

TRANSMITTED VIA EMAIL

June 27, 2023

To: Eligible Bidders

RE: Bid Addendum #2
Willis Hodges Road Improvement Project
Baker County Project No. 2023-09

Eligible Bidders:

Following are bidder questions (Q#) in **bold** text followed by responses (R#) in normal text.

Q1. Is any tree removal anticipated for the base and alternate bids? Only light clearing & grubbing on Bid Form.

R1. No tree removal is proposed for the project. Any tree removal work will be completed by the County prior to commencement of work by Contractor.

Q2. Proposed dirt road cross sections for the alternate bid reflect earthwork to be done. Why are there no earthwork quantities for this?

R2. Alternate Bid work will begin at Station 19+60. No grading work is shown from Station 20+00 to the project end near Station 25+00. In reality, there will be some reworking of the roadside ditch where the proposed storm sewer outfall pipe is proposed; however, this work should be considered incidental to the construction of the storm sewer outfall pipe.

Q3. The plan notes on sheet 200 conflict regarding removal and replacement of unsuitable materials. Will the contractor be reimbursed for removal and replacement of unsuitables per the Geotech report and FDOT indexes or are we to include the activity in our lump sum bid items?

R3. The County does not anticipate a need to remove and replace

unsuitable soils for either road construction or the construction of the storm sewer system. However, should the Contractor encounter subgrade pumping, and is not able to achieve a LBR of at least 40 for the subgrade because underlying soils, then removal and replacement of underlying unsuitable material will be paid for on a unit cost basis.

Note that Bid Item 5 on the Bid Tabulation Form now includes an item to Remove/Replace Unsuitable Soils. A quantity of 1.0 cubic yard (CY) is provided solely to establish a unit cost and payment rate. This quantity does not represent an estimate of actual construction quantities. The Contractor shall obtain written approval from the County, in advance, before completing any removal/replacement of unsuitable material work.

The unit cost specified by the Bidder for removal and replacement of unsuitable materials shall include all costs, including, but not limited to, excavation, stockpiling, off-site disposal, imported borrow material, backfilling and compaction.

Q4. Will removal & replacement of unsuitables in storm drain pipe trench and below pipe/structures be paid as extra work by change order?

R4. The water level in the existing storm water management facility (pond) has and will continue to be maintained at elevations below the invert elevations of pipes to be installed in the vicinity of the pond. Moreover, the pipe under the roadway will have a minimum cover of approximately 5.25 feet, which should be more than sufficient cover so that backfill and compaction within the pipe trench can provide a suitable subgrade bearing surface.

Accordingly, the County does not anticipate the need to remove and replace unsuitable materials below the proposed storm sewer system. However, should the Contractor encounter a condition where removal and replacement of unsuitable material is necessary, this work will be paid for on a unit cost basis.

Note that Bid Item 5 on the Bid Tabulation Form now includes an item to Remove/Replace Unsuitable Soils. A quantity of 1.0 cubic yard (CY) is provided solely to establish a unit cost and payment rate. This quantity does not represent an estimate of actual

construction quantities. The Contractor shall obtain written approval from the County, in advance, before completing any removal/replacement of unsuitable material work.

The unit cost specified by the Bidder for removal and replacement of unsuitable materials shall include all costs, including, but not limited to, excavation, stockpiling, off-site disposal, imported borrow material, backfilling and compaction.

To avoid construction delays, that Contractor shall coordinate with the County in advance regarding construction schedule so that the County can be present when pipe trench excavation is in progress. In this way, the County can approve any request to remove unsuitable materials in a timely manner.

Q5. Is any work other than traffic markings required for the existing paved portion of the roadway?

R5. The only work proposed for the existing paved portion of the roadway is traffic markings. No other work for this segment of the roadway is proposed.

Q6. Are the quantities for 6-inch yellow and white paint traffic markings double that of what is required in order to cover two coats of paint, and will the contractor be paid bid unit price for each coat of paint?

R6. The quantities for the 6-inch yellow (centerlines) and 6-inch white traffic paint markings (edge lines) are double the actual length of markings to account for two coats of paint. The contractor will be paid the bid unit price for each coat of paint. For example, for the first coat of 6" solid white edge line paint, the Contractor would be paid $(4,792/2)$ LF x Item Unit Cost.

Q7. Why are the 8-inch and 24-inch traffic marking items not provided with enough quantity for two coats?

R7. Because the engineer did not think about it when preparing the bid tabulation forms. But you are correct. The bid tabulation forms have been adjusted to account for two coats for both the 8" and 24" solid white paint markings.

Q8. Will a milling item be added for the tie-in to existing pavement?

R8. Milling has been added under Bid Item 4 on the bid tabulation form.

Q9. Does the asphalt tonnage item include the tie-in/resurfacing, widening and turnouts along with resurfacing the main roadway?

R9. Tonnage for the areas specified was not included on the Bid Tabulation Form. Quantities on the Bid Tabulation Form have been updated to account for the butt joint in Willis Hodges Road, the new BTC driveway and the new private residence driveway.

Q10. Do any of the existing swales along the existing paved roadway need to be re-graded/sodded as called out on the plans or are these callouts incorrect?

R10. Modifications to the existing swales along the existing paved roadway will be completed by the County and are not part of the work to be completed by the Contractor.

Q11. Is there a specified/recommended product or manufacturer for the 58"x36"x 24" Tee to be installed in the Turkey Creek cross-drain to match the 5 year old pipe being provided by the county? Would the engineer consider deleting the tee and terminating the 24-inch pipe run in the rip-rap adjacent to the double 58"x36" outfall? This would facilitate completing the cross drain in a single day?

R11. One of the 58" x 36" CMP cross drain pipes to be provided by the County has a fabricated 30" tee already built into the pipe. The Contractor will only need to connect the downstream end of pipe P-050 (24" round) into the 30" tee using a concrete collar. Note that the plans say 24" pre-fabricated tee; however, the tee is actually a 30" leg that will accept a 24" pipe connection and be sealed by a concrete collar.

Q12. Please change the "Winged EW" unit on both Base and Alternate bid forms to "EA" instead of "LF".

R12. The Bid Tabulation Forms have been updated.

Q13. Why are no quantities included in the Alternate Bid for the following items?

- a. Remove and Replace Mailboxes**
- b. Excavation – Regular**
- c. Embankment/Fill**
- d. Borrow – Structural Fill**
- e. Prepared Organic Soil Layer 2” (The bid form includes sodding and seeding)**

R13. These items are not required for the Alternate Bid. Removal and replacement of mailboxes off the road segment to be paved will be completed by the County. Costs for excavation for drainage structures and pipes are to be included in unit costs for drainage structure and pipe items. Any earthwork required for the cross drain will be paid for under Bid Item 9 “Install 58” x 36” CD”, which is a lump sum bid item. No prepared organic soil layer is proposed for the unpaved portion of the project.

All possible bid items are included on the Base Bid and Alternate Bid Tabulation forms, even when an item may not be required for a particular bid option.

Q14. Is any tree protection required for the project?

R14. No tree protection barricades are required for the project. However, the County expects that the Contractor will avoid existing trees to the maximum extent possible. Any tree removal will be completed by the County.

If you have additional questions, please transmit via email.

Sincerely,

TARBOX Consulting and Design, Inc.



Troy Tarbox, P.E.
President

ECopy: Chris Lee, Baker County Road Superintendent