

ADDENDUM NO. 2

DATE: February 15, 2018
TO: All Bidders
FROM: *AWG*
Boyce H. Evans, Purchasing Agent
SUBJECT: Addendum No. 2 – Magnolia Avenue Streetscape Project
PROJECT NO.: 15A-R-0584 & 16A-R-0609
BIDS TO BE OPENED: **March 6, 2018, at 11:00 a.m. Eastern Time**

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

Changes to the Contract Documents & Specifications:

Deadline for Questions

The deadline for submission of questions is hereby changed from Tuesday, February 13, 2018 to **Tuesday, February 27, 2018.**

Bid Opening Date

The bid opening date of the Magnolia Avenue Streetscape Project Invitation to Bid is hereby changed from Tuesday, February 20, 2018 at 11:00 a.m. (Eastern Time) to **Tuesday, March 6, 2018 at 11:00 a.m. (Eastern Time).**

Revised Sheets

Revised Phase I Sheet Number 6B is attached to this addendum. The following is a summary of the changes made:

- 1.) Phase I Sheet 6B – Displayed curb lines

AT&T Duct Bank

AT&T will handle all phases of construction for the new duct bank, including traffic control, demolition of existing pavement (sidewalk, curb, asphalt, and concrete shoulder), and provide temporary pavement patches as necessary to allow traffic to return to the sidewalks, shoulder areas, side streets, and Magnolia Avenue (where crossings are required) after the duct bank construction is completed. AT&T intends to complete the duct bank construction prior to the streetscape contractor mobilizing.

Clarification of Contract Documents & Specifications:

The following are responses to questions received from potential bidders:

Questions

Question #1: Will T2 forms for manufactured products and certifications be required according to TDOT Standard Operating Procedures for this project?

Response: Yes. The City will have a CEI consultant for this project and contractors can expect the construction to be conducted like a TDOT local programs job.

Question #2: Will the City consider less restrictive hours of work than those mentioned on pages 7 and 8 of Technical Specification 34.0 (weekdays before 6 AM, from 9 AM to 3 PM, and after 6:30 PM)?

Response: When construction is required that will block one or more lanes of Magnolia Avenue, the hours of work shall be limited on weekdays to avoid conflict with peak hour traffic movement. Work on weekdays will be permitted between 7:00 A.M. and 7:00 P.M. Work on weekends will be permitted (except for unusual circumstances, i.e. parades, U.T. football games, etc.). Work at night will only be allowed with the City's permission.

Question #3: Will BIORESTOR be considered an approved equal to the reclamite rejuvenator mentioned in the KUB Specification for thermally bonded asphalt?

Response: Yes, BIORESTOR would be approved as it is on TDOT's Qualified Products List for pavement rejuvenators. The section on thermally bonded asphalt is part of KUB's standard specifications and is included for burning in trench cut restoration on major roads. It should be noted that the use of rejuvenator is not anticipated on Magnolia Avenue because the street will be milled and receive an asphalt overlay as part of the project. Any rejuvenator used would be on side streets that will not be receiving an asphalt overlay as part of the project.

Question #4: Can you provide CAD files to facilitate storm drain take offs?

Response: No. Bidders shall use the stamped construction plans provided to perform quantity take offs.

Question #5: Will the City waive the requirement that the prime contractor self-perform over 50% of the work on the referenced project? Based on a preliminary evaluation of the project it would seem difficult for any prime contractor to achieve this amount.

Response: Prime contractors possessing a full HRA- Highway, Railroad and Airport Construction classification will be allowed to bid on this project even if they intend to award work to subcontractors in excess of 50% percent of the contract price. However, work shall not be awarded to subcontractors without prior written approval of the City.

Question #6: Is there a DBE requirement? If so, what is the percentage? And are we able to email bid invitations to DBE firms?

Response: There is no DBE requirement for the project as in the case of TDOT funded contracts. However, the City of Knoxville does encourage the use of DBE's whenever practical. As such, the City's goals are to conduct 3% of its business with minority-owned businesses, 10% with woman-owned businesses, and 39% with small businesses. However, these are goals and not mandatory bidding requirements.

Question #7: Should the Certificate of Owner's Attorney be included with our bid?

Response: No. Not with the initial bid submission.

Question #8: Do you require a Certificate of Insurance with our bid?

Response: No. However, the winning bidder will be required to provide a certificate of insurance to the City before we can fully execute a contract for the project.

Question #9: Can more specific plans, details, and schedule for the AT&T conduit work be provided?

Response: Yes, please see the section above titled "AT&T Duct Bank".

