

South Midland Bid Questions – Received via Email after Addendum #1:

- 1) Q: Can the bid date be extended. If questions are to be submitted by Friday October 23, and lets say answered by Tuesday October 27, this gives the contractors a couple of days until bid time on a very complex project. Extending it to Nov 4, 5 or 6th would allow contractors to have additional time to review the last addendum as we only have a few weeks to estimate a project that has been on the works for a good amount of time. In addition, the next addendum will also include a revised bid schedule, which we would need time to review.

A: The bid submission deadline is extended to November 3, 2020 2:00 pm local time.

- 2) Q: Q20 on Addendum 1 says that Cad Files will be made available to the successful bidder. It would be beneficial for estimating purposes if these can be provided prior to the bid.

A: The Cad files are not available at this time.

- 3) Q: Can you provide the estimate flows of water that the Eby Sullivan Ditch carries when is flowing as well as 3 Mile Creek

A: The Eby Sullivan Ditch decreed flow is 0.2 CFS but the flow within the ditch may be greater during runoff periods as the ditch geometry determines its ultimate capacity. 3 Mile Creek is ungauged so accurate flow data is unavailable. Contractor is encouraged to review the current onsite flow conditions and may review USGS Stream Stats information for a calculated estimate of flow data.

- 4) Q: With the bid being emailed, what is the plan for a public opening of the bids?

A: Given the current situation with limited access to City Hall, the Bids will be opened following the submission date and time. The apparent low bidder will be notified within 24 hours.

- 5) Q: Please confirm that the CL Agg Base Course on Bid 304-06000 is for both the roadway and backfill of any waterline and sewer installation

A: The quantity for item 304-06000 Aggregate Base Course (Class 6) includes the roadway base course. Bedding material and backfill material for pipes and culverts are not included in this quantity. Refer to the response to Question 24 in Addendum #1 for more information.

- 6) Q: Section 202 for removal of asphalt [mat] calls for asphalt millings to become property of the City. Is this assuming there are millings available or the contractor choses to mill?

It would be beneficial for contractors to use millings during utility installations

A: The contractor is to remove the asphalt mat by milling/planing as accounted for in item 202-00240. The contractor may separately stockpile within their staging area a limited amount of the material that is anticipated to be used for construction purposes. At the completion of the project the separate stockpile shall be combined with the COGS stockpile at no cost to the City of Glenwood Springs.

- 7) Q: Is bid item 203-01597 Potholing and 203-01620 Sweeping intended to cover all the potholing and sweeping associated with this project? If no, please provide an explanation as section 203 only talks about being directed by the engineer.

A: Yes.

- 8) Q: Can you provide the crew make up for the rock scaler bid item in order to ensure this is priced correctly by the hour.
A: The crew makeup would have to be determined by the rock scaling contractor.
- 9) Q: Section 203 for rock scaling states that it will be for shown areas on the plans or as directed by the engineer. It also states that hauling and disposal is to be included on this work. Can a bid item be added for CY's for haul and dispose[?] It is difficult to price this when the specs allow for such a gap or interpretation.
A: The hauling and disposal is to be included in the cost of the scaling work per Revision of Section 203.
- 10) Q: With this project following the CDOT format for pay items, the following should be added in order to minimize changes and follow this standard for the whole the project. 203-00059 Unsuitable Material, 203-01100 Proof Rolling, 208-00103 & 00105 Removal and disposal of sediment, 620-00002 Field Office, 620-00020 Sanitary Facility.
A: Muck Excavation item is being used for unsuitable material. See Sheet 6, Division 200 note 12 regarding proof rolling. The 208 items for removal of sediment will be added per Addendum #1. A field office will not be added (an office is not required for City, CM or testing personnel and would only be for the convenience of the contractor). A sanitary facility item will be added (quantity = 1).
- 11) Q: Are the quantities on the bid documents neat line or do they carry over runs?
A: Irregularity factors are included for some items as noted in the tabulations (e.g. Earthwork, Surfacing, Retaining Walls).
- 12) Q: Will there be any incentives for asphalt paving smoothness, ride, thickness, etc?
A: No.
- 13) Q: Should there be a bid item for Section 626 Public Information Services
A: No, the City is providing Public Information Services through an independent contract. Please refer to Revision of Section 626 for contractor's communication requirements. Division 600 Note 8 on sheet 7 will be revised.
- 14) Q: Specs under utilities call for the contractor to provide traffic control for Black Hills Energy, Century Link, Glenwood Springs Electric, Glenwood Springs Water. Will the lane rental costs be waived if they are not in spec since they are not tied contractually to the contractor?
A: Lane rental costs will not be charged to the contractor for work performed by utility providers.
- 15) Please provide a detailed schedule for Black Hills Energy that is in line with spec section 105 in order for the contractor to be able to meet this requirement and price it accordingly
A: The contractor is hereby notified that Black Hills Energy (BHE) will be completing system upgrades within the S. Midland Reconstruction project limits. The BHE project has been designed to move and adjust the existing system to accommodate proposed S. Midland Project elements.

