



Purchasing Division

ADDENDUM NO. 1

DATE: October 25, 2021
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Las Colonias River Park Re-Vegetation & Irrigation Project IFB-4959-21-KH

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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.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 it be possible to receive the bid schedule in an Excel format?
A: An excel format of the bid schedule will not be provided. Contractor shall utilize the attached revised Addendum 1 Price Bid Schedule.
2. **Q:** For our bid bond purposes, is there an engineer's estimate or a budget?
A: The budget and engineer's estimate are not being released at this time.
3. **Q:** Is the City aware that the lead time on construction materials may have a significant impact on the completion of the irrigation system before the end of the year?
A: The City acknowledges these challenges and understands that the lead times can significantly delay the completion date of the project.
4. **Q:** The landscape and irrigation specifications call for materials that have imperial units rather than U.S. units. Will this be revised in the plans?
A: The City acknowledges this discrepancy and has made the necessary changes in this addendum.
5. **Q:** Is the Contractor responsible for the Stormwater Management Plan?
A: The City shall coordinate with the awarded Contractor to create the stormwater management plan (SWMP) together and shall submit the necessary materials to the State and the County to obtain the required Stormwater Permitting from both. The Contractor and the City shall be co-permittees on the issued Stormwater Permit until substantial stabilization has been established, followed by termination of the permit.
6. **Q:** Is the Contractor responsible for the Traffic Control Plan?
A: City shall coordinate with the Contractor for traffic control along the existing concrete riverfront trail, as well as the existing granite crusher-fines trail, to better detour foot and bicycle traffic around the project site.

7. **Q:** Will the City revise/remove the specification and the reference to the “Organic Fertilizer”?
A: The fertilizer is included in the biotic soil amendment. No additional fertilizer is necessary beyond what is already included in the Biotic Soil Amendment. The Irrigation and Landscaping Specifications have been updated to reflect this.
8. **Q:** Does the City want to remove the 2-wire and replace it with a single signal line for tracing purposes?
A: The 2-wire shall remain as called-out in the plans and specifications, for use as a tracer/locator line, and in case the City decides to add a controller in the future. However, the reference to the decoder line shall be removed from the plans and specifications.
9. **Q:** Will the City provide more detail as to what is needed in the Pot Holing line item in the bid schedule?
A: The City has provided ample detail in the location and number of Potholes as shown on the construction plans.
10. **Q:** Will the City provide the 6-inch gate valve after they tap the existing 12-inch source irrigation main?
A: Yes. The City shall provide the necessary gate valve after the City makes the connection to the existing 12-inch raw water main.
11. **Q:** Will the City provide more detail on the required application rate of the seed mixture?
A: The Contractor shall submit the native seed mixture they are proposing to the Project Engineer for approval, prior to the submittal deadline. Upon approval of the mixture, the Contractor shall apply the seed mix at a rate that is specified by the manufacturer.
12. **Q:** Are the MJ fittings epoxy coated or black?
A: The mechanical joint fittings do not need to be epoxy coated.
13. **Q:** Are the gate valves MJ or Flanged?
A: The gate valve shall be mechanically jointed.
14. **Attachments:**
[Updated Appendix C: Irrigation and Landscaping Specifications](#)
[Updated Appendix D: Construction Drawings \(Link\)](#)

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

All other conditions of subject remain the same.

Respectfully,



Kassy Hackett, Buyer
City of Grand Junction, Colorado

Bid Schedule: 2021 LCRP Re-vegetation & Irrigation Project (Addendum 1)

