

West Midland Shared Use Path - BD 2016-038
City of Glenwood Springs
Question and Response Document

- 1) Is the Bridge being supplied by the City? Reference in specifications 29.02 & 45.01
 - a. *No, the Bridge will be supplied by the contractor and included in the Contractor's bid*

- 2) Project Time; it states completion in 60 CD- reference 5.01 but commencement and completion of work states "all work completed by December 16, 2016. Which is correct?
 - a. *The completion time is December 16, 2016*

- 3) Revision to section 601- Precast Concrete panels 6", Reference PSP-47, Panels are not used for this project.
 - a. *Section 601 – Precast Concrete Panels is deleted from the project*

- 4) Revision to section 626- Reference PSP-48 Closure of River use?
 - a. *The Revision of Section 626 is deleted from the project*

- 5) Traffic Control Plan - reference PSP-55 River spotter requirements for river closures?
 - a. *See revised Traffic Control Plan – General PSP.*

- 6) The Bid Item "Traffic Incident Management Plan Implementation" Is this bid item for developing a plan or is this for all traffic control requirements to construct this project?
 - a. *Bid Item has been removed and replaced with 630-00008 Traffic Control (Special). This item is to be used for all traffic control requirements for this project. See revised Traffic Control Plan – General PSP.*

- 7) Can construction access be attained thru the commercial center parking lot or does all construction access have to be attained from Midland Avenue?
 - a. *Construction access must be attained through Midland Ave unless Contractor obtains and submits written permission from property owner and tenants.*

- 8) Can Midland Avenue have one lane closures for construction access? What are the acceptable hours of restrictions?
 - a. *Single lane closures are subject to the approval of the Engineer and must be submitted for approval 48 hours prior to the time of the proposed closure. Single lane closure hours may be allowed with the exception of 7a-9a and 3p-6p.*

- 9) Midland Avenue will require a closure for Bridge assembly and bridge erection; please note 120' bridge will not come in one piece and will require a staging area prior to erection. What are the acceptable hours of closure?
 - a. *Full closure of Midland Ave for the purposes of Bridge assembly and erection are subject to the approval of the Engineer and must be submitted at least one week prior to proposed closure. Full closure may be allowed from 10p-6a.*

- 10) Can the traffic control be broken into several bid items such as traffic management days, flagging hours, etc.?
a. No, traffic control will be paid under item 630-0008 Traffic Control (Special)
- 11) Plan sheet # 10, note # 7- There is no bid item for sanitary facilities
a. The revised Bid Schedule has included an item for Sanitary Facilities
- 12) Plan sheet # 11, Division 600-note # 2, No survey bid item is shown in schedule? Survey by the City?
a. The City will provide construction survey.
- 13) Sheet 46 & 48 has note "Bid Item- Unclassified Excavation (CIP)(Special). This bid item is missing from the tabulation.
a. The revised Bid Schedule has included an item for Unclassified Excavation (CIP)(Special)
- 14) Note # 1 on sheet 29 that states the pond liner supplied and installed by Colorado Lining International. Will any other supplier or installer be acceptable?
a. Yes, Material must be approved equal and installer qualified
- 15) Can you provide us with the soils report that is reference in the plans?
a. Yes, the Soils Report has been included in the Addendum
- 16) Is the removal and storage of topsoil in your unclassified excavation quantity of 1721 cy and 689cy?
a. No topsoil has been identified on the project site.
- 17) Do the Micro Piles have to be 6" if the project design criteria can be meet with another sized Micro Pile design?
a. The micro-pile's must be a minimum of 6"
- 18) Do Inlets require class 1 backfill materials under and around the concrete structure per CDOT specifications 604.05?
a. Yes
- 19) Could the quantity of Class 6 quantity be double check? I came up with a large quantity over-run.
a. Quantity will be checked and any discrepancy reflected in the revised bid schedule and SAQ.
- 20) I can't find the location for both the reset water service and valve box in the plans. What size is the existing service?
a. Size is unknown, contractor to pothole prior to construction to verify size and depth of waterline. Box is located near station 16+30.00

