

## ADDENDUM NO. 2

DATE: October 24, 2017

TO: All Bidders

FROM: Boyce H. Evans, Purchasing Agent

SUBJECT: Addendum No. 2 – Merchant Drive / Clinton Highway Intersection Improvements Project

TDOT PIN: 120315.00

STATE PROJECT #: 47LPLM-S3-095

COK PROJECT #: 13B-R-0550

BIDS TO BE OPENED: **November 1, 2017, at 11:00 a.m. Eastern Time**

This addendum becomes a part of the Contract Documents and modifies the original specifications as noted.

### **Clarification of Contract Documents & Specifications:**

#### KUB Contractor Prequalification

All work associated with KUB water, gas, and wastewater must be performed by a KUB prequalified contractor. Information regarding prequalification can be found at the following link:

<https://www.kub.org/about/procurement/contractor-prequalification/>

The following are responses to questions received from potential bidders:

#### Questions

**Question #1: Could you please clarify whether TDOT or City of Knoxville Technical Specifications will apply for storm pipe backfill?**

Response: This project will require the TDOT standards and specifications for backfill.

To clarify the TDOT standard for backfilling pipe, please refer to standard drawing D-PB-1, note K, which reads as follows:

*The backfill shall be Type 'B' bedding material meeting the requirements of construction specification subsection 903.05 to the springline.*

*Unclassified backfill shall be placed and compacted in layers not exceeding an 8 inch loose lift thickness and brought up evenly and simultaneously on both sides of the pipe to an elevation not less than one foot above the top of the pipe.*

*Unclassified backfill to the limit of the pipe backfill line shall be compacted in accordance to Standard Specification 204.11*

*A minimum compaction level of 90% standard proctor density per AASHTO T99 shall be achieved by the use of vibratory plate. Hydrohammer type compactors shall not be used over the pipe. All compaction equipment used shall be approved by the engineer.*

Backfill is described in the specification as 'fine compactable soil'. In addition, Standard Specification Section 204.11, as referenced above states:

*'Place all backfill, other than flowable fill, which will become part of the roadway prisms or their foundations, in layers, and compact to 100% density as specified in 205.04.'*

Per the above, excavated material from the project can be used as backfill if it is deemed to be a fine compactable soil, sampled and tested to establish standard proctor, and placed, compacted and tested per the standard specification.

**Question #2: Could you please clarify how pavement restoration for utility work will be paid for?**

Response: Pavement restoration is to be included in the price of the pipe. While varying in an attempt to anticipate items that could come into question, the footnotes on Sheet 2A of the construction drawings associated with the utility quantities are intended to convey that all materials, labor, and equipment necessary for a complete installation of the utilities is included in the items identified on that sheet.

**Question #3: Could you please make the sign-in sheet from the pre-bid meeting available to potential bidders?**

Response: Yes, the sign-in sheet is attached to this addendum.

**Question #4: Who will be responsible for the removal and re-installation of the two red light cameras at the intersection of Merchant Drive and Clinton Highway?**

Response: The City's current red light camera contractor, American Traffic Solutions, will be responsible for the removal and re-installation.

**Question #5: Could you please provide clarification on allowed working hours and hours allowed for lane closures mentioned in the Traffic Control Plans?**

Response: Understanding the concerns voiced at the pre-bid, the lane closure black out times on Sheet 12A are hereby modified as follows:

Lane closures will not be allowed in the peak periods from 6am-9am and 3pm-6pm Monday thru Friday.

The intent of the above note is to not completely impede the flow of traffic during these times. There are phases of traffic control that will require traffic to be restricted from two lanes to one lane in a certain direction for an extended period of time and the above note is not intended to disallow these necessary operations. Outside of the above times and other traffic control notes, there are not restrictions on working hours.

Please contact Tony Vandergriff at (865) 215-6136 with the City of Knoxville and Mark Dykes at (865) 594-2319 with TDOT concerning communication of all traffic control activities. The City of Knoxville and TDOT are supportive of safe and efficient traffic control, and can only help if consulted on scheduling activities.

**Question #6: What material is to be placed to infill the medians, the area between the type A curbs on Sheet 2C is blank?**

Response: From Station 104+75.00 to 106+53.01 and 108+09.96 to 110+25.81 for the 4 ft. wide median from FOC to FOC will be 4" Concrete paid under pay Item No. 701-01.01.

