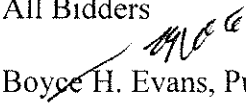


ADDENDUM NO. 2

DATE: September 19, 2017
TO: All Bidders
FROM:  Boyce H. Evans, Purchasing Agent
SUBJECT: Addendum No. 2 – North Central Street Streetscapes Project
BIDS TO BE OPENED: September 27, 2017, at 11:00 a.m. (Eastern)

This addendum is being published to make changes to the Contract Documents and specifications as well as respond to questions that the City has received from potential bidders. The City's responses hereby become a part of the Contract Documents and modify the original specifications as noted below.

Clarifications to the Contract Documents & Specifications:

1. Natural sand shall be used in all new concrete (sidewalk, curb, etc.). No manufactured sand shall be contained in concrete mixes. For color consistency, the same concrete mix shall be used throughout the project.

Questions Received:

Question #1: Do the existing utilities shown on the plans reflect the recently relocated utilities? Are the old utilities completely condemned?

Response #1: Yes, the plans reflect the recent water line replacement that was done by KUB. Most of the old lines were abandoned in place. They were removed only if in conflict with a new line.

Question #2: Is there a laydown area available for this project?

Response #2: Yes, the paved area within existing ROW on the east side of N. Central just south of Baxter (approximately 20' x 500') may be used as a staging and laydown area, provided that it is adequately separated from active traffic and that it ensures safe ingress and egress from driveways in the area. If additional space is needed, other paved areas within existing ROW/project limits and outside of the vehicle travel lanes may be used, with the same conditions as stated above.

Question #3: Do the quantities for the pavement items account for patching required after storm drainage installation?

Response #3: Yes, for mineral aggregate base and asphalt binder course (Items 303-01 and 307-01.08).

Question #4: Regarding note 2 on the civil layout sheets (sheets 4-11), who will make the day to day decisions regarding existing storm to remain and storm to be abandoned?

Response #4: Jeremiah Davis of Amec Foster Wheeler (865-209-9486) will be the Resident Engineer.

Question #5: On sheet 6, can you provide the size, shape, and condition of the existing manhole B-25 to remain?

Response #5: This information is not currently available. At the time of the original survey, it was not indicated that this structure was in poor condition and would need to be replaced. However, if it is determined by the Resident Engineer that replacement is necessary, it would be added as a change order at that time.

Question #6: There are several locations where the proposed storm could undermine existing wood poles carrying power, traffic signals, and communication lines. Will the City or KUB furnish a pole truck to secure these lines while the storm is being installed?

Response #6: The contractor will need to coordinate with KUB (electric/lighting) or the City (signal) to have a pole truck on site during the storm sewer installation. The City has indicated there will be no direct cost associated with this.

Question #7: Item 716-10.30, Truncated Dome Detectable Warning Mat, appears on the bid form but not in the tabulated quantities or in the specs. Is this item meant for the 5 ramps at the East Magnolia/North Central intersection and the one ramp at Bearden Place? Should this item include demo of the existing ramps?

Response #7: This item covers all new truncated dome mats on the project. The demolition to retrofit existing ramps with yellow mats at Magnolia and Bearden is included in Item 202-03.

Question #8: There is no spec section for the sand blasted concrete or the enhanced concrete, can you provide more information? Maybe a rendering?

Response #8: Section 321313 Concrete Paving covers sand blasted concrete. 2.1 B is "Exposed Aggregate" and 2.1C specifies "Fine Aggregates" for the sand. Section 3.7 Finishing includes language for a light broom finish, but does not specify the sand blasting. However, Sand Blasting Notes on Sheet L108 specify "Medium Sand Blast Finish: generally expose coarse aggregate: 3/16 to 1/4" reveal." Plan revision is pending to remove "HS- Heavy Sand Blast Finish". Also, "MS-Medium Sand Blast Finish" will be revised to "SB-Sand Blasted Concrete" to match legend and text on plans. The reveal will remain 3/16"-1/4".

Question #9: Will the sand blasted finish not make the sidewalks more likely to be damaged by salting in the winter?

Response #9: A sand blasted finish perhaps allows more surface area for salt but if the concrete is finished appropriately it should be fine and weather consistently with the other non-sand blasted surfaces.

Question #10: Can you provide details for the sidewalks joints?

Response #10: For the enhanced sidewalk areas around Baxter, jointing details are provided on Sheets L109-L111. For all other sidewalks, follow City of Knoxville standard detail COK-06.

Question #11: There is no pay item for excavation. How is excavation for the planting soil and for the curbs paid?

Response #11: Excavation is not paid for separately on this project. All excavation to install curb, storm sewer, planting soil, etc. is to be included in those items. Some of the excavation may be offset by other items such as Removal of Asphalt Pavement.

Question #12: Who performs the percolation tests for the planting soil? What is the required frequency of the tests? If excavation beyond 36" is required, who determines the new depth and how is the over-excavation paid?

Response #12: Typically the landscape contractor performs the tests. If the soil percolates, only one test needs to be completed. If the soil does not percolate, there needs to be another test after remediation. If it is impossible for the soil to percolate we will have to debate as a team the best solution for a particular area. Our notes on Sheet L108 state that excavation beyond 36" needs to be done to a point of percolation. This is paid for under Item 920-10.03, Planting Soil.

Question #13: Is the planting soil just clean topsoil? What specifications should the planting soil meet? Testing requirements are detailed in spec section 32 91 13, 1.5D but desired results are not clear.

Response #13: Section 32 91 13 Planting Soil, Spec 2.1B (Planting Soil – GENERAL) states "planting soil shall be topsoil stripped and stockpiled and meeting, or modified to meet, the requirements of this specification section". 2.1C states, "planting soil shall be free of plants and their roots, debris and other extraneous matter. It should be uncontaminated by salt water, foreign matter and substances harmful to plant growth". And 2.2A states "soil additives shall be used to counteract soil deficiencies as recommended by the soil analysis and as supplements for lawn construction as specified herein". The desired results are covered in 1.5E: "Test shall show recommendations for soil additives to correct any deficiencies."

Question #14: Sheet L108 references sleeves but none are shown on the plans. Where are sleeves to be located and how are they paid?

Response #14: Plan revision pending: no sleeves are necessary.

Question #15: Sheet L108 references two different sand blast finishes but the landscape plans only reference "Sand Blasted Concrete", how are the two different finishes distinguished?

Response #15: Plan revision pending: there will be only one sand blasted finish.

Question #16: Are tactile warnings required for the KAT shelter pads?

Response #16: Yes, a 2'x4' detectable warning mat is required directly in front of each KAT bus stop pad at the back of proposed/existing curb, except for the pads at Bernard and Anderson (there are proposed ramps with mats at these locations). The quantity for Item 716-10.30 will be increased by 40 S.F.

Question #17: Detail 1 on sheet L200 shows a vertical cut between the curb and sidewalks meant to form the planter areas. There is no separation between the base materials and the planting soil, and the excavation extends below the base of the curb. Will settlement of the curbs and sidewalks not be an issue?

Response #17: Settlement will not be an issue given the nature of the existing subgrades and compaction requirements of the planting soils.

Question #18: Are bidders supposed to bound their proposals? The City of Knoxville Supplemental Conditions state under Addenda ~ Specifically, bidders must print off, initial, and submit each and every addendum to the ITB by attaching the addenda to the inside front cover of the bound Bid Proposal Contract.

Response #18: The Contractor shall acknowledge receipt of any project addenda on the Addendum Acknowledgement Form provided in the Bid Package. While the Contractor does not need to submit a bound Bid Proposal Contract, the Contractor shall submit this Bid Package in its entirety.

END OF ADDENDUM NO. 2