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	626	Mobilization	1.	Lump Sum	\$ _____	\$ _____
2	626	Construction Surveying	1.	Lump Sum	\$ _____	\$ _____
3	620	Sanitary Facility	1.	EA	\$ _____	\$ _____
4	208	Stabilized Construction Entrance	2.	EA	\$ _____	\$ _____
5	208	Erosion Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
6		Potholing (See Plan Set for assumed locations)	1.	Lump Sum	\$ _____	\$ _____
7	203	Earthwork (Excavation & Embankment)	410.	CY	\$ _____	\$ _____
8	RAW 108.2	4" Raw Water Pipe (C-200 PVC) (SDR21) (Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 Earth backfill material. TYP.)	1,510.	LF	\$ _____	\$ _____
9	RAW 108.2	6" Raw Water Pipe (C-200 PVC) (SDR21) (Includes Type A bedding and haunching material and backfill of trench with native materials meeting 103.16 Earth backfill material. TYP.)	2,730.	LF	\$ _____	\$ _____
10	RAW 108.3	Raw Water - 4" x 4" x 4" Tee (MJ Fittings) (Includes thrust blocking)	6.	EA	\$ _____	\$ _____
11	RAW 108.3	Raw Water - 6" x 6" x 4" Tee (MJ Fittings) (Includes thrust blocking)	4.	EA	\$ _____	\$ _____
12	RAW 108.3	Raw Water - 6" x 6" x 6" Tee (MJ Fittings) (Includes thrust blocking)	1.	EA	\$ _____	\$ _____
13	RAW 108.3	Raw Water - 4", 11.25° Elbow (MJ Fittings)	1.	EA	\$ _____	\$ _____
14	RAW 108.3	Raw Water - 4", 22.5° Elbow (MJ Fittings)	2.	EA	\$ _____	\$ _____
15	RAW 108.3	Raw Water - 4", 45° Elbow (MJ Fittings)	2.	EA	\$ _____	\$ _____
16	RAW 108.3	Raw Water - 4", 90° Elbow (MJ Fittings)	1.	EA	\$ _____	\$ _____
17	RAW 108.3	Raw Water - 6", 11.25° Elbow (MJ Fittings)	13.	EA	\$ _____	\$ _____
18	RAW 108.3	Raw Water - 6", 22.5° Elbow (MJ Fittings)	6.	EA	\$ _____	\$ _____
19	RAW 108.3	Raw Water - 6", 45° Elbow (MJ Fittings)	1.	EA	\$ _____	\$ _____
20	RAW 108.3	Raw Water - 4" End Cap/Plug	9.	EA	\$ _____	\$ _____
21	RAW 108.3	Raw Water - 6" End Cap/Plug	2.	EA	\$ _____	\$ _____
22	RAW 108.3	Raw Water - 4" Megalug / 4" Trans Gasket / 4" M.J. Bolt Kit	51.	EA	\$ _____	\$ _____
23	RAW 108.3	Raw Water - 6" Megalug / 6" Trans Gasket / 6" M.J. Bolt Kit	54.	EA	\$ _____	\$ _____
24	RAW 108.3	Raw Water - 4" Isolation/Gate Valve & 10" Valve Box (Includes Extension Sleeve & Washed Gravel Sump)	4.	EA	\$ _____	\$ _____
25	RAW 108.3	Raw Water - 6" Isolation/Gate Valve & 10" Valve Box (Includes Extension Sleeve & Washed Gravel Sump)	1.	EA	\$ _____	\$ _____

Bid Schedule: 2021 LCRP Re-vegetation & Irrigation Project

Contractor: _____

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
26	RAW 108.3	Tapping Saddles (DIP) (4"x2" IPS HARCO) (or approved equal)	26.	EA	\$ _____	\$ _____
27	RAW 108.3	Tapping Saddles (DIP) (6"x2" IPS HARCO) (or approved equal)	43.	EA	\$ _____	\$ _____
28	RAW 108.3	Quick Coupler Valve with 6" Round Valve Box (See Plan Details for preferred product info)	69.	EA	\$ _____	\$ _____
29	RAW 108.3	Swing Joint Assembly Complete (See Plan Details) (Includes No. 4 Rebar, 24" at each Assembly)	69.	EA	\$ _____	\$ _____
30	ELEC	Irrigation 2-WIRE (to be installed along top of 6" pipe)(Direct Bury)	2,730.	LF	\$ _____	\$ _____
31	Landscaping	Seeding PHASE 1 - (Includes Native Seed, Biotic Earth, Richlawn Organic Fertilizer and Hydro Mulch) (See project specifications for approved native seed)	3.	ACRE	\$ _____	\$ _____
32	Landscaping	Seeding PHASE 2 - (Includes Native Seed, Biotic Earth, Richlawn Organic Fertilizer and Hydro Mulch) (See project specifications for approved native seed)	3.47	ACRE	\$ _____	\$ _____
33	Landscaping	10-ft wide Granite Fines Trail Repair (Assume 24" wide trench)	120.	SF	\$ _____	\$ _____
34	630	Traffic Control (Complete in Place)	1.	Lump Sum	\$ _____	\$ _____
MCR		Minor Contract Revisions	---	---	---	\$ <u>8,538.00</u>

Bid Amount: \$ _____

Bid Amount: _____ **dollars**

Contractor Name:
Contractor Address:
Contractor Phone #:

Appendix C (Addendum 1)

Irrigation and Landscape Specifications

Irrigation Specifications

1. General

Scope of Landscape Irrigation Work

Furnish all labor, equipment, appliances, materials and perform all operations required to complete irrigation system installation and other work as shown on the applicable drawings and as specified herein, guarantee, and meet conditions of this Contract.

Job Supervision - Irrigation

All work specified herein shall be performed under the direct supervision of a superintendent thoroughly familiar with the work of this Section and who shall be at the Project site for the duration of the work of this Section.

Job Conditions and Provisions - Irrigation

No irrigation system construction shall take place during freezing or wet weather or when temperatures are less than 40 degrees Fahrenheit, and no trenches shall be backfilled with frozen material. Installation of the system shall not take place until all earthwork has been substantially completed, compacted. Errors, conflicts or omissions from the Drawings or Specifications, or the misdescription of details of work which are manifestly necessary to carry out the intent of the Drawings or Specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details or work, but they shall be performed as if fully and clearly set forth and described in the Drawings and Specifications.

Substitute Products

Requests for substitution of products named in this section must be approved by the Owner's Representative one week prior to bid opening.

Tolerances

Depths of mains shall be twenty-four inches (24") to top of pipe, including laterals and pitch of pipes as specified shall be minimums. Coverage achieved on site shall be guaranteed according to plan; any un-watered areas due to poor placement of or insufficient heads shall be corrected by the Contractor.

Layout of Lines & Levels

Before any installation operations are started, the site shall be completely staked out for the work of this Section by the Contractor. Pipes are not to be installed through tree root ball locations. All mains and valve locations shall be staked out for approval before installation by the Owners Representative.

2. Products

Isolation Gate Valve

Isolation valves (4") are to be 4" Mueller A-2361 Resilient Wedge Gate Valve or approved equal.

Isolation Gate Valve

Isolation valves (6") are to be 6" Mueller A-2361 Resilient Wedge Gate Valve or approved equal.

Quick Coupler Valves

1-inch quick coupler valves are to be Rainbird model No. 5-LRC-IPS, 5 ½-inch height, one piece body & IPS threaded, with SnapLok installation, or approved equal. Quick Coupler cap shall be 1" RB QCV Rubber Cover, 1 piece. Quick coupler cap to be set 1-inch below valve box cover, utilizing swing joint assembly.

Swing Joint Assembly

Swing Joint assembly to be Lasco Swing Joint Model No. G13S-218. Assembly to include 1" Schule 40 PVC 90-degree elbow SXF 407-010SR; Harco DIP Saddle IPSxFIP; 2"x1" Sch. 40 PVC Bushing MXF 439-249; and 1"x12" Sch. 80 PVC Nipple Toe pipe. Schedule 80 PVC pipe to be trimmed to length based on grade variation to set swing joint to 45 degrees, and to ensure quick coupler cap is set at 1" below valve box lid.

Valve Boxes

Valve box to be Rainbird Model No. V8-6RND or approved equal.

Irrigation Pipe – Main Pressure Line

Main Pressure Line pipe shall be 6" PVC Class 200 (SDR21) with mechanical joint fittings, as detailed, sized as shown on the plan.

Irrigation Pipe – Lateral Lines

Lateral pipe shall be 4" PVC Class 200 (SDR21) with mechanical joint fittings, as detailed, sized as shown on the plan.

Irrigation 2 wire

2-wire shall be Rainbird FD-101TURF.

3. Materials

Irrigation Point of Connection (POC) – Raw Water Line

The Contractor shall tie into existing raw water line where shown on drawing. Contractor to coordinate with City of Grand Junction (Public Works) for tie-in. See specifications and details for appliances. The City may choose to make the POC in lieu of the Contractor.

Quick Coupler Valves

Quick coupler valves are to be installed on swing joint at location and grade

as indicated on drawings and as per details. Installation requires staking and tying quick coupler to stake. Drive stake to 4" below grade and tie with nylon tie.

Valve Boxes

Install valve box at locations shown on drawings. Extensions and adjustments shall be made to establish the valve box and cover flush with the final grade level, and provide 4" layer of washed gravel as sump.

Trench Excavation

Trenches shall be cut to true line and grade. Over-excavation of trenches for piping shall require compacted backfill to bring bottom of trench up to grade. Provide for surface drainage during construction. De-water all excavations immediately.

Trenching & Backfilling

Comply with earthwork specifications, see Civil specification as required.

Piping - General

Manufacturer's specifications covering installation of their material shall be followed. Underground lines up to 2" shall have minimum horizontal clearance of two inches of each other. No sprinkler line shall be stacked vertically in a common trench. Lines shall have minimum horizontal clearance of 12 inches from the lines of other trades and minimum 2 inches vertical clearance between lines crossing at 45 degrees to 90 degrees. When pipelaying is not in progress, or at end of each day, pipe ends shall be closed with tight plug or cap.

4. Warranty

As-Built Submittals

The Contractor shall submit an as-built or record plan upon completion of work showing precise location of isolation/gate valves, water mains, laterals, quick couplers, etc., and any changes in proposed locations of water mains, quick couplers, laterals, isolation/gate valves, etc., to the owner and their representative before final application for payment. Provide one reproducible and three prints.

