____	$ _____
115	304	Aggregate Base Course (Class 2) (14" Thick) (F 1/2 Rd Pkwy)	22,320.	SY	$ _____	$ _____
116	304	Aggregate Base Course (Class 2) (10" Thick) (24 1/2 Road)	2,215.	SY	$ _____	$ _____
117	304	Aggregate Base Course (Class 2) (16" Thick) (Roundabout)	6,400.	SY	$ _____	$ _____
118	304	Aggregate Base Course (Class 6) (12" Thick) (Driveway)	36.	SY	$ _____	$ _____
119	304	Aggregate Base Course (Class 6) (8" Thick) (Various Locations)	27,880.	SY	$ _____	$ _____
120	304	Aggregate Base Course (Class 6) (6" Thick) (24 1/2 Rd Shoulder)	370.	SY	$ _____	$ _____
121	304	Washed Rock Surface Course (Driveway) (3" Thick)	280.	SY	$ _____	$ _____
122	306	Reconditioning (6" Deep) (Various)	30,971.	SY	$ _____	$ _____
123	329	Sod. (To repair & Match Existing)	6,000.	SF	$ _____	$ _____
124	401	Asphalt Millings (4" thick) (1 1/2" max particle size) (Gale/Mundy Drive)	90.	TON	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
125	401	Hot Mix Asphalt (4" thick) (Grading SX 100, Binder Grade 64-22) (Driveway)	8.	TON	$ _____	$ _____
126	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (Varies)	1,631.	TON	$ _____	$ _____
127	401	Hot Mix Asphalt (5" thick) (Grading SX 100, Binder Grade 64-22) (24 1/2 Rd)	578.	TON	$ _____	$ _____
128	401	Hot Mix Asphalt (5 1/2" thick) (Grading SX 100, Binder Grade 64-22) (F 1/2 Rd Pkwy)	3,844.	TON	$ _____	$ _____
129	401	Hot Mix Asphalt (2" thick) (Grading SX 100, Binder Grade 64-28) (T-Top on 24 1/2 Rd)	25.	TON	$ _____	$ _____
130	504	Concrete Wall (Class D) per M and S Standard M-601-20 (Wall Design Height 6' to 9' per plan). (Includes associated headwalls, footers, and toe walls) Work shall include approximately 1000 lbs. Reinforcing Steel (Epoxy Coated), Structural Concrete Coating (Exterior of wall), 12 cy Structural Backfill (Class 1) and any necessary appurtenances to	21.	CY	$ _____	$ _____
131	504	Precast Concrete Block Retaining Wall System (includes all necessary appurtenances, work, etc. to complete).	30.	FSF	$ _____	$ _____
132	506	Riprap (12 Inch) (Leach Creek)	30.	CY	$ _____	$ _____
133	506	Filter Material (Class B)	5.	CY	$ _____	$ _____
134	506	Geotextile (Drainage) (Class 1) (Nonwoven) (Geotextile is to be used with the Leach Creek Riprap Details)	45.	SY	$ _____	$ _____
135	603.3	Leach Creek Temporary Bypass Pumping (temporary to set up Leach Creek Bypass for Construction and to divert Leach Creek back to Tripple Box Culvert after box culvert construction)	10.	DAYS	$ _____	$ _____
136	603.3	Leach Creek Bypass for Construction (contractor to determine means and methods and submit plan prior to contract award)	1.	LS	$ _____	$ _____
137	603.3	Pipe Excavation (for Triple Conc Box Culvert) (includes Topsoil Removal, Muck Excavation, Stockpiling, Drying, etc.. See Box Culvert Typical Cross Section)	1,500.	CY	$ _____	$ _____
138	603.3	Pipe Stabilization (for Triple Conc Box Culvert) Imported Trench Backfill (Class 3 Aggregate) (24" Minimum Depth - See Box Culvert Typical Cross Section) (Assumed Unit Weight = 133 lbs/cu.ft.)	510.	TONS	$ _____	$ _____
139	603.3	Pipe Bedding (for Triple Conc Box Culvert) Aggregate Base Course (CDOT No. 57 Concrete Aggregate) (3 Each - 12" Thick Layers - See Box Culvert Typical Cross Section)	425.	CY	$ _____	$ _____
