
ADDENDUM NO. 2

Date: September 9, 2014

Project Name: Alberta Revitalization Infrastructure Project Phase 1A
for the City of Tuscaloosa

City Project Number: A12-1324
WA Project Number: 13-100

This addendum to drawings and specifications dated August 8, 2014 and any previous addenda for the above referenced project supersedes all contrary and conflicting information contained in said drawings, specifications and addenda. Said drawings, specifications and addenda are hereby amended in the following particulars that are in full force as part of this contract.

Bidders shall acknowledge receipt of this addendum on their bid.

ITEM NO. 1 – BID SCHEDULE:

Replace the Bid Schedule provided in Addendum No. 1 in its entirety with the attached revised Bid Schedule dated 09/09/14. Revised line items are reflected by being italicized and bolded and are summarized below:

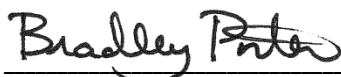
Item 55: Shall read *4" PVC SDR 26 Sanitary Sewer Lateral* instead of 6".
Item 64: Quantity shall be *"1201"* instead of "1195"
Item 72: Quantity shall be *"5"* instead of "4".
Item 73: Quantity shall be *"5"* instead of "4".
Item A1: Shall read *4" DI CL 52 Sanitary Sewer Lateral* instead of 6".

ITEM NO. 2 – CONTRACTOR QUESTIONS:

1. On Storm Structures 1-1, 1-2, 1-3, 1-4, 1-5 you show structural drawings for these structures; will precast structures be acceptable? A precast or alternate cast-in-place structure will be considered for these structures. If a precast or alternate cast-in-place structure other than the designs shown in the plans is to be used, the Contractor shall provide, prior to construction, shop drawings and submittals for the precast or alternate cast-in-place structure to be used, for review and consideration. Boxes would need to be designed to meet all traffic and soil loadings and accommodate all pipe sizes and their angles as shown in the plans. Shop drawings and submittals must be stamped by a licensed Professional Engineer registered in the State of Alabama.
2. A supplier is quoting precast storm boxes that are 9x9 with 8 inch wall, floors and tops will these be acceptable in lieu of poured in-place for boxes 1 thru. 5. See Response to Question No. 1.

3. Do we need to include the water line materials for the city water main? The notes on the plan sheets call for the city to provide the materials but the specs call for us to provide them. *While all water system improvements will be public water lines, the bid unit cost shall include both material and installation labor. The City of Tuscaloosa Request and Agreement for Water Service will not apply to this project. On sheet C1.1, Water Distribution Note No. 2 shall be replaced in its entirety and read as follows: "All material and installation shall be provided by the Contractor and shall meet the City of Tuscaloosa requirements. All cost for these items shall be included in the unit price bid items provided as part of this project."*
4. Sheet C5.3 Storm Line 2 Profile shows an Existing Gas Main to be Removed/Replace. Will that be done by the gas company? Yes, relocation of any existing gas main which conflicts with the proposed utility improvements would be relocated by Alagasco. This is further outlined on sheet C8.1, Note No. 3.
5. A lump sum topsoil pay item is setup for the project. Will all disturbed areas get topsoiled back (including house demo areas)? Will sodding, landscaping, or permanent grassing be needed anywhere, I see no pay items for this? All disturbed areas, including areas where houses, driveways, slabs, etc. are removed will be topsoiled and seeded/mulched. Sodding or landscaping are not required as part of this project phase. Permanent Seeding and Mulching is required of disturbed areas associated with house and slab removal and shall be included as part of these respective pay items. This is noted in the determination of pay quantities for these specific items. All other disturbed areas shall be topsoil as outlined in the determination of pay quantities for the topsoil pay item and then seeded and mulched to permanently stabilize the area to satisfy the NPDES permit.
6. Is it the Contractors responsibility to cut & cap any utilities for the houses to be demolished? The Contractor shall coordinate cutting/capping of any water and sewer services to the residences to be demolished at the right-of-way. This shall be coordinated with the City of Tuscaloosa. The Contractor shall also coordinate with the private utility companies to have any other private utility services cut/capped.
7. Please confirm that where storm and sanitary sewer is located within the street that these trenches shall be backfilled with stone for the full depth of the cut? Yes, as outlined in the trench details, utilities installed within the street shall be backfilled for the full depth with the specified stone backfill and compacted as required.
8. Will the existing roadway that will be removed to the south of the project (around sanitary manholes F3 and F4) need to be replaced with asphalt or will this area be landscaped? The paved area around sanitary manholes F3 and F4 is not required to be replaced/patched with asphalt as this area falls within the proposed grassed area of the Fire Station No. 4 project. This section of Sanitary Line F that falls behind the proposed back of curb of the 26th Avenue improvements shall be backfilled per the trench detail for "Improved Areas or Lawns".

END OF ADDENDUM NO. 2



Michael Bradley Porter, P.E.
Alabama Registration No. 30442





City of Tuscaloosa
Alberta Revitalization Infrastructure Project



Phase 1A
Bid Schedule
 9/9/2014 (Revised Addendum No. 2)

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
PROJECT BASE BID COST					
General, Demolition, Clearing, Grubbing, and Earthwork					
1	1	l.s.	Payment and Performance Bonds		
2	1	l.s.	Mobilization and Demobilization		
3	1	l.s.	Demolition, Clearing, and Grubbing (Approximately 1.1 acres)		
4	1137	l.f.	Removal/Stone Backfill of Existing Pipe (4" & larger, all material)		
5	12	each	Remove Existing Sanitary Manhole/Storm Structure & Backfill		
6	10	c.y.	Slurry Fill of Abandoned Pipes		
7	2508	s.y.	Remove Existing Pavements (Concrete and Asphalt)		
8	1	each	Remove Existing Fire Hydrant		
9	1	l.s.	Demo/Remove Existing Residence No. 1 (2303 7th Street East)		
10	1	l.s.	Demo/Remove Existing Residence No. 2 (2305 7th Street East)		
11	1	l.s.	Demo/Remove Existing Residence No. 3 (2311 7th Street East)		
12	1	l.s.	Demo/Remove Existing Residence No. 4 (2313 7th Street East)		
13	1	l.s.	Demo/Remove Existing Residence No. 5 (2315 7th Street East)		
14	1	l.s.	Demo/Remove Existing Residence No. 6 (702 24th Avenue East)		
15	1	l.s.	Demo/Remove Existing Residence No. 7 (2401 7th Street East)		
16	1	l.s.	Demo/Remove Existing Concrete Slab No. 1 (2415 7th Street East)		
17	1	l.s.	Demo/Remove Existing Concrete Slab No. 2 (2417 7th Street East)		
18	1	l.s.	Demo/Remove Existing Concrete Slab No. 3 (2419 7th Street East)		
19	1	l.s.	Earthwork		
20	1	l.s.	Topsoil (Req'd 4" thick in all disturbed areas)		
21	2000	c.y.i.p.	Removal/Disposal/Replacement of Unsuitable Material		
Base, Pave and Curb & Gutter Improvements					
22	50	s.y.	Milling/Planing Existing Pavement (Thickness Varies) (26th Avenue)		
23	2718	s.y.	Roadbed Stabilizing Material (Includes ALDOT #57 Stone and Roadbed Processing)		
24	2718	s.y.	Bituminous Treatment A (ALDOT 401)		
25	480	gal	Tack Coat (ALDOT 405A)		
26	2500	s.y.	Bituminous Concrete Wearing Surface Layer, 1/2" Max Aggregate Mix (ALDOT 424A) (1.50" Compacted Thickness)		
27	2270	s.y.	Bituminous Concrete Upper Binder Layer, 3/4" Max Aggregate Mix (ALDOT 424B) (1.50" Compacted Thickness)		
28	2270	s.y.	Bituminous Concrete Lower Binder Layer, 1" Max Aggregate Mix (ALDOT 424B) (2.25" Compacted Thickness)		
29	37	s.y.	Asphalt Patching		
30	21	s.y.	Concrete Driveway - Residential (6" Thick)		
31	28	s.y.	Concrete Sidewalk		
32	1090	l.f.	Combination Curb and Gutter		
33	100	l.f.	2' Band Curb		
34	53	l.f.	4' Valley Gutter (Residential Driveways)		
35	87	l.f.	4' Valley Gutter with Reinforcement (Fire Station No. 4 Driveway)		
36	54	l.f.	4' Valley Gutter with Reinforcement (APCO Driveway)		
37	84	l.f.	6' Valley Gutter		

Storm Sewer System Improvements				
38	15	l.f.	15" R.C. Pipe, Class 3	
39	31	l.f.	18" R.C. Pipe, Class 3	
40	362	l.f.	24" R.C. Pipe, Class 3	
41	31	l.f.	22" x 13 1/2" R.C. Arch Pipe, Class 3	
42	28	l.f.	28 1/2" x 18" R.C. Arch Pipe, Class 3	
43	441	l.f.	58 1/2" x 36" R.C. Arch Pipe, Class 3	
44	1	each	Type "S" Inlet (1 Wing)(Depths Vary)	
45	2	each	Type "S" Inlet (2 Wing)(Depths Vary)	
46	2	each	Type "S" Inlet (2 Wing) with BMP Snout (Model 30R) & 5' Sump	
47	1	each	Concrete Junction Box (Depths Vary)	
48	1	l.s.	Storm Structure 1-1 (Junction Box, Special)	
49	1	l.s.	Storm Structure 1-2 (Junction Box, Special)	
50	1	l.s.	Storm Structure 1-3 (Junction Box, Special)	
51	1	l.s.	Storm Structure 1-4 (Junction Box, Special)	
52	1	l.s.	Storm Structure 1-5 (Junction Box, Special)	
53	1	each	Tie to Existing Storm Structure	
54	2	each	Concrete Plug Existing Storm Structure Invert or Pipe	
Sanitary Sewer System Improvements				
55	120	l.f.	4" PVC SDR 26 Sanitary Sewer Lateral (includes any req'd end caps)	
56	868	l.f.	8" PVC SDR 26 Sanitary Sewer Main	
57	333	l.f.	10" PVC SDR 26 Sanitary Sewer Main	
58	35	l.f.	6" DI CL 52 Sanitary Sewer Stub Out and Cap at Fire Station #4	
59	7	each	Standard Precast Manhole	
60	4	each	Standard Precast Doghouse Manhole	
61	1	each	Tie to Existing Sewer Lateral	
62	0	each	Tie to Existing Sewer Main (Includes Concrete Collar)	
63	2	each	Concrete Plug Existing Sanitary Manhole Invert or Pipe	
64	1201	l.f.	Post Construction Camera Inspection	
Water Distribution and Fire Protection System Improvements				
65	89	l.f.	3/4" Type "K" Copper Water Service Line (includes cap where req'd)	
66	10	l.f.	6" Class 350 Compression Joint D.I. Water Main	
67	828	l.f.	8" Class 350 Compression Joint D.I. Water Main	
68	2	each	6" x 6" Tapping Sleeve and Valve and Valve Box	
69	1	each	8" x 8" Tapping Sleeve and Valve and Valve Box	
70	5	each	8" Gate Valve and Valve Box	
71	2	each	8" DIMJ Water Main Plug	
72	5	each	Cut/Cap Existing Water Main	
73	5	each	Direct Tap to Water Main	
74	1	each	Fire Hydrant Assembly	
75	1	l.s.	Pressure Testing and Disinfection (For Entire System)	
Electrical, Fiber Optic, Irrigation Utility Improvements				
76	1	l.s.	2" Sch 40 PVC Conduit (APCO) (+/- 710 l.f.)	
77	1	l.s.	3" Sch 40 PVC Conduit (APCO) (+/- 230 l.f.)	
78	1	l.s.	5" Sch 40 PVC Conduit (APCO) (+/- 5,000 l.f.)	
79	1	l.s.	4" Sch 40 PVC Conduit (AT&T) (+/- 410 l.f.)	
80	1	l.s.	1 1/2" Sch 40 PVC Conduit (TDOTL) (+/- 720 l.f.)	
81	1	l.s.	1 1/4" Sch 40 PVC Conduit (TDOTF) (+/- 170 l.f.)	
82	1	l.s.	4" Sch 40 PVC Conduit w\3 1 1/4" Innerducts (TDOTF)(+/- 3,800 l.f.)	
83	1	l.s.	6" Sch 40 PVC Conduit (Irrigation) (+/- 100 l.f.)	
84	3	each	4'x6'x4' Pull Box (APCO) (Installation Only)	
85	1	each	6'x15'x7' Manhole (APCO) (Installation Only)	
86	1	each	Pad Mount Transformer (APCO) (Installation Only)	
87	3	each	Secondary Pedestal (APCO) (Installation Only)	
88	2	each	3'x4'x3' TDV Vault	
89	1	each	4'x6'x4' TDV Vault	
90	1	l.s.	Tie to Existing AT&T Cabinets	
91	1	l.s.	Tie to Existing Residential Power Panel (Service Conversion)	

Erosion Control					
92	1	l.s.	Erosion Control Management and Maintenance		
Traffic Control					
93	1	l.s.	Traffic Control		
94	1	l.s.	Construction Signs		
Permanent Signing and Striping					
95	1376	l.f.	Solid Yellow, Class 1, Type A Traffic Stripe (4" Wide)		
Miscellaneous Items					
96	100	tons	ALDOT No. 24 Stone (Miscellaneous Use As Directed by the Owner's Representative)		
97	100	tons	ALDOT No. 57 Stone (Miscellaneous Use As Directed by the Owner's Representative)		
98	100	tons	ALDOT No. 8910 Stone (Miscellaneous Use As Directed by the Owner's Representative)		
99	150	c.y.	Utility Trench Foundation Material (As Directed by Owner's Representative)		
100	750	s.y.	Geotextile Stabilization Mat (Mirafi HP570) Only As Directed by the Owner's Representative)		
101	500	l.f.	6" Underdrain (As Directed by the Owner's Representative)		
102	1	each	Remove\Reset Mailbox		
103	1	allowance	Asbestos Abatement of Existing Residences to be Demolished	\$30,000.00	\$30,000.00
Total Base Bid Cost					

ALTERNATE NO. 1

Install Ductile Iron Sanitary Sewer Pipe In Lieu of PVC Sewer Pipe (unit cost shall be listed as additive or deductive difference to respective unit cost in base bid above)

A1	120	l.f.	4" D.I. CL 52 Sanitary Sewer Lateral (includes any req'd end caps)		
A2	868	l.f.	8" D.I. CL 52 Sanitary Sewer Main		
A3	333	l.f.	10" D.I. CL 52 Sanitary Sewer Main		
Subtotal Alternate No. 1 Cost					
Total Base Bid Cost + Alternate No. 1					