
PUBLIC WORKS

To: All Interested Bidders and plan holders

From: James Lynn Raynor, PE *JLR*

RE: 2016 Bond Street Repairs, Phase 1, PWD-2016-002
Addendum #2

Date: July 13, 2016

The following items clarify, add to, delete from and/or otherwise change and supersede information previously issued to you in the Bid Documents for the above-referenced project. As such, said items shall be considered part of the contract and receipt of this addendum shall be acknowledged appropriately in the bid package. Please review the following items carefully and adjust your proposal accordingly.

Pre-bid Minutes/Clarifications/Follow-up:

1. See Attachment 1, pre-bid meeting minutes, which as part of this addendum shall be considered part of the contract.
2. See Attachment 1, Section 3, item (g): Work on the items of wheel chair ramps and new signal equipment may be performed during normal business hours of 8:00 AM to 5:00 PM.
3. See Attachment 1, Section 3, Item (l): During discussion of new signal equipment, it was determined that new equipment must be installed and operational prior to milling operations at each intersection that would remove the existing loop infrastructure.
4. See Attachment 1, Section 5, Item (a): The description for Bid Item #3 has been changed to "Asphalt Plant Mix, Pavement Repair, 5" Depth" with a quantity of 7,100 tons. See attached revised Bid Form. The revised Bid Form shall be used when submitting bids or the bid shall be considered non-responsive.
5. See Attachment 1, Section 5, Item (b): The depth of milling and repaving of surface course has been adjusted to 1.75" to address the 2" drop-off issue.
6. See Attachment 1, Section 5, Item (c): Portable lighting has been added to the bid list. It is assumed four (4) lights will be needed during a given night operation; however, adjustments may be made depending on the contractor's operations.

Changes/Additions to Bid List and Specifications:

1. **Item #2, Asphalt Concrete Surface Course, S9.5B**, has been changed to 1.75" depth with a revised quantity of 7,500 tons.

2. **Item #3**, Asphalt Plant Mix, Pavement Repair, 4" Depth, has been changed to **Asphalt Plant Mix, Pavement Repair, 5" Depth**. Quantity has been revised to 7,100 tons.
3. **Item #7, Concrete Wheelchair Ramp**: Quantity has been increased to 8 each.
4. **Item #11A, Portable Lighting**, with a quantity of 40 EA/WK, has been added. For bid purposes, it is assumed four (4) lights per week for ten (10) weeks would be needed. The following Unit Price Description is hereby added to Section 1150, Unit Prices:
 - a. **Portable Lighting**: This item shall include all materials, equipment, labor and incidentals necessary to provide and reposition such artificial lighting as may be necessary to provide for safe and proper construction and to provide for adequate inspection of the work. Payment will be made at the contract unit price per each individual lighting unit utilized per week of use.
5. A new table has been added to the Bid Form showing anticipated wheel chair ramp and curb work at each intersection.
6. A revised Bid Form is attached to this Addendum and shall be used when submitting bids. Strikethroughs on the original Bid Form shall not be allowed.

Requests for additional information:

1. Are we paving through Stantonsburg Road or jumping over it? **Answer: We will not be paving through Stantonsburg Road. Milling and paving will stop at the edge of the Stantonsburg Road travel lane.**
2. Will railroad insurance be required for the Arlington Road work? **Answer: Yes, railroad insurance will be required for Arlington Blvd.**
3. There are a few manhole and valve box adjustments – can these be performed during the day? **Answer: All roads will be repaved to the same finished grade, so no adjustments are expected.**
4. Specifications limit RAP to 15% (Old NCDOT Standard) we have designs with up to 30% RAP being used on NCDOT jobs. Can we use these 30% RAP mixes? **Answer: No. The City of Greenville Street Superintendent will not allow more than 15% RAP.**
5. Are you going to add an item for temporary paint markings for the milled surface, or is it incidental? **Answer: temporary paint markings will be incidental to the work of the contract.**
6. Does the proposal for bidding need an E-Verify Affidavit – one was not included in the contract: **Answer: No, an affidavit is not required; however, contractors should understand that, by submitting their bid, they are agreeing to abide by the E-Verify requirements noted in Item 28 of the Standard Special Provisions.**

7. Can the contractor mill Arlington Blvd and Red Banks Road entirely first, patch as marked, then resurface the roadway? **Answer: Yes, the project may be milled entirely at one time due to typical scheduling issues with milling subcontractors.**

8. Are concrete and electrical work allowed during day hours (8:00 AM – 5:00 PM)? **Answer: Yes, as discussed at the pre-bid meeting, both of these items may be completed during daytime hours as specified.**


Any questions regarding this Addendum should be directed to Mr. Lynn Raynor, PE, at telephone 252-329-4620 or email at lraynor@greenvillenc.gov.