- 21) Who is going to perform the “relocate telephone and fiber optic line work”? Does the contractor need to provide the trench and backfill? Is the method of payment by “F/A Reset Utilities”?
- a. *In the event of FO and Telephone relocates the utilities are in City ROW and will be relocated by the utility company. F/A Reset Utilities will be used for any unforeseen utility relocates.*
- 22) Should both F/A items have an estimated dollar amount in the bid form? If so, what are the amounts?
- a. *The revised Bid Schedule shows a value of \$120,000 for the West segment and \$40,000 for the East segment.*
- 23) Could the quantities for the drainage pipe be double check? I had 9lf of 12”vs 29lf, 137lf of 18”vs 218lf, 122 lf of 24”vs, with the balance of 36” matching the bid quantity. It appears the bid quantities do not match the sizes shown on the drainage plans.
- a. *The revised Bid Schedule is attached and reflects accurate quantities.*
- 24) Please specify details (color, size, etc.) for the MSE Wall block.
- a. *The contractor is to provide samples to the city. Color will not be specified in the plans but must be in the brown to red spectrum*
- 25) If there is a spreadsheet version of the bid schedule can you send it out to aid in bid submittal?
- a. *Yes, included in addendum*
- 26) Are there any special insurance requirements relating to the work adjacent / below the railroad ROW that we should be aware of?
- a. *Contractor is to coordinate with UPRR to determine insurance requirements. CDOT Standard Specifications for Railroad insurance requirements are attached in the addendum.*
- 27) In several locations throughout the PSP section, it appears that many references to the Grand Ave. Pedestrian Bridge Relocation project and not the Shared Use Path project have been included. Can you provide some clarification as to what specs apply to this project? (River Closure, Micro piles, Old Bridge Information etc..)
- a. *River Closure clarified above in 5); Micro-piles in 17); Bridge reference in 1)*
- 28) The plans refer to the PSP for details on the UPRR Right-of Entry permit but nothing is listed in the PSP. Can you provide details and / or contact information for UPRR.
- a. *A UPRR ROE permit is not required for this project.*
- 29) Is it anticipated that adequate topsoil will be generated on site to use for re-spreading or should we anticipate imported top soil from an off-site source?
- a. *Based on geotechnical report and site investigation no topsoil will be available onsite. Topsoil from an outside source should be imported.*

- 30) Will there be access available on the road that accesses RFTA / Sewer Plant to facilitate construction? Specifically for concrete deliveries, cranes, etc.?
- a. *Yes, with prior written approval from the City and RFTA*
- 31) The Force Account (FA) bid items on the Bid Schedule are shown as a quantity of 1. Is there a dollar amount that you want to show und FA or should we leave it blank?
- a. *See response to 22)*
- 32) Are the boulders for the Boulder Retaining Wall (Bid Item #16 East) to be imported or is it anticipated that we will generate them onsite during excavation work?
- a. *Contractor shall import material for boulder wall. On site material may be approved during construction.*
- 33) Would the City consider extending the bid date from the 14th? Some of the large suppliers and sub-contractors may not be able to quote the project (Walls, Bridge) by the 14th.
- a. *The bid date has been changed to July 21st.*
- 34) Can we get a copy of RJ's soils report (15-077G-G1 1/6/16)?
- a. *Yes, it will be issued with addendum.*
- 35) I understand from the plan Sheet 81 that the max service load is 26 tons and is the design load for the piles, is this correct?
- a. *The loads were determined using the most current AASHTO LRFD methodology. The foundation system was similarly designed. This design procedure produced the Maximum Factored Load listed in the pile schedule and is an ultimate load using load factors and combinations from AASHTO. The micro-piles should similarly be design using the AASHTO LRFD methodology utilizing appropriate reduction factors. The Maximum Service Load listed in the pile schedule is not an ASD design load and was determined using AASHTO LRFD load factors and combinations.*
- 36) Specification section 503.14 states that the micro-pile contractor shall determine the final drill hole diameter. Plan sheet 81 lists a 6" diameter foundation size. As long as the design and piles resists the 26 ton design load the diameter of the pile is up to the contractor, correct?
- a. *See response to 29) concerning design load. The pile arrangement was determined assuming a minimum pile diameter size of 6". Contractors are free to use larger micro-piles, but shall not use a pile diameter smaller than 6".*
- 37) Plan sheet 81 note 4 states that proof testing will consist of one production pile per abutment. Section 503.20 of the specifications requires 1 verification test and 11 proof tests. What are the requirements for testing?
- a. *Only one proof test is required per abutment and the specification section will be edited to reflect the same.*

- 38) Is there a location close to the site where the contractor would be able to stockpile materials such as class 6, material from clearing and grubbing, etc.
- a. *The City has identified the dirt parking lot at the wave near the intersection of Midland and Devereux as a possible staging area. Any other staging areas are to be determined by the Contractor.*
- 39) On the MSE wall, is the 4865 s/f the exposed quantity or the total s/f?
- a. *Total SF as depicted by the DH dimension in the typical sections.*
- 40) On page PSP-5 the completion date is December 16th, on page SGC-3 the completion date is 60 days and on BD-12 it's 90 days, all three dates are from the notice to proceed.
- a. *See response to 2)*
- 41) Will the contractor need to have rail road insurance or a rail road flagman for portions of the project?
- a. *UPRR requires a flagman anytime the track has potential to be fouled (anything entering their right of way and 25ft for equipment / men). Example: you have a crane boom 100ft long and you were 100ft from the track you would need a flagger (potential to foul)*
- 42) The prefabricated truss bridge drawings show a HSS 12x6x.25 arch next to the bridge. Is this arch to be connected to be bridge in anyway?
- a. *Yes, the arched tube is to be attached to the bridge. The detail of this connection is to be developed by the fabricator and included in the bridge shop drawings*
- 43) Will all utility relocations including fiber optic go under line item 76 on the bid schedule?
- a. *Any utility relocates that are the responsibility of the contractor (not including reset water line bid item) will be paid for under Item 79.*