140	603.3	Geotextile Separator (for Triple Conc Box Culvert Pipe Bedding) (Class 1) (Woven) (See Box Culvert Typical Cross Section)	1,400.	SY	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
141	603.3	Triple - 6' x 12' Precast Concrete Box Culvert (can be constructed as three separate 6 x 12 C.B.C. sections placed side by side) (Includes all Haunching and Backfill Material) (Includes Grouted Connect to Existing)	86.	LF	$ _____	$ _____
142	603.3	Triple - 6' x 12' Cast in Place Concrete Box Culvert to accommodate Sewer Crossing (Includes all Haunching and Backfill Material)	1.	LF	$ _____	$ _____
143	608	Concrete Landscape Border (match existing in kind)	165.	LF	$ _____	$ _____
144	608	Concrete Pavement (Roundabout) (9" Thick) (CL P)	5,560.	SY	$ _____	$ _____
145	608	Concrete Curb and Spill Gutter (1.5' Wide) to include Class 6 Aggregate Base Course per Typical Cross Section	5,925.	LF	$ _____	$ _____
146	608	Concrete Truck Apron (Roundabout) (12" Thick) to include 8" of Class 6 Aggregate Base Course, 16" of Class 2 Aggregate Base Course, and 6" of subgrade reconditioning.	535.	SY	$ _____	$ _____
147	608	Concrete Curb (6" Wide) (6" High) to include Class 6 Aggregate Base Course per Typical Cross Section	650.	LF	$ _____	$ _____
148	608	Concrete Curb and Gutter (2' Wide) (both collector and spill gutters) to include Class 6 Aggregate Base Course per Typical Cross Section	5,165.	LF	$ _____	$ _____
149	608	Concrete Drive Over Curb and Gutter 3' wide and both collector and spill gutter to include Class 6 Aggregate Base Course per Typical Cross Section	660.	LF	$ _____	$ _____
150	608	Concrete Sidewalk (6" Thick) to include 6" of Class 6 Aggregate Base Course.	5,700.	SY	$ _____	$ _____
151	608	Concrete Drainage Pan (6' Wide) to include 6" of Class 6 Aggregate Base Course.	38.	LF	$ _____	$ _____
152	608	Concrete Median Island Nose (8" Thick) to include 6" of Class 6 Aggregate Base Course.	41.	SY	$ _____	$ _____
153	608	Concrete Curb Ramp to include 6" of Class 6 Aggregate Base Course.	335.	SY	$ _____	$ _____
154	608	Concrete Pavement (6" Thick) to include 6" of Class 6 Aggregate Base Course.	170.	SY	$ _____	$ _____
155	608	Concrete Driveway Section (8" Thick) (Commercial) to include 6" of Class 6 Aggregate Base Course.	225.	SY	$ _____	$ _____
156	608	Concrete Median Edging (1.5' Wide) (4" thick) (make sure not repeated landscape quantities)	5,555.	LF	$ _____	$ _____
157	608	Concrete Median Cover Material (6" Patterned Concrete) to include 6" of Class 6 Aggregate Base Course. (make sure not repeated landscape quantities)	120.	SY	$ _____	$ _____
158	608	Detectable Warning (Cast Iron, Wet Set) (2'x2)	130.	EA	$ _____	$ _____
159	613	2" Schedule 80 PVC (City Broadband)	15,615.	LF	$ _____	$ _____
160	613	2" Schedule 80 PVC (for Power to Lighting and Out Buildings - Outside edge of Joint Trench)	5,205.	LF	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
161	613	Large Splice Box (Quasite) (3' - 2 5/8" x 2'-2") Broadband Logo.	20.	EA	$ _____	$ _____
162	614	Sign Panel (CL I)	570.	SF	$ _____	$ _____
163	614	Sign Panel (CL II)	48.	SF	$ _____	$ _____