Question #10: Is there a laydown area available for this project?

Response: The Contractor is responsible for designating a staging area and employee parking area, with the approval of the Engineer, located to minimize impacts to the surroundings.

Question #11: Are there times that Magnolia can be completely closed to allow for open cut installation of water, sewer, storm, and service laterals?

Response: Total road closures are not permitted.

Question #12: Will traffic control permits need to come from COK or TDOT?

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 and communication of all traffic control activities.

Question #13: In the general notes it says that all storm shall be backfilled with mineral aggregate base, is the cost of the mineral aggregate base to be included in the linear foot pipe items?

Response: Yes. In accordance with City of Knoxville Technical Specification 20.0, the cost of the backfill is not a separate pay item and shall be included in the bid price per linear foot.

Question #14: Will the stone under the sidewalks and concrete pads be paid separately as base stone, item 303-01?

Response: No. The cost of base stone shall be included in the bid price per square foot for Item Numbers 13.10, 13.12, 13.13, and 13.20.

Question #15: Will the COK and KUB mobilization items be limited by the total for the entire contract or limited to the totals for the COK and KUB portions of the project?

Response: The mobilization item for City of Knoxville work (Item No. 1.10) will be limited by the "Total of all Roadway Items" amount listed on page BD-6e of the Bid Proposal Form. The mobilization item for KUB work (Item No. A1000) will be limited by the "Total of all KUB Items" amount listed on page BD-6h of the Bid Proposal Form.

Question #16: The Specifications State: The Contractor shall furnish office space for the Resident Engineer. Space shall be at least 150 square feet in area and shall be located conveniently to the Work. Office shall be furnished with a desk, drafting table, applicable chairs, drawing rack, surveying instrument storage, telephone service, lights, heat, air conditioning, windows and one door with cylinder lock. Please verify and confirm that the above requirement is applicable and valid for this project. If this is required, please revise the plans to show the location of this office.

Response: The requirement for office space as noted in Article 32.1 of the General Conditions on page GC-21 shall be waived for this project.

Question #17: The KUB Specifications State: Insurance for Railroad Crossing: The CONTRACTOR shall, at its expense, secure and maintain throughout the construction period the appropriate insurance as required by the agency having jurisdiction. Please verify and confirm that the above requirement is applicable and valid for this project.

Response: There are no railroad crossings within the project limits. Therefore the requirement for railroad crossing insurance as noted in Section 02445 of the Knoxville Utilities Board Standards and Specifications shall be waived for this project.

Question #18: A conflict exists within the bid documents as follows:

City of Knoxville General Conditions Article 10 states: "The Owner shall furnish all land surveys and establish all base lines for locating the principal component parts of the Work together with a suitable number of bench marks adjacent to the Work as shown in the Contract Documents. Unless otherwise specified in the Contract Documents, the Engineer shall furnish the Contractor all lines, profiles, grades and measurements necessary for proper construction of the project. The Contractor's attention is called to the fact that the Engineer will determine what surveying and construction layout is necessary for the Project and that minor measurements incidental to the construction process will be made by the Contractor. Items normally determined as necessary include such things as staking grades and alignment of the roadway, "Blue top stakes", slope stakes, grades and alignments of storm sewers, and staking 50' centerline stations. The Contractor shall notify the Engineer 48 hours in advance of needed construction staking.

Whereas: The mere presence of Bid Item 1.50 Construction Stakes, Lines and Grades, in TDOT terms, means that surveying is by the Contractor with the exception of benchmark and baseline provision.

Please resolve that conflict.

Response: The requirement for surveying and construction layout noted in Article 10.1 of the General Conditions on page GC-8 shall be waived for this project. The Contractor will be responsible for construction surveying and staking and this work will be paid for under Item Number 1.50, Construction Stakes, Lines and Grades.

Question #19: In the event of any other technical conflicts, which specifications prevail COK or KUB?

Response: Technical conflicts will be examined on a case by case basis. In general City of Knoxville specifications will prevail for all work other than the installation of KUB water and sewer infrastructure.

Question #20: We see Technical Specifications Sections that number eighteen (18) sections by Barge Design and thirty-nine (39) sections by KUB. Several cover the same scope of work, e.g. asphalt, manholes, and Quality Control. The Master Table of Contents list all of these simply as 13.c Technical Specifications. A) Please revise the Table of Contents to show all fifty-eight (58) specification sections. B) Please delete any un-used or non-applicable or superseded specification sections.

