



ADDENDUM #1

Date: November 27, 2018

US 258 Right Turn Lane Improvements at Joseph W. Luter Jr. Sports Complex UPC 110507, IFB #18-05 – Response to Questions during Bid Phase

Below are responses to questions received during the bid phase of the above referenced project. Contractor's shall confirm receipt of Addendum #1 in Section B of the Bid Form and include in bid package submittal.

1. Sheet 3A notes "select material backfill" required for storm and sanitary sewer pipe. Is any of the trench excavation considered "select material" or is all trench backfill to be imported?

Response: Once the trench has been excavated, the Contractor shall determine the suitability of the existing soils for use as backfill underneath the existing roadway pavement. As noted on Plan Sheet 3A, any imported material required for backfill shall be paid for as incidental to the cost of the pipe. Contractor to reference the geotech report, Section 4.4, for additional information on suitability of on-site material for backfill.

2. Is post installation inspection (video) required of contractor for storm pipe, sanitary pipe

Response: Post installation inspection of the storm pipe will be required. Inspection shall be performed in accordance with Section 302 of the VDOT Road and Bridge Specifications and shall be paid for as incidental to the pipe, as noted in Section 302 of the VDOT Road and Bridge Specifications. Gravity sanitary sewer pipe, laterals, cleanouts and manholes shall be tested and inspected in accordance with Section 802 of the HRPDC Specifications, 2.4 Testing and Inspection. All costs for gravity sewer testing and inspection shall be paid as incidental to the cost of the pipe or manhole.

3. Contractor's Q/A testing parameters?

Response: Contractor shall perform QC testing in accordance with guidelines outlined in the VDOT Road and Bridge Specifications as well as the VDOT Locally Administered Projects Manual, Appendix 13.2-G Materials Testing Methods and Frequencies. As noted above in the response to question #2, additional testing will be required for the sanitary sewer installation in accordance with Section 802 of the HRPDC specifications.

4. Schedule of Items "No Quantity Noted" : Item #29 18" RCP, Item #60 Topsoil Type 'A', Item #61 Topsoil Type 'B'

Response: Please see the revised Schedule of Items showing the following quantities:

- 18" RCP – 137 LF
- Topsoil Type 'A' – 0.25 AC
- Topsoil Type 'B' – 0.25 AC

5. Please clarify 8" Ductile Iron sewer pipe. Smithfield spec is Class 51 cement lined pipe but typically P401 lined pipe is used for sewer by most areas.

Response: 8" Ductile Iron pipe shall be Class 52 Ductile Iron with cement mortar lining.

The Contractor should consider the following revision to the Title Sheet of the design drawings. "HRPDC DETAILS ONLY PERTAIN TO SEWER INSTALLATION" shall be replaced with "SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH CURRENT HRPDC STANDARD DETAILS AND SPECIFICATIONS, UNLESS OTHERWISE AMENDED BY THE TOWN OF SMITHFIELD."

Finally, Contractor should note that the current Town of Smithfield design standards have been recently updated and the Contractor should reference the 2017 version of the design standards.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Andrew P. Farthing, P.E.
Project Manager

The Town of Smithfield
 US 258 Right Turn Lane Improvements at Joseph
 W. Luter Jr. Sports Complex
 VDOT Project No: 0258-300-199, P101, C501 (UPC 110507)
 Federal Project No.: PE-STP-5300(104), CN-STP-5300(106)

NO.	VDOT ITEM CODE	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	00100	Mobilization	LS	1		
2	00101	Construction Surveying	LS	1		
3	00110	Clearing and Grubbing	LS	1		
4	00120	Regular Excavation	CY	950		
5	00140	Borrow Excavation	CY	400		
PAVEMENT						
6	10635	Asphalt Concrete Type SM-9.5A	TON	290		
7	10610	Asphalt Concrete Type IM-19.0D	TON	120		
8	10642	Asphalt Concrete Base Course Type BM-25.0A	TON	190		
9	10128	Aggregate Base Material, Type 1 No. 21A or 21B	TON	450		
10	11070	NS Saw-cut Asph Conc (Full Depth)	LF	650		
11	10628	Flexible Pave. Planing 0"-2"	SY	2437		
12	00154	NS Fiberglass GeoGrid	SY	2437		
INCIDENTALS						
13	13220	Hydraulic Cement Concrete Sidewalk 4"	SY	530		
14	12600	Comb. Curb and Gutter, CG-6	LF	505		
15	12610	Radial Comb. Curb and Gutter, CG-6	LF	50		
16	12020	Curb, CG-2	LF	20		
17	12022	Radial Curb, CG-2	LF	42		
18	13222	Hydraulic Cement Concrete Sidewalk 7" (CG-12)	SY	7		
19	13108	CG-12 Detectable Warning Surface	SY	2		
20	22643	Temporary Fence	LF	667		
21	22643	VDOT Std Fence, FE-CL	LF	667		
22	13212	RW Monument RM-2	EA	9		
DEMOLITION						
23	24430	Demolition of Pavement, Flexible	SY	215		
24	24602	Remove Exist. Fence	LF	675		
25	50600	Relocate Exist Sign	EA	3		
26	50600	Remove Exist. Mailbox	EA	1		
27	00529	Flowable Backfill	CY	4		
DRAINAGE						
28	01156	Concrete Pipe 15"	LF	60		
29	01186	Concrete Pipe 18"	LF	137		
30	01246	Concrete Pipe 24"	LF	95		
31	7506	Drop Inlet DI-5	EA	2		
32	6815	Drop Inlet DI-3A	EA	2		
33	14506	Drop Inlet Top DI-2B, L=12'	EA	1		
34	06150	End Section, ES-1, 15"	EA	1		
35	06240	End Section, ES-1, 24"	EA	1		
36	09056	Manhole, MH-1 or 2	LF	12		
37	09057	Frame and Cover, MH-1	EA	2		
38	24825	Modify Exist. Drainage Structure	EA	1		
39	09148	Erosion Control Stone, Class A1 EC-1	TONS	3		

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NO.	VDOT ITEM CODE	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
UTILITY IMPROVEMENTS						
40	42080	8" Sanitary Sewer Pipe,Ductile Iron	LF	1099		
41	09056	Sanitary Manhole (MH-1)	VF	57		
42	09057	Sanitary Manhole Frame and Cover	EA	6		
43	42064	6" Sanitary Sewer Lateral, SDR26	LF	470		
44	42840	Sanitary Sewer Cleanout	EA	7		
45	41104	Adjust Water Valve to Grade	EA	3		
46	24825	Mod. Exist San Sewer Manhole	EA	1		
PAVEMENT STRIPING/MARKING/SIGNING						
47	54048	Type B Class I Pmnt Line Marking 24"	LF	60		
48	54034	Type B Class I Pmnt Line Marking 6"	LF	1010		
49	54032	Type B Class I Pmnt Line Marking 4"	LF	1800		
50	54574	Pvmt Syb Mrkg Sgl Tum Arrow Ty B, CL 1	EA	6		
51	50108	Sign Panel	SF	16		
52	50434	Sign Post, STP-1, 2.5"	LF	12		
53	50485	Concrete Foundation STP-1	EA	1		
54	54101	Non Standard Pavement Marking Raised Pavement Markers	EA	16		
EROSION AND SEDIMENT CONTROL						
55	27451	Inlet Protection, Type A	EA	3		
56	27461	Inlet Protection, Type B	EA	3		
57	27505	Temporary Silt Fence, Ty. A	LF	1500		
58	27410	Check Dam, Type 1	EA	2		
59	27318	Rolled Erosion Control Product, EC-2 Type 1	SY	720		
60	27022	Topsoil, Class A, 2"	ACRE	0.25		
61	27022	Topsoil, Class B, 2"	ACRE	0.25		
62	27102	Regular Seed	LB	150		
63	27103	Overseeding	LB	50		
64	27230	Fertilizer (Nitrogren-N)	LB	50		
65	27231	Fertilizer (Phosphorous-P)	LB	60		
66	27232	Fertilizer (Potassium-K)	LB	50		
67	27101	Temporary Seed	LB	100		
68	27440	Mowing	HR	20		
69	27250	Lime	TON	3		
TEMPORARY TRAFFIC CONTROL						
70	24282	Flagger Service	HR	800		
71	24160	Temporary (Construction) Sign	SF	80		
72	24272	Truck Mounted Attenuator	HR	320		
73	24278	Group 2 Channelizing Devices	DAY	10800		
74	54512	Type D, Class II Temp. Pvmt Mrkg 4"	LF	1400		
					TOTAL BID	