



Purchasing Division

ADDENDUM NO. 3

DATE: June 25, 2020
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Professional Engineering Services for N. Leach Creek Bridge at 24 Road & G Road
RFP-4802-20-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to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.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. I just wanted to confirm that the roadway design including how G road ties back down to the east will be done by the City's roadway engineer. So the City will provide the profile grade in conjunction with our bridge superstructure depth and constraints.

A. Correct, the City's roadway designer will coordinate the G Road vertical profile and roadway horizontal dimensions with the Consulting Engineer for the design of the bridge.

2. Q. Usually, our roadway designer would provide cross sections along the creek if needed by our hydraulic engineer. In this case, will the City be providing this task?

A. Yes, the City can provide the cross sections along the creek if needed for the hydraulic engineer. The City would request that the Consulting Engineer provide the locations for the cross-sections.

3. Q. Are the survey, base mapping, existing plans and as-built drawings in AutoCAD format? That means the design plans can be in AutoCAD format too.

A. All of the survey and base mapping information from the City will be provided in AutoCAD format (2020), and all Consultant drawings shall be in AutoCAD format. The only existing plans or as-built drawings available are the bridge widening plans in PDF format.

4. Q. Regarding the SUE work: There are utility locate marks in the area of the bridge now. Were those surveyed in and were any potholes done to determine depth? Also, who did the utility locates?

A. Those utility locate marks were requested by the geotechnical driller, and no potholes to date have been completed to determine utility depths. The City Surveyor shot in the locate marks in order to show them in the AutoCAD drawings.

5. Q. I see the existing structure has some aesthetic design on the bridge railing. What kind of bridge rails are going to be required? Will it be a combination sidewalk/bridge/pedestrian rail and who will be doing the urban design for it.

A. A combination pedestrian/traffic railing will be required for the bridge rails where sidewalks are proposed and are within the suggested AASHTO clear zone area, otherwise a typical Type 10M railing will be used. The City Engineer will work with the Consulting Engineer to develop the details of the pedestrian railing.

6. Q. There is a two month schedule for doing the preliminary and final design. That seems very tight considering there is environmental and SUE work that needs to be done. It seems that doing the construction this winter is a critical consideration. Is this correct?

A. Although North Leach Creek is not an irrigation ditch, it does carry return flows from the local irrigation ditches, as well as, stormwater runoff. It is important to have this new structure substantially complete prior to April 1, 2021, when the irrigation water starts flowing. The City wants to be under construction with the new North Leach Creek structure by December 2020 or January 2021 at the latest. This structure is priority because of the water presence during the warmer months and the sooner this new structure is completed the sooner the City can start with the proposed roundabout construction at the 24 and G Road intersection. Please delete paragraph 3 within Task 3 – Final Design Plans and Project Specifications, within the solicitation and replace with the following:

- Advertisement for Construction should be published on or about October 17, 2020 to allow for construction to occur during the winter of 2020/2021 prior to irrigation startup April 1, 2021.

As a result, the consultant shall have final construction plans and specifications completed by October 9, 2020. This October 9th date only applies to the North Leach Creek bridge structure and doesn't apply to the proposed G Road pedestrian underpass structure and the pedestrian pathway bridge structure. The due date for final construction plans and specifications for these two structures is December 18, 2020.

As for the utility SUE investigation, since all utilities attached to the existing bridge need to be either temporarily relocated or permanently relocated, the City doesn't believe a full-bore SUE investigation is necessary. The Consulting Engineer shall keep the cost of a SUE investigation included in their proposal for this project, however, the City suggest discussions between the City, Consulting Engineer, and utility owners be done prior to initiating a SUE investigation to determine if this particular project would benefit from a SUE investigation. If it is determined that a SUE investigation wouldn't add value to the bridge and pedestrian underpass projects, then the cost of the SUE investigation could be deleted from the scope of the Consulting Engineer's work.

7. Q. Will a full closure of G Rd from 24 Rd to Spanish Trail Dr be allowed for bridge construction?

A. No. However, G Road will be allowed to be closed to all traffic from 24 Road to the first access road into Canyon View Park which is about 328 feet east of 24 Road. The City will be working on getting additional right-of-way and easements from the property owner to the southeast of the intersection. The City anticipates getting a large area in the southeast property to serve as a staging area for the contractor. Once a final selection has been made on structure type for both the bridge and pedestrian underpass and final locations determined, the Consulting Engineer shall provide to the City in AutoCAD format the linework (horizontally and vertically) of the proposed structures so the City can finalize the right-of-way and easement documents.

8. Q. Will the existing utilities attached to the bridge need to be relocated, or will they be allowed to hang from the new structure? If relocated, will the relocation plan need to be coordinated/prepared by the bridge design consultant, or by the roadway project?

A. Currently, the City is in the early stages of utility coordination's with the utility owners. The City is meeting with the utility owner's on June 25th and 26th to discuss this proposed project and possible utility relocations. The Consulting Engineer shall prepare the relocation plan for the utilities to be relocated or attached to the new bridge structure and the pedestrian underpass and shown in the construction plans. All utility relocations will have to be considered for both the North Leach Creek bridge and the proposed G Road pedestrian underpass. The City and the utility owners will work with the Consulting Engineer as to whether the utilities get attached to the new structure(s) or if the utilities will be completely realigned around the new bridge structure and the pedestrian underpass. The City will reach out to the utility owners regarding if conduits need to be provided through the new structures for future utilities. For the pedestrian bridge crossing Leach Creek, the only conduits the City anticipates needing are for the pedestrian lights along the trail.

9. Q. Will the City require any bridge rail aesthetic treatments or any irrigation/electrical/future use conduit installed in the bridge structure?

A. Yes, bridge rail aesthetic treatments will be required. The Consulting Engineer shall consider basic urban design elements such as the bridge rails, retaining walls and pedestrian bridge approach railings and how they fit into the existing Canyon View Park.

Future conduits will need to be provided in the bridge superstructure. The City, Consulting Engineer, and the utility owners shall work together to determine if and where future conduits are needed along the bridge structure.

10. Q. Is CDOT participating in the administration of this contract (via CDOT Local Agency Program)?

A. Yes, the City was awarded a CDOT multi-modal options fund (MMOF) grant for the construction of the bike path along 24 Road which includes the two pathway structures (Leach Creek pedestrian bridge and the G Road underpass structure). As a result, the construction plans and specifications for just the Leach Creek pedestrian bridge and G Road underpass will need to adhere to CDOT Local Agency requirements. The grant the City received is only for the construction of these two structures and doesn't include design fees and right-of-way/easement acquisition fees (The design fees of these two structures shall be kept separate from the design fees of the G Road bridge over North Leach Creek).

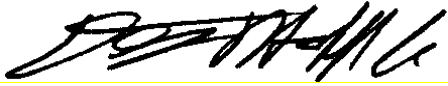
11. Q. Will the City provided Geotechnical Investigation Report include geotechnical engineering recommendations and design criteria for the G Road and Pedestrian Bridge Foundations, the Pedestrian Underpass, and the wall system needed to achieve the grade change to the Pedestrian Underpass? Or should this work be included within the SOQ and fee proposals?

A. Yes, the Geotechnical Investigation Report will include recommendations for the bridge foundations and the underpass, along with the retaining wall recommendations.

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

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a thin yellow horizontal line.

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