Response: The City of Knoxville and KUB are each contributing funding for their respective work in this contract. The City of Knoxville Technical Specifications apply to pay items listed as

“Roadway Quantities” and KUB Specifications apply to pay items listed as “KUB Quantities” on the Bid Proposal form.

Question #21: Please provide the missing Specification Section titled Proposal Contract. This specification section or document was provided in connection with the Merchant’s Drive & Clinton Hwy Intersection Improvement Project.

Response: The Merchant Drive/Clinton Highway Intersection Improvements Project is a TDOT funded project and as such TDOT required the use of their Proposal Contract Template. The Magnolia Avenue Streetscape project is funded locally (not by TDOT) and therefore the City’s standard contract language contained in the spec book provided will apply.

Question #22: What is the expected notice to proceed date for this project?

Response: It typically takes 4 to 6 weeks after City Council approval to receive a fully executed construction contract. However, the amount of time between Council approval and the date of contract execution is greatly dependent upon the winning bidder getting the appropriate insurance documents and endorsements to the City in a timely manner. The City anticipates being able to issue a Notice to Proceed for Construction of this contract by early June 2018.

Question #23: Please extend the date for receiving bids, whereby, we have minimum fourteen (14) calendar days for submitting our bid from the date that we receive responses to that requested herein.

Response: The bid opening date has been changed to Tuesday, March 6, 2018.

END OF ADDENDUM NO. 2

PROJECT No.	YEAR	SHEET No.	
15A-R-0584	2017	6B	
REVISIONS			
No.	DATE	BY	BRIEF DESCRIPTION
1	02-09-2018	MLK	ADDENDUM 1 - DISPLAYED CURB LINES

CURVE NO.	Δ	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING	CHORD LENGTH
C-5	90° 00' 00"	28.00'	43.98'	28.00'	N 21° 27' 47" E	39.60'
C-6	90° 00' 00"	28.00'	43.98'	28.00'	N 68° 32' 13" W	39.60'
C-7	93° 32' 33"	33.00'	53.88'	35.11'	S 66° 45' 56" E	48.09'
C-8	86° 27' 27"	33.00'	51.73'	32.90'	N 21° 33' 06" E	46.80'
C-9	89° 49' 22"	33.00'	49.80'	31.02'	N 23° 14' 04" E	45.20'
C-10	90° 10' 38"	33.00'	51.90'	33.10'	N 68° 26' 54" W	46.74'

* RADIUS AT FACE OF CURB, MINIMUM 30' RADIUS MAINTAINED ALONG EDGE OF PAVEMENT

LEGEND

- CONCRETE
- PARALLEL PARKING
- ACCESSIBLE PARALLEL PARKING

- NOTES:
- ALL DRIVEWAYS TO HAVE A 2.25" LIP
 - ALL STATION AND OFFSETS SHOWN AT FACE OF CURB
 - WHEN CURBS PRESENT, THE SIDEWALK WIDTHS DO NOT INCLUDE THE SIX INCH CURB WIDTH
 - CROSS DRAINS WILL BE INSTALLED DURING NORTH SIDE PHASE OF CONSTRUCTION AND TEMPORARY GRATE UTILIZED UNTIL SOUTH SIDE CURB CONSTRUCTION COMPLETED
 - THE PROPOSED ROOF DRAINS SHALL TIE TO THE EXISTING INVERT AT THE ROW AND MAINTAIN A 1% MINIMUM SLOPE

- (A) PERPENDICULAR CURB RAMP WITH RETURNED CURB (TDOT STD DWG RP-H-7)
- (B) PERPENDICULAR CURB RAMP WITH RETURNED CURB (TDOT STD DWG RP-H-8)
- (C) PARALLEL CURB RAMP (TDOT STD DWG RP-H-9)



**CITY OF KNOXVILLE
OFFICE OF REDEVELOPMENT**

**PROPOSED LAYOUT
MAGNOLIA AVENUE
STREETSCAPE PROJECT
PHASE I**

STA. 14+00 TO STA. 19+40
SCALE: 1" = 20'

DRAWN: ACM
DESIGNED: MLK
DATE: 11-06-17
CHECKED: AW
APPROVED: COT



Location of all underground utilities shown hereon are approximate and are based on field location of visible structures such as catch basins, manholes, water gates, etc. and compiling information from utility company plans. The utilities shown hereon may not comprise all of the existing utilities in this area, either in service or abandoned. In accordance with The Underground Utility Damage Prevention Act, prior to any excavation work call Tennessee One Call System, Inc. at 1-800-351-1111.

2/9/2018 F:\36136123\3612300\04_CADD\CT\VL\Phase1\PL\DT\3612300_06B_Proposed.dgn