164	614	3 LB. U SHAPE CHANNEL STEEL POST	70.	EA	$ _____	$ _____
165	614	Steel Sign Support (2 1/2" round NP-40) (Pole/Slipbase)	4.	EA	$ _____	$ _____
166	503-00048	Drilled Caisson (48 Inch)	42.	LF	$ _____	$ _____
167	503-00048	Drilled Caisson (54 Inch)	21.	LF	$ _____	$ _____
168	613-07004	Type Four Pull Box (Traffic) (24x36x24) PB3	1.	EA	$ _____	$ _____
169	613-07005	Type Five Pull Box (Traffic) (30x48x24) PB1,PB2,PB4,&PB5	4.	EA	$ _____	$ _____
170	614	Spread Footer for Pedestrian Pole P5 (Contractor to provide Engineer Approved and Stamped Shop Drawings)	1.	EA	$ _____	$ _____
171	614-70150	Pedestrian Signal Face (16) (Countdown)	8.	EA	$ _____	$ _____
172	614-70336	Traffic Signal Face (12-12-12)	8.	EA	$ _____	$ _____
173	614-70336b	Traffic Signal Face (12-12-12) (With Backplate and Retroflective Border)	12.	EA	$ _____	$ _____
174	614-72855	Traffic Signal Controller Cabinet	1.	EA	$ _____	$ _____
175	614-72863	Pedestrian Push Button Post Assembly	4.	EA	$ _____	$ _____
176	614-72886	Intersection Detection System (Camera)	4.	EA	$ _____	$ _____
177	614-72886o	Intersection Detection System (Opticom)	4.	EA	$ _____	$ _____
178	614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm) P2	1.	EA	$ _____	$ _____
179	614-81160	Traffic Signal-Light Pole Steel (1-60 Foot Mast Arm) P3 & P4	2.	EA	$ _____	$ _____
180	614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm) P1	1.	EA	$ _____	$ _____
181	614	Mount City Provided Sign on Mast Arm	4.	EA	$ _____	$ _____
182	614	Sign Panel (CL I)	36.	SF	$ _____	$ _____
183	614-84000	Traffic Signal Pedestal Pole Steel P5	1.	EA	$ _____	$ _____
184	614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	500.	LF	$ _____	$ _____
185	614-87320	Closed Circuit Television	1.	EA	$ _____	$ _____
186	614-87350	Test Fiber Optic Cable	1.	EA	$ _____	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
187	614	2" PVC Conduit	2,100.	LF	$ _____	$ _____
188	620	Sanitary Facility	1.	EA	$ _____	$ _____
189	625	Construction Surveying	Lump	SUM	- - -	$ _____
190	626	Mobilization	Lump	SUM	- - -	$ _____
191	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (white)	73.	Gal	$ _____	$ _____
192	627	Epoxy Pavement Marking (asphalt only) (Roadway Striping) (two coats) (yellow)	58.	Gal	$ _____	$ _____
193	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (white)	1,452.	SF	$ _____	$ _____
194	627	Preformed Plastic Pavement Marking (Type II) (Inlaid) (includes black contrast tape, 1.5" each side, total of 3") (Roundabout Striping) (yellow)	343.	SF	$ _____	$ _____
195	627	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Asphalt and Concrete)	1,125.	SF	$ _____	$ _____
196	627	Preformed Thermoplastic Pavement Marking (X-Walk & Stop Line) (Asphalt and Concrete)	2,400.	SF	$ _____	$ _____
197	630	Traffic Control (Complete In Place)	Lump	SUM	- - -	$ _____
198	630	Traffic Control Plan	Lump	SUM	- - -	$ _____
199	630	Construction Phasing Plan	Lump	SUM	- - -	$ _____
200	630	Temporary Paving	1,750.	SY	$ _____	$ _____
201	LSC	Soil Amendment (To be tilled)	35,528.	SF	$ _____	$ _____
202	LSC	Type 1 Rock - 1-1/2" Tan Granite (3" Depth)	65,371.	SF	$ _____	$ _____
203	LSC	Type 2 Rock - 1-1/2" Tan Granite (3" Depth), Plus 2-3" La Sal Purple, scattered at 1 CF/100 SF	35,203.	SF	$ _____	$ _____