For the Median Between the travel lanes and turn lane on Clinton Hwy from Sta. 107+89.00 to 110+28.00 will be Sod.

**Question #7: On Sheet 2L there is a parapet rail shown on top of the top of retaining wall. Per the detail on Sheet 2L the retaining wall is shown to stop at the base of the parapet rail. How is the parapet rail to be paid?**

Response: It should be paid for under 620-05.02 as shown on Sheet 2 Estimated Roadway Quantities.

**Question #8: The typical wall section on Sheet 2L shows a short fence on top of the parapet rail. Can you provide a detail for this short fence? The current version of the referenced drawing, STD-11-2, does not show any fence.**

Response: The type of rail will be the type of rail in the TDOT standard drawing S-BRP-1 Bike/Pedestrian Safety Rail. It will be paid for under the cost of Item No. 620-05.02 as footnoted on Sheet 2. The rail shall be powder coated black.

**Question #9: Will the state seal be required for the parapet rail, per the current version of the referenced drawing STD-11-2?**

Response: No.

**Question #10: Will lane closure requests be handled through the City of Knoxville or TDOT traffic?**

Response: Contractors will be required to contact both Tony Vandergriff at (865) 215-6136 with the City of Knoxville and Mark Dykes at (865) 594-2319 with TDOT for Traffic Control Permits.

**Question #11: Can you clarify backfill requirements for storm, water, sewer, and gas utilities? TDOT, COK, and KUB all have different backfill requirements.**

Response: Storm Sewer: See response to question #1.  
Sanitary Sewer, Water and Gas will be KUB.

**Question #12: Does the contractor installing the gas utility items have to be pre-qualified with KUB in the 4.2 Gas Utility Construction, Unlimited category?**

Response: Yes.

**Question #13: If concrete is encountered under asphalt is the removal of that concrete considered unclassified excavation or removal of rigid pavement?**

Response: Removal of rigid pavement, Item No. 202-03.

**Question #14: Do the traffic control plans account for the utility installations?**

Response: Yes. However, field conditions and construction means and methods may likely create a need for additional/sub traffic control phasing. The cost of any and all other traffic control items for construction of utilities will be paid for under various other items as noted in the footnotes on Sheet 2A Estimated Utility Quantities.

**END OF ADDENDUM NO. 2**

TO OPEN ON 11/1/17 AT 11:00A.M. (EASTERN TIME)

NAME OF ATTENDEES	COMPANY NAME	ADDRESS	PHONE	EMAIL ADDRESS
Jason Brady	Gresham Smith ? Portland	2095 Lakeside Centre Way St. 120 Knoxville, TN 37922	299-6126	Jason-brady@gspnet.com
Karen McKeehan	City of Knoxville	3131 Morris Avenue Knoxville, TN 37909	215-6125	Kjmekeehan@knoxvilletn.gov
Wes Carpenter	Southern Constructors, Inc.	1150 Maryville Pike Knoxville TN 37920	579-5351	wcarpentw@ southernconstructorsinc.com
JEFF DAVIS	APAC-ATLANTIC, INC.	4817 RUTLEDGE PIKE KNOXVILLE, TN. 37914	546-3173	Jdavis@harrisonscc.com
Gary Sceppe	Reyers Group Inc	601 Maryville Pike Knoxville, TN 37922	425-1122	gary.sceppe@reyersgroupinc.com
Camden Guyton	Duracap Asphalt Co.	2535 Abury Rd Knoxville, TN	524-3366	Cguyton@Duracap duracapasphalt.com

TO OPEN ON 11/17 AT 11:00A.M. (EASTERN TIME)

NAME OF ATTENDEES	COMPANY NAME	ADDRESS	PHONE	EMAIL ADDRESS
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Brian Smith	Durocap Asphalt	P.O. Box 53426 Knoxville, TN, 37950	865-524-3365	BrianSmith@DurocapAsphalt.com
GREG PATTERSON	KUB	4505 MIDDLEBROOK PIKE	865-558-2291	<del>GREGORY</del> GREGORY.PATTERSON@KUB.ORG

*Boyle H. Evans*  
Boyle H. Evans (10/18/17)  
Purchasing Agent  
C. H. ...