Attachment

ec: Kevin Mulligan, PE, Public Works Director
Scott Godefroy, PE, City Engineer
Ronnie Donley, Streets Superintendent

Attachment 1

To: Pre-Bid Conference Attendees and Plan holders

From: James Lynn Raynor, PE 
City of Greenville PWD

Subject: **2016 Bond Street Repairs, Phase 1, Pre-bid Minutes**

Date: July 13, 2016

On Wednesday, Jun 29, 2016 at 10:00 a.m., a Pre-bid conference for the referenced project was held at the Public Works Department Conference Room at 1500 Beatty Street, Greenville, NC. Those in attendance were as follows:

Lynn Raynor - COG
Scott Godefroy – COG
Ronnie Donley – COG
Rik DeCesare – COG
Stacey Pigford – COG
Craig Midgett – COG
Denisha Harris – COG
Chris McKeel – S. T. Wooten
Barry Kass – Barnhill Contracting
Craig Batchelor – Barnhill Contracting

The following items were discussed during the meeting.

MEETING ITEMS

1. Welcome
 - a. Attendance Sheet
 - b. **Pre-bid conference not mandatory**
 - c. Introductions

2. Legal Requirements
 - a. Bonds/Insurance Certificates – Bid Bond, Payment/Performance Bonds/Insurance Certificate
 - b. MWBE Requirements/**submittal with Bids** - all MWBE subcontractors must be HUB certified, and that the City has separate goals for MBE and WBE which must be met separately. For assistance or more information, contact Denisha Harris at 252-329-4862 or dharris@greenvillenc.gov. Ms. Harris also discussed the new Iran Divestment Act requirement, which is included in the bid documents.

3. Project Data
 - a. Description – The street repair work will consist of full milling of approximately 76,550 square yards of existing asphalt pavement, placing approximately 8,570 tons of Asphalt

Concrete Surface Course, Type S 9.5B, 5,700 tons of Asphalt Concrete Base repairs/patching (B 25.0B), and ADA improvements. The Project also includes the placement of thermoplastic pavement markings as well as installation of new signal equipment. The Contractor will install improvements on City of Greenville and NCDOT Rights of Way and will be subject to their associated standards and specifications. All of the work associated with this contract must be performed Monday through Friday between 7:00 PM and 7:00 AM.

- b. Arlington/Dickinson: NCDOT has already resurfaced this intersection and radius back to ROW on Arlington Blvd (or further). The work of this contract will match those joints.
- c. Liquidated Damages
 - \$500/day after the contract completion date.
 - Intermediate Contract Time #1 – \$200/hour after 7:00 AM each day.
- d. Contract Award – Lowest responsive responsible bidder. Lowest bidder will be required to provide references and financial records, which the City will check prior to moving forward with award. See page IB-1, paragraph (3) in the Instructions to Bidders.
- e. Contract Completion Time is **90 Calendar Days from Notice to Proceed date**.
- f. Contractor is responsible for any necessary surveying, including documentation of existing pavement markings prior to obliteration
- g. Working Hours:
 - PSP-1. All work of this contract shall take place between the hours of 7pm and 7am. After some discussion, it was decided that concrete work, as well as signal work items, could be performed during normal daytime operations from 8:00 AM to 5:00 PM.
 - Any placement of asphalt not started prior to 5:00 AM shall be suspended until the next nighttime operation.
- h. Contractor shall provide 48 hour notice to the City cancelling nighttime operations. Failure to provide this notice shall require the Contractor to reimburse the City for an 8-hour workday at the Inspector's pay rate, including fringe benefits, and shall be deducted on the next partial pay estimate. Exception to this shall be cancellation of nighttime work due to inclement weather as outlined in the contract documents. Hourly Inspector rate is \$40/hr.
- i. Contract Administration and Inspection for this contract will be performed by a private firm, yet to be determined. Asphalt and concrete testing will be part of the work of the private firm.
- j. Traffic Control – reasonable access to residences and businesses must be maintained. Contractor will be required to provide traffic control plan/construction phasing for each section being resurfaced at the time of the pre-construction meeting.
- k. CMS – paid per sign per week. Example: Use 2 signs each for 3 weeks = 6 bid quantity.
- l. New Signal Equipment – Wavetronix and FLIR. During discussion of this item, it was determined that new signal equipment must be installed and operational prior to milling operations at each intersection that would remove the existing loop infrastructure. Bidders were strongly encouraged to review the PSP for this work.
- m. An addendum will be sent out with pre-bid minutes and any requests for information received.

- n. **Bid date –Wednesday, July 20, 2016 at 2:00 PM, 1500 Beatty St. Be sure to include all required documents with bids. (Bid Form, Bid Security, Non-Collusion Affidavit, Iran Divestment Act)**
4. Contact – Lynn Raynor, PE, CE II, 252-329-4620, lraynor@greenvillenc.gov
Denisha Harris, MWBE Coordinator/Purchasing Manager, 252-329-4862,
dharris@greenvillenc.gov
5. Questions:
- a. An apparent discrepancy in the base quantity was noted between the bid item and the table description, both located on the bid form. Mr. Raynor stated he would review this item and make any necessary corrections.
 - b. The safety issue with a 2” milled drop-off was discussed. City staff agreed to discuss internally and determine a new depth due to infeasibility of milling, patching, and repaving surface course on a section within one night’s operation.
 - c. Lighting requirements were discussed. It was agreed a new line item for light towers, per each per week, would be added to the bid list. For estimating purposes, the quantity was set at four (4).
 - d. Due date for questions regarding the bid was set as Tuesday, July 12, at 5:00 PM.

BID FORM

PROJECT IDENTIFICATION: **2016 Bond Street Repairs, Phase 1
PWD-2016-002
GREENVILLE, NORTH CAROLINA**

THIS BID IS SUBMITTED TO: **CITY OF GREENVILLE PUBLIC WORKS DEPARTMENT
1500 BEATTY STREET
GREENVILLE, NORTH CAROLINA**

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within ten days after the date of OWNER'S Notice of Award.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:
 - (a) BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all, which is hereby acknowledged: (List Addenda by Addendum Number and Date)

<u>Addendum Number</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____

- (b) BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and furnishing of the Work;
- (c) BIDDER is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.
- (d) BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions. BIDDER accepts the determination set forth in paragraph the Supplementary Conditions of the extent of the "technical data" contained in such reports and

- drawings upon which BIDDER is entitled to rely as provided in paragraph 4.02 of the General Conditions. BIDDER acknowledges that such reports and drawings are not Contract Documents and may not be complete for BIDDER'S purposes. BIDDER acknowledges that OWNER and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the site. BIDDER has obtained and carefully studied (or assumes responsibility for not having done so) all such additional or supplementary examinations, investigations, explorations, tests studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may effect cost progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto. BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Contract Documents.
- (e) BIDDER is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
 - (f) BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
 - (g) BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
 - (h) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over OWNER.
4. BIDDER will complete the Work in accordance with the Contract Documents for the following unit price(s):
- (a) All specific cash allowances are included in the price(s) set forth and have been computed in accordance with paragraph 11.02 of the General Conditions.
 - (b) Unit Prices have been computed in accordance with paragraph 11.03 of the General Conditions.

SCHEDULE OF QUANTITIES FOR BID

2016 Bond Street Repairs, Phase 1

OWNER: CITY OF GREENVILLE

BID OPENING DATE: July 20, 2016

The unit prices noted herein shall include installing in place, complete and accepted.

SECTION 1: STREET RESURFACING

Retaining and overlaying and/or leveling existing pavement with asphalt concrete surface course, performing ADA improvements, and providing traffic control as specified in the Contract Documents.

Item No.	Item Description	Scheduled Quantities	Unit	Unit Price	Amount
1	MOBILIZATION	1	LS		
2	ASPHALT CONCRETE SURFACE COURSE, S 9.5B	7,500	TON		
3	ASPHALT PLANT MIX, PAVEMENT REPAIR, 5" DEEP	7,100	TON		
4	REMOVAL OF EXISTING CONCRETE CURB AND GUTTER	32	LF		
5	REMOVAL OF EXISTING CONCRETE SIDEWALK	9	SY		
6	REMOVAL OF EXISTING WHEELCHAIR RAMP	4	EA		
7	CONCRETE WHEELCHAIR RAMP	8	EA		
8	UPGRADE EXISTING WHEELCHAIR RAMP	14	EA		
9	4" THK. CONCRETE SIDEWALK	83	SY		
10	CHANGEABLE MESSAGE SIGNS	16	EA/WK		
11	WORK ZONE TRAFFIC CONTROL	1	LS		
11A	PORTABLE LIGHTING	40	EA/WK		

SECTION 2: COLD MILLING OF ASPHALT PAVEMENTS

Item No.	Item Description	Scheduled Quantities	Unit	Unit Price	Amount
12	MILLING ASPHALT PAVEMENT, 1" to 3" DEPTH	76,550	SY		