204	LSC	Type 3 Rock - 2-3" La Sal Purple (3" Depth)	5,360.	SF	$ _____	$ _____
205	LSC	Landscape Boulder - Small (3'x2'x2')	259.	EACH	$ _____	$ _____
206	LSC	Landscape Boulder - Large (2'x4'x2')	18.	EACH	$ _____	$ _____
207	LSC	Deciduous Tree (1 - 1/2 Inch Caliper)	54.	EACH	$ _____	$ _____
208	LSC	Deciduous Tree (2 Inch Caliper)	38.	EACH	$ _____	$ _____
209	LSC	Deciduous Shrub (1 Gallon Container)	99.	EACH	$ _____	$ _____
210	LSC	Deciduous Shrub (5 Gallon Container)	264.	EACH	$ _____	$ _____
211	LSC	Evergreen Tree (6 Foot, B&B)	24.	EACH	$ _____	$ _____
212	LSC	Evergreen Shrubs (5 Gallon Container)	91.	EACH	$ _____	$ _____
213	LSC	Perennials (1 Gallon Container)	421.	EACH	$ _____	$ _____
214	LSC	Ornamental Grasses (1 Gallon Container)	351.	EACH	$ _____	$ _____
215	IRR	Connect to Existing Irr. Main (24 Road Median)	Lump	SUM	- - -	$ _____
216	IRR	Bore under N-bound 24 RD, N. Leach Creek & Ready Rock wall	Lump	SUM	- - -	$ _____

Bid Schedule: F 1/2 RD PKWY PH1 Project

Contractor:_____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
217	IRR	4 Inch PVC Irrigation Sleeve, 18" bury under walks	276.	LF	$ _____	$ _____
218	IRR	4 Inch PVC Irrigation Sleeve, 30" bury under roadways	442.	LF	$ _____	$ _____
219	IRR	6 Inch PVC Irrigation Sleeve, 30" bury under roadways	1,120.	LF	$ _____	$ _____
220	IRR	4" HDPE Mainline	5,253.	LF	$ _____	$ _____
221	IRR	1 Inch PVC Lateral Pipe	11,393.	LF	$ _____	$ _____
222	IRR	1-1/2 Inch PVC Lateral Pipe	802.	LF	$ _____	$ _____
223	IRR	Tracer Wire for all Mainline and PVC Lateral Pipes	17,448.	LF	$ _____	$ _____
224	IRR	3/4 Inch Quick Coupler Valve	1.	EACH	$ _____	$ _____
225	IRR	1 Inch Automatic Control Valve	8.	EACH	$ _____	$ _____
226	IRR	2-wire Control Wire	5,253.	LF	$ _____	$ _____
227	IRR	2-wire Control, including decoders, grounding	Lump	SUM	- - -	$ _____
228	IRR	Jumbo Valve Box	4.	EACH	$ _____	$ _____
229	IRR	Isolations Valves - For Mainline	11.	EACH	$ _____	$ _____
230	IRR	Isolations Valves - For Rain Garden Lateral Shutoff	6.	EACH	$ _____	$ _____
231	IRR	Manual Drain Valves	1.	EACH	$ _____	$ _____
232	IRR	Riser Assembly to Compression Tee (not incl. tree rings)	141.	EACH	$ _____	$ _____
233	IRR	1/2" Drip Tubing, No Emitters	10,484.	EACH	$ _____	$ _____
234	IRR	Netafim Drip Emitters (incl. 1/4" tubing)	2,960.	EACH	$ _____	$ _____
235	IRR	Tree Ring Assembly	119.	EACH	$ _____	$ _____
236	IRR	1/2 Inch Flush Box Assembly	72.	EACH	$ _____	$ _____
237	IRR	Air Relief/Pressure Relief Assembly	1.	EACH	$ _____	$ _____
238	ELEC	Type One Pull Box	67.	EA	$ _____	$ _____
239	ELEC	Wiring	Lump	SUM	- - -	$ _____
240	ELEC	Light Standard and Luminaire (Pedestrian)	60.	EA	$ _____	$ _____
241	ELEC	Light Standard Foundation (Pedestrian)	60.	EA	$ _____	$ _____
242	ELEC	Lighting Control Center PWR Pedestal (Special) (LCBP x1.74)	1.	EA	$ _____	$ _____
243	ELEC	Trench - Site Lighting and Electrical will require approximately 6,700 Linear Feet of Trenching.	Lump	SUM	- - -	$ _____
MCR		Minor Contract Revisions	- - -	- - -	- - -	$ 600,000.00

Bid Amount: **$** _____

Bid Amount:

_____ **dollars**

Contractor Name:
Contractor Address:
Contractor Phone #: