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To: All Interested Bidders and plan holders
From: James Lynn Raynor, PE 
RE: South Tar River Greenway Phase 3
PWD-2017-009
EB-5539
Addendum #1
Date: October 2, 2017

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. Bidders are encouraged to review this addendum carefully prior to submitting a bid.

Changes/Additions to Bid List and Specifications:

1. Line Items for all bid alternates have been renumbered to provide consecutive numbering throughout the Bid Form. Revised Bid Form pages F-9 through F-17 are attached. All bidders are instructed to use these Revised Bid Form pages when submitting their bid.

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

cc: Kevin Mulligan, PE, Public Works Director
Scott Godefroy, PE, City Engineer
Jeff Moore, PE, Kimley-Horn and Associates
Neil Lassiter, PE, SEPI Engineering and Construction
File

Pre-Bid Conference Minutes

EB-5539 South Tar River Greenway, Phase 3

The following persons attended the pre-bid conference on September 26, 2017 at 10:00 AM in the City of Greenville conference room:

<u>Name:</u>	<u>Company:</u>	<u>Phone:</u>	<u>Email:</u>
Lynn Raynor	City of Greenville	252-329-4620	lraynor@greenvillenc.gov
Ryan Purtle	City of Greenville	252-329-4476	rpurtle@greenvillenc.gov
Jeff Moore	Kimley-Horn	919-677-2175	jeff.moore@kimley-horn.com
Neil Lassiter	SEPI	252-531-0064	nlassiter@sepiengineering.com
Jeff Vreugdenhil	SEPI	910-990-0302	jvreugdenhil@sepiengineering.com
Garrius Jones	Lanier Construction	252-747-8124	garrius@lanierconstruction.com

The following items represent issues discussed and topics that the City of Greenville and Kimley-Horn will take into consideration for issuance of an addendum to the contract documents and bidding purposes:

- Lynn began the meeting with introductions of all attendees.
- This pre-bid conference is not mandatory.
- Bonds/Insurance Certificates will be required including 5% Bid Bond, Payment/Performance Bonds/Insurance Certificate, and CSXT railroad insurance requirements.
- The City will conduct a formal bid opening on October 19, 2017 at 10:00 AM in this conference room.
- As shown on Page 7 of the contract documents, all bidders must be pre-qualified by NCDOT and listed on the Directory of Transportation Firms at the time bid proposal is submitted.
- DBE goal for the project is 7% and DBE requirements begin on page 18.
- Page 36 includes the Iran Divestment Act.
- This project is federally funded through NCDOT. Therefore, all NCDOT specifications, processes, paperwork, submittals, materials certifications, and testing requirements including, but not limited to certified payrolls, Equal Employment Opportunity (EEO), and Davis-Bacon will apply.
- NCDOT Standard Specification sections are referenced on the bid form.
- Vendors and material suppliers must be NCDOT approved.
- Contract Time and Liquidated Damages is included on page 14.
- Phase 3A is the base bid and will be used to determine low bidder.
- Phase 3A is 4,224 LF (0.8 miles) in length and consists of the following:
 - Nash Street to Pitt Street
 - 10-foot wide asphalt and concrete trail construction
 - 40 feet of boardwalks
 - 140 LF of soldier pile retaining wall
 - Railroad crossing
 - Pile supported slab and timber canopies
- Base Bid Phase 3A constitutes Intermediate Contract Time (ICT) #1 and is 240 calendar days. See plan cover sheet for Phase designations.

- ICT #2 refer to Day and Time Restrictions on page 15-16.
- Liquidated damages for ICT# 1 is \$750/day after the contract completion date.
- Liquidated damages for ICT #2 is \$200/hour.
- The Date of Availability is anticipated to be February 1, 2018.
- Lynn and Jeff Moore explained the bid alternates as follows:
 - A unit price must be filled out for all pay items including all bid alternates.
 - Bid Alternate 1 – Replace Drainage Structure 0906 (Sheet C-9)
 - o Pay item 50 is the Conversion of that CB to JB with MH cover and is paid as Each.
 - o Bid Alternate 1 will have a total amount and the City will compare the two amounts and select an option.
 - o If Bid Alternate 1 is selected, then pay item 50 would no longer be valid and Bid Alternate 1 would become part of the contract.
 - o If Bid Alternate 1 is not selected, then pay item 50 would be valid and Bid Alternate 1 would not become part of the contract.
 - o The same is true in other alternates.
 - Bid Alternate 2 – Fairfax Trailhead (Sheets C-10, L-1 thru L-3)
 - o If Bid Alternate 2 is selected by the City, then it would become part of the contract and no other items would be affected.
 - Bid Alternate 3 – White Street Trail Connection (Sheet C-12)
 - o If Bid Alternate 3 is selected by the City, then it would become part of the contract and no other items would be affected.
 - Bid Alternate 4 – Precast Concrete Boardwalk with Metal Railing
 - o If Bid Alternate 4 is selected by the City, then pay items 90 and 91 are invalidated and Bid Alternate 4 would become part of the contract.
 - Bid Alternate 5 – Precast Concrete Boardwalk with Timber Railing
 - o If Bid Alternate 5 is selected by the City, then Pay items 90 and 91 are invalidated and Bid Alternate 5 would become part of the contract.
 - Bid Alternate 6 consists of Phase 3B, is 4,459 LF (0.8 miles) in length, and consists of the following:
 - o Moye Boulevard to Nash Street
 - o 10-foot wide asphalt and concrete trail construction
 - o 274 feet of boardwalks
 - o 720 LF of MSE retaining wall
 - o 69-foot prefabricated steel pedestrian bridge
 - If Bid Alternate 6 is not selected, then Bid Alternates 7, 8, and 9 would not become part of the contract.
 - Bid Alternate 7 – Third Street Trail Connection (Sheet C-3)
 - o If Bid Alternate 7 is selected by the City, then it would become part of the contract and no other items would be affected.
 - Bid Alternate 8 – Precast Concrete Boardwalk with Metal Railing
 - o If Bid Alternate 8 is selected by the City, then pay items “Timber Boardwalk #1 - 26+82.00 -L1-” and “Timber Boardwalk #2 - 28+50.94 -L1-” are invalidated and Bid Alternate 8 would become part of the contract.
 - Bid Alternate 9 – Precast Concrete Boardwalk with Timber Railing
 - o If Bid Alternate 9 is selected by the City, then pay items “Timber Boardwalk #1 - 26+82.00 -L1-” and “Timber Boardwalk #2 - 28+50.94 -L1-” are invalidated and Bid Alternate 9 would become part of the contract.

- The mobilization, construction surveying, and grading pay items within each Bid Alternate are applicable to the specific bid alternates.
- Lynn and Jeff explained the calendar days (page 14) for the different bid alternates as follows:
 - Phase 3A – 240 days
 - Alternate 1 – Zero
 - Alternate 2 – 15 days
 - Alternate 3 – 15 days
 - Alternate 4 – Zero
 - Alternate 5 – Zero
 - Phase 3B (Alternate 6) – 120 days
 - Alternate 7 – Zero
 - Alternate 8 – Zero
 - Alternate 9 – Zero
 - If Bid Alternates 1 and 2 are selected, then the total contract duration for ICT#1 would be 255 calendar days.
 - If Bid Alternates 1, 2, and 3 are selected, then ICT#1 would be 270 calendar days.
 - If all bid alternates are selected, then ICT#1 would be 390 calendar days.
 - Permanent Vegetation Establishment add 180 calendar days to the contract.
- The City has a special provision (page 48) that adjust NCDOT working hours to 8 AM to 5 PM Monday thru Friday.
- Weekend and night work must be approved in writing by City (page 48).
- Contractor must reimburse the City \$100/hour for inspection outside of the normal working hours.
- Bid Evaluation and Contract Award will select the lowest responsive responsible bidder (page 49).
- Recommendation of contract award is anticipated at the November 9, 2017 City Council meeting.
- Concurrence of Award will be requested from NCDOT afterward and concurrence typically takes approximately 30 days.
- Project description includes construction of 10' wide multi-use path, including grading, drainage, paving, structure, traffic control, erosion control, waterline relocation, and related items.
- Contractor must provide a draft Public Advisory notice (page 102) to the City for review. Once approved by the City, the Contractor will send out to residents through mail, door hanger, or from house to house as necessary. This is incidental to other items in the contract.
- Lynn placed special emphasis on Surveying and Layout (page 47). Construction Surveying is included in the contract, and shall be performed in according with NCDOT specifications, the Manual for Construction Layout, and other referenced documents.
- The project does not have any Major Contract Items.
- Specialty Items are shown on page 17.
- The construction access off 3rd Street is locked by Greenville Utilities Commission (GUC). The Contractor must purchase a lock to facilitate a double-lock setup to keep this access locked during construction. The City has coordinated this with GUC. This is incidental to other items in the contract.
- Lynn suggested fencing around laydown areas for protection against theft and vandalism since this is the Contractor's responsibility.
- Another access point is the trail head at Fairfax Avenue.
- Traffic Control – reasonable access to residences must be maintained, especially along Colonial Avenue.

- Contract Administration and Inspection (CEI) and Construction Materials Testing (CMT) for this contract will be performed by SEPI Engineering. Once the contract has been awarded, all communication and correspondence will be funneled through SEPI.
- An addendum will be sent out with pre-bid minutes and responses to any requests for information received.
- Bid date – Thursday, October 19, 2017 at 10:00 AM, 1500 Beatty Street. Be sure to include all required documents with bids.
- The City Contact will be Lynn Raynor, PE, CE II, 252-329-4620, lraynor@greenvillenc.gov
- GUC has poles along Colonial Avenue that require relocation. Kimley-Horn will coordinate these relocations to take place before the Date of Availability.
- The City will discuss construction meetings at the pre-construction conference.
- The appendices in the contract documents include CSXT Special Provisions, Construction Submission Criteria, and Insurance Requirements.
- Foundations include the following:
 - Pile Supported Slab – HP 12x53 steel piles
 - Boardwalks – 8-inch diameter timber piles
 - Prefabricated Steel Pedestrian Bridge – Steel H-piles
- All right-of-way is acquired and all permits are included in the appendices.
- All bidder questions must be sent to Lynn Raynor until close of business on October 12, 2017 for issuance of any final addenda.
- SEPI will plan to conduct the Pre-Construction Conference and discuss project expectations and document control.
- The timber canopies at the railroad underpass will require a building permit.

The following questions were asked by Contractors:

- 1) Question: Due to this area being prone to flooding, how has the City factored in rain days with ICT#1?
Answer: Rain days will be handled per NCDOT specifications. For a contract time extension to be considered by the City, 40% of the contract time has to be affected by adverse weather.
- 2) Question: Would the Buy America provision apply?
Answer: Yes

PHASE 3A - ALTERNATE BID 1 – REPLACE DRAINAGE STRUCTURE 0906						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
95	840	Masonry Drainage Structures	1	EA		
96	840	Masonry Drainage Structures	2	LF		
97	840	Frame with Cover, STD 840.54	1	EA		

PHASE 3A - ALTERNATE BID 1: \$ _____

BID SUBMITTED BY: _____

Contractor/Date

PHASE 3A - ALTERNATE BID 2- FAIRFAX AVE. TRAILHEAD						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
98	800	Mobilization	1	LS		
99	801	Construction Surveying	1	LS		
100	226	Grading	1	LS		
101	520	Aggregate Base Course	145	TON		
102	610	Asphalt Concrete Surface Course, Type S9.5B	100	TON		
103	620	Asphalt Binder for Plant Mix	10	TON		
104	846	2'-0" Concrete Curb & Gutter	465	LF		
105	846	Concrete Valley Curb	70	LF		
106	846	18" Concrete Ribbon Curb	50	LF		
107	SP	Precast Concrete Wheel Stops	6	EA		
108	846	4" Concrete Sidewalk	90	SY		
109	848	Concrete Curb Ramp (NCDOT)	2	EA		
110	SP	Metal Hand Rail	105	LF		
111	901	Contractor Furnished, Type E Sign	12	SF		
112	903	Supports, 3-LB Steel U-Channel	28	LF		

PHASE 3A - ALTERNATE BID 2- FAIRFAX AVE TRAILHEAD						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
113	904	Sign Erection, Type E	2	EA		
114	SP	Single Sided Directional Sign	1	EA		
115	SP	Trailhead/Entrance Sign	1	EA		
116	1205	Thermoplastic Pavement Marking Lines, 4", 120 mils	410	LF		
117	1205	Thermoplastic Pavement Marking Lines, 24", 120 mils	15	LF		
118	1205	Thermoplastic Pavement Marking Symbols	3	EA		
119	1615	Temporary Mulching	0.3	ACR		
120	1660	Seeding & Mulching	0.3	ACR		

PHASE 3A - ALTERNATE BID 2: \$ _____

BID SUBMITTED BY: _____

Contractor/Date

PHASE 3A - ALTERNATE BID 3- WHITE STREET TRAIL CONNECTION						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
121	800	Mobilization	1	LS		
122	801	Construction Surveying	1	LS		
123	226	Grading	1	LS		
124	846	4" Concrete Sidewalk	45	SY		
125	SP	Concrete Step Tread	330	LF		
126	SP	Concrete Buttress Wall	151	LF		
127	SP	Metal Hand Rail	151	LF		
128	SP	Single Sided Directional Sign	2	EA		
129	1520	16" Sanitary Gravity Sewer	20	LF		
130	SP	Bypass Pumping	1	EA		
131	SP	Safety Fence/Tree Protection Fence	275	LF		
132	1615	Temporary Mulching	0.1	ACR		
133	1660	Seeding & Mulching	0.1	ACR		

PHASE 3A - ALTERNATE BID 3: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date

PHASE 3A - ALTERNATE BID 4- PRECAST CONCRETE BOARDWALK WITH METAL RAILING						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
134	SP	Precast Concrete Boardwalk #3 with Metal Railing - 116+51.14 -L4-	1	LS		
135	SP	Precast Concrete Boardwalk #4 with Metal Railing- 118+36.00 -L4-	1	LS		

PHASE 3A - ALTERNATE BID 4: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date

PHASE 3A - ALTERNATE BID 5- PRECAST CONCRETE BOARDWALK WITH TIMBER RAILING						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
136	SP	Precast Concrete Boardwalk #3 with Timber Railing - 116+51.14 -L4-	1	LS		
137	SP	Precast Concrete Boardwalk #4 with Timber Railing- 118+36.00 -L4-	1	LS		

PHASE 3A - ALTERNATE BID 5: \$ _____

BID SUBMITTED BY: _____

Contractor/Date

PHASE 3B – ALTERNATE 6						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
138	800	Mobilization	1	LS		
139	801	Construction Surveying	1	LS		
140	226	Grading	1	LS		
141	226	Supplementary Clearing and Grubbing	0.5	ACR		
142	226	Undercut Excavation	2560	CY		
143	265	Select Granular Material	3075	CY		
144	270	Geotextile for Soil Stabilization	3840	SY		
145	300	Foundation Conditioning Material, Minor Structures	20	TON		
146	300	Foundation Conditioning Geotextile	50	SY		
147	310	15" RC Pipe Culverts, Class IV	36	LF		
148	310	18" RC Pipe Culverts, Class IV	66	LF		
149	310	24" RC Pipe Culverts, Class IV	28	LF		
150	SP	18" Flared End Section	4	EA		
151	SP	24" Flared End Section	2	EA		
152	SP	#57 Stone	100	TON		

PHASE 3B – ALTERNATE 6						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
153	462	6" Slope Protection	70	SY		
154	520	Aggregate Base Course	2550	TON		
155	545	Incidental Stone Base	50	TON		
156	610	Asphalt Concrete Intermediate Course, Type I19.0B	3	TON		
157	610	Asphalt Concrete Surface Course, Type S9.5B	5	TON		
158	610	Asphalt Concrete Surface Course, Type SF9.5A	330	TON		
159	620	Asphalt Binder for Plant Mix	23	TON		
160	816	Shoulder Drain	720	LF		
161	816	4" Shoulder Drain Pipe	720	LF		
162	816	4" Outlet Pipe for Shoulder Drains	50	LF		
163	816	Concrete Pad for Shoulder Drain Pipe Outlet	2	EA		
164	840	Masonry Drainage Structures	2	EA		
165	840	Masonry Drainage Structures	2	LF		
166	840	Frame with Grate, STD 840.24	1	EA		
167	840	Frame with Two Grates, STD 840.16	1	EA		
168	846	2'-0" Concrete Curb & Gutter	20	LF		
169	848	4" Concrete Sidewalk	10	SY		
170	SP	6" Reinforced Concrete Sidewalk	585	SY		
171	SP	6" Reinforced Concrete Approach Slab	70	SY		
172	848	Concrete Multi-Use Path Curb Ramp	1	EA		
173	SP	Post and Cable Fence	1370	LF		
174	SP	Hinged Bollard	2	EA		
175	SP	Wood Bollard	77	EA		
176	859	Convert Existing Drop Inlet to Junction Box with MH	1	EA		
177	SP	72" Chain Link Fence	80	LF		

PHASE 3B – ALTERNATE 6						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
178	867	Chain Link Fence Reset	650	LF		
179	SP	Remove and Reset Gate	1	EA		
180	876	Rip Rap, Class II	123	TON		
181	876	Rip Rap, Class B	13	TON		
182	SP	Remove and Reset Rip Rap	90	SY		
183	876	Geotextile for Drainage	1490	SY		
184	SP	Preformed Scour Hole with Level Spreader Apron	1	EA		
185	901	Contractor Furnished, Type E Sign	41	SF		
186	903	Supports, 3-LB Steel U-Channel	240	LF		
187	904	Sign Erection, Type E	16	EA		
188	SP	Trailhead/Entrance Sign	1	EA		
189	SP	Mile Marker Sign	2	EA		
190	1205	Thermoplastic Pavement Marking Lines, 4", 120 mils	25	LF		
191	SP	Adjust Air Release Valve Structure	1	EA		
192	1605	Temporary Silt Fence	9000	LF		
193	1610	Stone for Erosion Control, Class A	475	TON		
194	1610	Stone for Erosion Control, Class B	100	TON		
195	1610	Sediment Control Stone	175	TON		
196	1615	Temporary Mulching	3	ACR		
197	1620	Seed for Temporary Seeding	250	LB		
198	1620	Fertilizer for Temporary Seeding	0.50	TON		
199	SP	Safety Fence/Tree Protection Fence	1450	LF		
200	1631	Matting for Erosion Control	1800	SY		
201	SP	Mud Mat	400	LF		
202	SP	Permanent Soil Reinforcement Mat	139	SY		

PHASE 3B – ALTERNATE 6						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
203	1632	1/4" Hardware Cloth	265	LF		
204	1639	Special Stilling Basins	4	EA		
205	1660	Seeding & Mulching	5	ACR		
206	1660	Mowing	3	ACR		
207	1661	Seed for Repair Seeding	250	LB		
208	1661	Fertilizer for Repair Seeding	0.25	TON		
209	1662	Seed for Supplemental Seeding	150	LB		
210	1665	Fertilizer Topdressing	3.00	TON		
211	SP	Response for Erosion Control	35	EA		
212	SP	Concrete Washout Structure	2	EA		
213	1715	Directional Drill Polyethylene Conduit, 2 (2" Conduit)	405	LF		
214	SP	2" PVC Conduit	8120	LF		
215	SP	Street Light Handhole	20	EA		
216	SP	Timber Boardwalk #1 - 26+82.00 -L1-	1	LS		
217	SP	Timber Boardwalk #2 - 28+50.94 -L1-	1	LS		
218	SP	Pedestrian Bridge - 52+89.00 -L2-	1	LS		
219	SP	Retaining Wall #1 - 30+20.94 -L1-	4290	SF		

PHASE 3B - ALTERNATE BID 6: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date

PHASE 3B - ALTERNATE BID 7- THIRD STREET TRAIL CONNECTION						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
220	800	Mobilization	1	LS		
221	801	Construction Surveying	1	LS		
222	226	Grading	1	LS		
223	310	18" RC Pipe Culverts, Class IV	24	LF		
224	SP	18" Flared End Section	2	EA		
225	520	Aggregate Base Course	45	TON		
226	660	Asphalt Surface Treatment, Mat Coat, #6M Stone	120	SY		
227	SP	Single Sided Directional Sign	1	EA		
228	SP	Trailhead/Entrance Sign	1	EA		
229	SP	Hinged Bollard	1	EA		
230	SP	Wood Bollard	2	EA		
231	876	Rip Rap, Class B	3	TON		
232	876	Geotextile for Drainage	8	SY		
233	1605	Temporary Silt Fence	275	LF		
234	1615	Temporary Mulching	0.1	ACR		
235	SP	Mud Mat	50	LF		
236	1660	Seeding & Mulching	0.1	ACR		

PHASE 3B - ALTERNATE BID 7: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date

PHASE 3B - ALTERNATE BID 8- PRECAST CONCRETE BOARDWALK WITH METAL RAILING						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
237	SP	Precast Concrete Boardwalk #1 with Metal Railing - 26+82.00 -L1-	1	LS		
238	SP	Precast Concrete Boardwalk #2 with Metal Railing - 28+50.94 -L1-	1	LS		

PHASE 3B - ALTERNATE BID 8: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date

PHASE 3B - ALTERNATE BID 9- PRECAST CONCRETE BOARDWALK WITH TIMBER RAILING						
Line Item	Sec No	Pay Item	Quantity	Unit	Price	Amount
239	SP	Precast Concrete Boardwalk #1 with Timber Railing - 26+82.00 -L1-	1	LS		
240	SP	Precast Concrete Boardwalk #2 with Timber Railing - 28+50.94 -L1-	1	LS		

PHASE 3B - ALTERNATE BID 9: \$ _____

BID SUBMITTED BY: _____
 Contractor/Date