SECTION 3: PAVEMENT MARKINGS/SIGNALS

Item No.	Item Description	Scheduled Quantities	Unit	Unit Price	Amount
13	4" THERMOPLASTIC WHITE LINE, 120 MILS	7,850	LF		
14	8" THERMOPLASTIC WHITE LINE, 120 MILS	750	LF		
15	24" THERMOPLASTIC WHITE LINE, 120 MILS	850	LF		
16	4" THERMOPLASTIC YELLOW LINE, 120 MILS	25,900	LF		
17	THERMOPLASTIC PAVEMENT MARKING SYMBOLS, ARROWS (STRAIGHT OR TURN)	111	EA		
18	THERMOPLASTIC PAVEMENT MARKING SYMBOLS, COMBINATION ARROWS	17	EA		
19	THERMOPLASTIC PAVEMENT MARKINGS, "ONLY"	8	EA		
20	THERMOPLASTIC PAVEMENT MARKING, "RXR"	2	EA		
21	WAVETRONIX DIGITAL WAVE RADAR, INSTALLATION ONLY	9	EA		
22	FLIR TRAFISENSE THERMAL DETECTION CAMERA, INSTALLATION ONLY	4	EA		

SECTION 1: RESURFACING SUBTOTAL _____

SECTION 2: MILLING SUBTOTAL _____

SECTION 3: PAVEMENT MARKINGS/SIGNALS SUBTOTAL _____

PROJECT TOTAL _____

Contractor _____
 License No. _____
 Signature _____
 Date _____

STREET LISTING FOR RESURFACING AND MILLING

Street Name	From	To	Milling (SY)	Estimated 5" Base Repair (Tons)	Resurfacing (Tons)	Thickness (inches)
W. ARLINGTON BLVD	HEART DRIVE	S. MEMORIAL DRIVE	57,650	6,300	5,650	1.75
RED BANKS ROAD	S GREENVILLE BLVD	E. ARLINGTON BLVD.	18,900	790	1,850	1.75

INTERSECTION LISTING FOR CONCRETE WORK

Intersection	Corner	Work to be Completed
Arlington at Beasley (across from Heart Dr.	NW	Add (2) 4'x4' landings
Arlington at Beasley/Heart Dr.	SW	Add (2) 4'x4' landings
Arlington at Beasley	NE	Add truncated domes (x2); Add (2) 4'x4' landings
Arlington at Beasley	NW	Add truncated domes (x2); Add (2) 4'x4' landings
Arlington at Beasley	SE	Add (2) 4'x4' landings
Arlington at Beasley	SW	Add truncated domes (x2); Add (2) 4'x4' landings
Arlington at Stantonsburg	All	Add (2) 4'x4' landings each corner, total (8)
Arlington at Hemby Ln	NE	Add (2) 4'x4' landings
Arlington at Hemby Ln	NW	Add (2) 4'x4' landings
Arlington at Emerald Pl	NE	Remove 16 LF of ex. C&G; install new WCR; Add (2) 4'x4' landings

Intersection	Corner	Work to be Completed
Arlington at Emerald Pl	NW	Remove 9 SY of ex. concrete sidewalk; Remove 16 LF of ex. C&G; install new WCR; Add (2) 4'x4' landings
Arlington at Dickinson	NE	Remove ex. WCR (x2); install new WCR (x2) in place of existing; Add (2) 4'x4' landings; Add 4" thk. concrete sidewalk to tie-in new landings
Arlington at Dickinson	NW	Add (2) 4'x4' landings
Arlington at Dickinson	SE	Remove ex. WCR (x2); install new WCR (x2) in place of existing; Add (2) 4'x4' landings; Add 4" thk. concrete sidewalk to tie-in new landings
Arlington at Dickinson	SW	Install new WCR (x2); Add (2) 4'x4' landings
Arlington at Memorial	All	Add truncated domes (x2) each corner, total of (8); Add (2) 4'x4' landings each corner, total of (8)

INTERSECTION LISTING FOR SIGNAL WORK

Intersection	Approach	Wavetronix	FLIR TrafiSense
W. Arlington Blvd. at Heart Dr.	Northbound	1	0
W. Arlington Blvd. at Stantonsburg Rd.	Northbound	1	1
	Southbound	1	0
W. Arlington Blvd. at Dickinson Ave.	Eastbound	0	1

Intersection	Approach	Wavetronix	FLIR TrafiSense
	Westbound	0	1
W. Arlington Blvd. at Memorial Dr.	Eastbound	1	1
Red Banks Rd. at E. Arlington Blvd.	Northbound	1	0
	Southbound	1	0
	Eastbound	1	0
	Westbound	1	0
Red Banks Rd. at Greenville Blvd.	Eastbound	1	0