The anticipated duration of work for the BHE project is 3 months and they are anticipated to work from North to South. The earliest start date for BHE is Nov. 12th. The BHE Project Plans are attached in addendum 2. The contractor shall coordinate all aspects of work with BHE and their contractors for the duration of the overlapping schedules. The contractor will not be afforded additional contract time or compensation for this coordination. Spec Section 105 will be revised to include this information.

- 16) Q: If ground water is encountered during the pipeline installation, a dewatering pump will need to be active 24/7 in order to not jeopardize the trench and send water into the pipe. Was this taken into consideration for the lane rentals as it will be nearly impossible to perform this task without additional room?

A: This was not taken into account. Groundwater may be present and would likely fluctuate seasonally if it is present; however, no groundwater was encountered in any of the subsurface investigations at the time of drilling as indicated in the Geotechnical report.

- 17) Q: Will the lane rental be waived for areas where the pipe needs to be encased or will the specs be changed in order to backfill immediately after the encasement is placed? Even though the encasement might not be directly on the road, it will affect the road for access

A: As noted in the question, the encased section of the pipe is not directly in the road and lane rental fee not be waived for situation.

- 18) Q: There are multiple waterline connections with fittings that will require kickers at the fittings. Will the lane rental be waived for these areas or will the specs be changed in order to backfill immediately after the concrete is placed?

A: Lane rental fees will not be waived for this situation.

- 19) Q: For concrete paving, will the one lane rental be waived or will traffic be allowed sooner into the concrete as well as winter protection?

A: It is assumed from the concrete paving item this question is referring to the roundabout. It is anticipated that most of the roundabout concrete paving can be constructed while maintaining two lanes of traffic as shown in the phasing plans. It is likely that some lane closures will be required, but an allowance for some nominal lane closures for roundabout construction have been included in the calculation of the F/A amount.

- 20) Q: Based on section 613 Lighting's table 613.14 Basis of Payment, it would appear as there are Pay Items missing from the bid schedule. Please confirm.

A: It is common to not have all of the items listed in a CDOT basis of payment section required on a project. If there is a specific item that is in question, please submit a question for the specific item.

- 21) Q: Is this project a Davis Bacon and Certified Payroll project?

A: Yes.

22) Q: Is this a State and City tax exempt project?

A: Refer to the Supplemental Conditions Section #4 in the Invitation to Bid for Tax exemption information.

23) Q: Is there a profile for the proposed waterline that can be provided similar to what was provided for drainage?

A: Station and invert elevations are shown in the plans. Pipe slopes can be added to the plans if desired after bidding.

24) Q: What bid item should be used for the 8' MH 9L2 on sheet 111?

A: This is included in the drainage tabulation on sheet 91 in the "Outfall Line" items.

