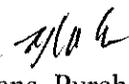


ADDENDUM NO. 1

DATE: April 27, 2018
TO: All Bidders
FROM: Boyce H. Evans, Purchasing Agent 
SUBJECT: Addendum No. 1 – Magnolia Avenue Streetscape Project – Phase I
PROJECT NO.: 15A-R-0584
BIDS TO BE OPENED: **May 2 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:

Bid Proposal

A revised bid proposal form is attached to this addendum. The following is a summary of the changes made:

1.) Item No. 702-01.01 has been changed to Item No. 702-01.

Clarification of Contract Documents & Specifications:

The following are responses to questions received from potential bidders:

Questions

Question #1: 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 #2: Can you please clarify what kind of curb will be used for the medians?

Response: Yes, Item No. 702-01.01, Extruded Sloping Curb has been changed to Item No. 702-01, 6" Type A Sloping Detached Concrete Curb on the attached revised Bid Proposal form.

Question #3: Can you provide the treatable flow rate for the water quality unit?

Response: The first flush flow is 3.7 cfs.

Question #4: As of 4/23/18 the KUB utilities project has not been advertised. Can more specific plans, details, and timeline for the KUB work be provided? KUB projects typically break ground much quicker than COK projects, if the KUB project starts first it could make the deep storm installation more difficult.

Response: The advertisement for the KUB utilities project is now available and can be found here:

<https://www.kub.org/about/procurement/open-bids-and-requests-for-proposals/>

The bid opening for the utilities project is scheduled for May 15th and a notice to proceed for the 180 day construction contract is anticipated by May 30th.

Question #5: If the city is waiving their requirement that the prime contractor must perform 51% of the work, will the TDOT requirement that the prime contractor perform 30% of the work be enforced? See TDOT Standard Specifications for Road and Bridge Construction section 108.01.

Response: The TDOT requirement referenced does not apply since this project is funded by the City.

Question #6: Is there any geotechnical or subsurface boring information available for the project?

Response: No.

Question #7: If rock is encountered in the deep storm excavations will a time extension be considered?

Response: Yes. If rock is encountered during construction an evaluation of whether a time extension is warranted will be made at that time.

Question #8: The storm drainage work at the low point of the project may require removal and replacement of an existing guardrail. Can pay items be set up for that work?

Response: If it is elected to remove and replace the guardrail it shall be included in the cost of other items.

Question #9: Is backfill to be included in item 3.16 (Removal of Subsurface Trolley Tracks) or paid separately?

Response: Backfill shall be included in the cost of removal.

Question #10: The electrical plans say that the removal of the existing lighting facilities is by others. How will that work be coordinated? Are the existing light poles considered COK or KUB poles?

Response: The existing street lights are owned by KUB. They shall remain in service as long as possible. The contractor will coordinate with KUB and KUB will be responsible for removing them.

Question #11: Does note 14 on sheet E1 apply if for Phase 1 of the project?

Response: No, those lights are a part of the Phase 2 scope of work.

Question #12: Will KAT want to keep the existing bus shelter at the WT Crutcher building?

Response: Yes, the shelter, trash can, and bench will need to be returned to KAT upon removal.

Question #13: Will alternate water quality units from the City's Policy 25 be considered?

Response: Prices submitted for this bid shall be based on the unit specified in the design plans. However, the City will consider alternates prior to construction upon approval of stamped engineering design plans and calculations provided by the winning bidder. As noted in Policy 25, an approved device may not be suitable for use in all applications and site characteristics (e.g. steep slopes, high ground water, base flows, soils, facility depth limits, risk of hazardous material spills, etc.) may limit a particular unit's use. Devices will not be allowed to be used without third party testing or verification of the test results. It should be noted that since the proposed water quality unit is located within the roadway, only units housed in a pre-cast structure with certified tests of load bearing capacity will be considered.

END OF ADDENDUM NO. 1

BID PROPOSAL
CITY OF KNOXVILLE, TENNESSEE

Magnolia Avenue Streetscape Project - Phase I
Project No. 15A-R-0584

TO THE PURCHASING AGENT
CITY OF KNOXVILLE, TENNESSEE

_____ hereby propose(s) to furnish all material, labor, and appliances and do all work required to complete the Contract for the Magnolia Avenue Streetscape Project - Phase I, Project No. 15A-R-0584, located in the City of Knoxville, Tennessee, in a workmanlike manner and in accordance with the plans of the Department of Engineering and specifications herewith attached.

Bidder further agrees that in case of failure to sign a delivered contract within thirty (30) days, the certified check or bid bond accompanying this bid and the proceeds thereof shall be the property of the City of Knoxville if the City chooses to retain said bid bond or check.

BID SCHEDULE

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
1.10	Mobilization of Forces, Supplies and Equipment (Maximum Amount = \$14,000 + 1% of Contract	LS	1		
2.20	Tree Removal	LS	1		
3.10	Removal of Pipe	LF	1,873		
3.11	Removal of Rigid Pavement, Sidewalk, Etc.	SY	4,010		
3.12	Removal of Vehicular Concrete	SY	3,960		
3.13	Removal of Asphalt Pavement	SY	2,300		
3.14	Removal of Curb	LF	3,198		
3.15	Removal of Curb and Gutter	LF	1,148		
3.16	Removal of Subsurface Trolley Tracks	LF	498		
3.17	Removal of Structures and Obstructions	LS	1		
4.20	Common Excavation	CY	500		
5.30	Maintenance Stone	TON	1,250		
10.30	Saw Cutting Asphalt Pavement	LF	9,000		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
12.41	4" Mountable Curb and Gutter, Type 4-30	LF	22		
12.46	4" Nonmountable Concrete Curb	LF	45		
12.65	6" Detached Concrete Curb, Type A	LF	39		
12.95	10" Concrete Curb	LF	41		
13.10	Concrete Sidewalks	SF	22,624		
13.11	Concrete Steps	LS	1		
13.12	4" Thick Concrete Paving (Colored and Stamped)	SF	1,157		
13.13	8" Thick Concrete Paving (Colored and Stamped)	SF	185		
13.20	Concrete Driveways	SF	8,710		
14.10	Flowable Fill (Flowable Mortar)	CY	10		
20.07	6" HDPE	LF	314		
20.08	12" HDPE	LF	802		
20.14	18" R.C.P.	LF	1,396		
20.16	24" R.C.P.	LF	422		
20.18	30" R.C.P.	LF	382		
20.20	36" R.C.P.	LF	70		
20.22	42" R.C.P.	LF	25		
20.24	48" R.C.P.	LF	228		
21.30	Water Quality Unit w/Diversion Box	EA	1		
22.00	No. 3 Manhole, 4' - 8'	EA	2		
22.01	No. 3 Manhole, 8' - 12'	EA	3		
22.02	No. 3 Manhole, 16' - 20'	EA	1		
22.05	No. 1 Junction Box	EA	2		
22.10.2	No. 10 Catch Basin, > 4' - 8' Depth w/Bicycle Grate	EA	1		
22.12.1	No. 12 Catch Basin, 0' - 4' Depth w/Bicycle Grate	EA	1		
22.12.2	No. 12 Catch Basin, > 4' - 8' Depth w/Bicycle Grate	EA	10		
22.12.3	No. 12 Catch Basin, > 8' - 12' Depth w/Bicycle Grate	EA	17		
22.12.4	No. 42 Catch Basin, > 8' - 12' Depth	EA	1		
22.12.5	No. 51 Catch Basin, > 16' - 20' Depth w/Bicycle Grate	EA	1		
22.12.6	GDOT Throated Inlet 1033F	EA	1		
22.12.7	Temporary Grate	EA	5		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
22.40.2	Conversion of Existing Catch Basin to Junction Box	EA	2		
26.10	Topsoil	CY	400		
26.20	Planting Mix - Amendments	CY	40		
26.30	Shrubs/Groundcover	SF	11,345		
26.60	Large Shade Trees	EA	28		
26.70	Sod	SF	8,850		
26.80	Hardwood Mulch	CY	125		
26.90	Stone Mulch	CY	7		
31.10	Erosion Control	LS	1		
31.15	Tree Protection Fencing	LF	220		
34.10	Construction Area Traffic Control	LS	1		
38.10	Cold Planing of Asphalt Pavement	TON	1,298		
39.10	Temporary Pavement Marking (Line)	LF	22,065		
42.00	Tactile Warning System, Cast In Place	EA	22		
63.10	Signage and Striping	LS	1		
70.01	Lighting Pole Assembly - Street Lighting	EA	12		
70.02	Lighting Pole Assembly - Pedestrian Lighting	EA	35		
70.03	Street Lighting Assembly, Pole & Arm By Others	EA	4		
70.05	Lighting Control Panel Assemblies	EA	2		
70.06	LTG Branch Wiring, Under Sidewalk	LF	7,100		
70.07	LTG Branch Fittings	EA	51		
70.08	Secondary Service Lateral LCP1, Under Sidewalk	LF	90		
70.09	Secondary Service Lateral LCP2	LF	250		
70.10	Service Risers	EA	2		
70.11	Pull Boxes	EA	20		
70.12	Concrete Encasement for Duct Banks	LF	560		
70.13	2" Electrical Conduit	LF	7,930		
70.14	Monument Sign Lighting Service	LS	1		
71.01	Benches	EA	15		
71.02	Trash Receptacles	EA	5		
71.03	Bike Loops	EA	6		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
303-01	Mineral Aggregate, Type A Base, Grading D	TON	2,587		
307-02.01	Asphalt Concrete Mix (PG70-22) (BPMB-HM) Grading A	TON	55		
307-02.06	Asphalt Concrete Mix (PG70-22) (BPMB-HM) Grading B	TON	1,923		
307-02.08	Asphalt Concrete Mix (PG70-22) (BPMB-HM) Grading B-M2	TON	36		
402-01	Bituminous Material for Prime Coat (PC)	TON	4		
403-01	Bituminous Material for Tack Coat (TC)	TON	9		
411-02.10	ACS Mix (PG70-22) Grading D	TON	1,631		
702-01	6" Type A Sloping Detached Concrete Curb	LF	1,452		
702-03	Concrete Combined Curb & Gutter	CY	380		
713-16.20	Sign (Street Name Sign)	EA	8		
713-16.21	Sign (Turning Traffic Yield to Pedestrian 30" R10-15L)	EA	1		
725-02.79	Fiber Optic Closure (48F Enclosure)	EA	2		
725-03.09	Ethernet Switch (Type A)	EA	2		
725-22.25	Conduit Bank (2" HDPE)	LF	2,396		
725-23.02	Fiber Optic Testing	LS	1		
725-23.12	Fiber Optic Cable (48F)	LF	1,488		
725-23.21	Fiber Optic Drop Cable (12F)	LF	100		
725-24.61	Training	LS	1		
730-01.02	Removal of Signal Equipment	EA	2		
730-02.09	Signal Head Assembly (130 with Backplate)	EA	16		
730-02.30	Signal Head Assembly (140 A3H with Backplate)	EA	1		
730-03.21	Install Pull Box (Type B)	EA	8		
730-03.23	Install Pull Box (Fiber Optic - Type A)	EA	4		
730-03.24	Install Pull Box (Fiber Optic - Type B)	EA	2		
730-03.33	Fiber Optic Splice Fusion	EA	8		
730-05.01	Electrical Service Connection	EA	2		
730-05.02	Service Cable (2 Conductor, #8 AWG)	LF	196		

ITEM NO.	DESCRIPTION	UNITS	TOTAL QUANTITY	PRICE PER UNIT	TOTAL PRICE PER ITEM
730-08.01	Signal Cable - 3 Conductor (14 AWG Stranded)	LF	2,031		
730-08.02	Signal Cable - 5 Conductor (14 AWG Stranded)	LF	2,326		
730-08.03	Signal Cable - 7 Conductor (14 AWG Stranded)	LF	450		
730-08.05	Signal Cable - 12 Conductor (14 AWG Stranded)	LF	1,067		
730-12.02	Conduit 2" Diameter (PVC)	LF	531		
730-12.03	Conduit 3" Diameter (PVC)	LF	75		
730-12.09	Conduit 3" Diameter (RGS)	LF	1,734		
730-12.40	Encased Conduit (Conduit Bank 2" HDPE)	LF	330		
730-13.07	Vehicle Detector (Sonem 2000 Priority Control)	EA	8		
730-13.08	Vehicle Detector (Wavetronix)	EA	8		
730-15.09	Cabinet (Sixteen Phase Base Mounted)	EA	2		
730-16.14	Controller (Sixteen Phase Actuated Naztec ATC)	EA	2		
730-23.30	Pedestal Pole (10')	EA	8		
730-23.72	Cantilever Signal Support (1 ARM @ 35')	EA	1		
730-23.80	Cantilever Signal Support (1 ARM @ 40')	EA	1		
730-23.88	Cantilever Signal Support (1 ARM @ 45')	EA	4		
730-23.99	Cantilever Signal Support (1 ARM @ 60')	EA	2		
730-26.06	Pedestrian Pushbutton Post	EA	4		
730-26.11	Countdown Ped Sgnl Head w/Audible Push Button & 15 in Sign	EA	16		
730-35.06	Battery Back-Up and Power Conditioner	EA	2		
730-40.02	Temporary Traffic Signal System	LS	1		

TOTAL BID

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TOTAL BID (In Words):