Vandalism

Minor vandalism or other damage to the plantings or related work shall be the responsibility of the contractor until all work receives Final Acceptance. major vandalism or damage caused by others through no fault of the contractor or is subcontractors shall be immediately brought to the attention of the owners representative who will be the sole judge as to the extent of such damage. Major damage is typically any damage over \$500 worth of

materials and/or labor required to repair the damage. For the contractor to be awarded additional monies under the provisions of “extra work”, stated in the general conditions, he shall have fully protected his work as specified herein. Any failure, however slight, of the contractor to have protected his work shall be grounds to nullify any request for additional remuneration.

Planting Specifications

1. General

Scope of Landscape Work

Include labor, equipment, material, incidentals, for the completion of planting, seating, and mulch work shown on the drawings, stated in the specifications, or otherwise required.

Planting Commencement

No planting work shall commence until the adjacent site improvements, drainage improvements, irrigation installation and finish grading has been completed. No heavy trucking or moving of equipment shall be permitted on newly completed sod or seeded areas. Further, the irrigation system shall have been tested in the presence of the operators representative and be in operating order prior to any planting, seeding or sodding.

Weather Restrictions

No lawn or planting work shall take place during inclement weather or when the ground conditions are, in the opinion of the owner's representative, not in a condition to be properly worked.

Irrigation & Establishment Restrictions

No seating or planting operations shall occur prior to April 15th nor later than September 30th.

Substitute Products

Request for substitution of products named in this section must be approved by the owner's representative one week prior to bid opening.

2. Products

Native Seed Mix

Contractor shall submit seed variety and mixture to the Project Engineer for approval. Quantity of bulk seed required to provide the specified PLS/1000 S.F. shall be calculated from purity and germination (as shown on sack tags) of the lot of seed actually purchased.

Hydromulch

Contractor shall submit variety and mixture to the Project Engineer for approval and must follow manufacturer recommendation for quantity and placement.

Biotic Soil Amendment

Contractor shall submit variety and mixture to the Project Engineer for approval and must follow manufacturer recommendation for quantity and placement.

3. Materials

Biotic Soil Amendment

50% ground well-aged cow or chicken manure, or ground sheep manure, 50% finely ground and aged wood chip, with a proven analysis to verify organic content, pH, electro-conductivity, nitrogen, potassium, and phosphorus content. A sample of the material will be supplied to the owners' representative with an analysis.

Hydromulch over Native Seeded area.

Following the application of the hydroseed of the native seed mix, hydromulch shall be applied at a rate consistent with manufacturer specifications. Contractor shall be responsible for the masking and or cleaning of all adjacent surfaces, including but not limited to: pavements, fencing, plant materials, buildings, utility appurtenances, and foundations.

Hydroseed Native Seed Mix

The native seed mix shall be the Buffalo Brand Foothills Mix, or approved equal. The mixture shall consist of 20% Western Wheatgrass, Arriba; 20% Streambank Wheatgrass, Sodar; 20% Annual Ryegrass, VNS; 15% Mountain Brome, Bromar; 15% Bluebunch Wheatgrass, Goldar; 10% Thickspike Wheatgrass, Critana. Contractor shall be responsible for the masking and or cleaning of all adjacent surfaces, including but not limited to: pavements, fencing, plant materials, buildings, utility appurtenances, and foundations.

Warranty

Maintenance Period for Seeded Areas

The maintenance shall begin immediately after each area is seeded and continue for 30 days or until final acceptance, whichever is longer. During this time the contractor shall be responsible for re-fertilizing, re-seeding, and re-mulched as directed by the Project Engineer or owner's representative. After 30 days or until final acceptance of the entire project (whichever is longer), maintenance shall become the responsibility of the owner.

Final Acceptance for Seeded Areas

The seeded area shall be accepted on the basis of having a uniform plant growth over the entire seeded area. Acceptable uniform plant growth shall be defined as when the scattered bare spots, not greater than (1) sq. ft., do not exceed (5%) of the irrigated seeded area. If determined deficient, the owner's representative will

direct the contractor on what seeded areas need to be re-seeded or replaced at the final walkthrough.

Final Inspection and Acceptance

Inspection of the work to determine completion of contract, exclusive of a possible replacement of plants, will be made by the owner's representative at the conclusion of construction operations. The condition of all planting will be noted and a determination made by the owners representative weather maintenance shall continue in any part. Contractor will be notified of acceptance of the work or any deficiencies in the requirements for completion. Plants must be in excellent and vigorous condition prior to Final Acceptance.