25) Q: Due to the size and depth of MH 9L2 the excavation on Sheet 111, shoring and crane needs, will most likely require a shut down of Midland Ave in order to be able to perform the work safely. Please advise what time of the day is best to perform this shut down, which will take several hours.

A: Midland Avenue can not be shut down entirely for emergency response reasons.

26) Q: MH68R on Sheet 124 does not appear to have enough cover to build it as a MH and will need to be constructed a some type of box base MH. Should be bid it as it is and adjust once awarded or will there be a change to this MH during the bid?

A: A flat top manhole may be required at this location.

27) Q: Please provide the locations of the 6" air vents on the ARV's in order to price this work accordingly or provide a bid item for this pipe

A: The 6" air vents on the ARV's will not be paid for separately but shall be included in the work.

28) Q: Are there profiles available for the water services and laterals?

A: No, these will likely require some field fitting.

29) Q: Are there asbuilts or profiles available for all the utilities, in particular the waterline around the proposed pond on Sheet 130?

A: No as-builts or profiles are available.

30) Q: Where will the Water Pipe Insulation Detail on Sheet 156 be [used] and how will it be paid?

A: At sewerline and storm drain crossings as shown in the waterline plans. The insulation detail will not be paid for separately but shall be included in the work.

31) Q: Does the block wall need to meet AASHTO LRFD requirements?

A: Yes. As noted in Design Data on plan sheet 157 and in Revision of Section 504 subsection 504.03, the block wall shall meet AASHTO LRFD requirements. Therefore, any alternate wall design such as the Redi-Rock Type 1-AT system mentioned in Addendum #1, must meet these requirements.

32) Q: Is casing or encasement required for the sanitary sewer line where it crosses the waterline at Station 53+85 on sheet 146?

A: Yes. The sewer pipe shall be encased from the manhole to a point 10' past the waterline. The Water Main Encasement detail on sheet 154 is to be used for the sewer line. The quantity for Item 603-01305 PIPE ENCASEMENT will be increased by 16 LF in the Summary of Approximate Quantities sheet and in the Bid Schedule.

33) Q: Is As-Built survey information required for the waterline, electrical and broadband lines?

A: Yes. The contractor will be responsible for providing As-Built survey information for these items.

34) Q: Would a bid option for staining the sculpted soil nail walls be considered in lieu of pigmented concrete?

A: A bid option will not be added; the city's preference is for the integral color per specification.

35) Q: Due to the complex nature of this project and the fact that the Q&A responses from addendum 1 state that there will be at least one additional addendum with changes to the bid schedule, we respectfully request that a bid extension of at least 1 week be granted?

A: The Bid date will be extended as noted in question 1.

36) Q: Will ReCon retaining wall system be approved as an equal for this project and will bids submitted with this material be accepted?

A: Precast modular block wall systems that meet the requirements of the specifications, desired aesthetics and design criteria are considered acceptable for this project. The Contractor will be required to provide an engineered design for the substitute system, including design calculations and plans stamped by a Colorado P.E. This additional engineering design work will not be paid for by the City. Any increases in quantities resulting from a substitute wall system will not be paid for by the City.

A revised Bid Schedule will be provided with a future addendum after all questions are received. In the meantime, the following table summarizes the current revisions that will be incorporated into the revised Bid Schedule. These revisions supplement the previous revisions noted in Addendum #1.

CDOT REF. NO.	CONTRACT ITEM	UNIT	QTY	COMMENT
212-00006	SEEDING (NATIVE)	ACRE	1.1	Revised quantity to nearest 0.1 acre
212-00032	SOIL CONDITIONING	ACRE	1.1	Revised quantity to nearest 0.1 acre
213-00012	SPRAY-ON MULCH BLANKET	ACRE	0.6	Revised quantity to nearest 0.1 acre
603-01305	PIPE ENCASEMENT	LF	101	Revised quantity
620-00020	SANITARY FACILITY	EACH	1	Added item