

City of Lynchburg  
Procurement Division  
900 Church Street  
Lynchburg, Virginia 24504  
Telephone No.: (434) 455-3970  
Fax No.: (434) 845-0711

**Addendum for Bid**  
**Burton Creek Interceptor**  
**2017-008**

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Date: July 29, 2016  
From: Stephanie Suter, CPPO, CPPB  
RE: Addendum No. 2

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This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing bids and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and any previously issued Addenda on the Bid Form.

1. The following are attached and included in Addendum No. 2:
  - Bidding Addendum 2 from Wiley|Wilson;
  - Revised bid form adjusting the quantity for line item 12.

**READ TERMS AND CONDITIONS AND SIGN**

In compliance with the above BID, and subject to all the conditions hereof, the undersigned offers and agrees to comply with any or all of the terms and conditions contained herein, or as mutually agreed upon by subsequent negotiations. This form shall become part of the final file.

*Company Name:* \_\_\_\_\_ *Address:* \_\_\_\_\_ *Date:* \_\_\_\_\_

*Authorized Signature:* \_\_\_\_\_ *Title:* \_\_\_\_\_

*Print Name:* \_\_\_\_\_ *Telephone No.:* \_\_\_\_\_ *Fax No.:* \_\_\_\_\_

## **Bidding Addendum**

**Addendum No. 2** for City of Lynchburg, Burton Creek Interceptor, City Project No. 15030-S: Commission No. 214042.00, dated July 29, 2016.

To: All Bidding Document Holders of Record

From: Wiley|Wilson  
Lynchburg, Virginia

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*This Addendum contains 4 pages and listed attachments and forms as part of the bidding documents and modifies the Project Manual and Drawings dated April 13, 2016, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.*

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### **Questions and Clarifications**

1. Are there any additional soil borings for this project?

Response: All soil boring data has been provided in the bid package. No additional information is available.

2. What are the wage rates for this project?

Response: Davis-Bacon Wage rates are not required on this project.

3. Is there any information available on the 18" pipe to be lined on the Burton Creek Project?

Response: The chart below provides run lengths and manhole depths. The flow rates on this section of line will be variable depending on what phase of construction that the lining operations take place. For planning purposes the contractor shall use flow rates provided in addendum #1 for installations that occur prior to turning the base flow into the new interceptor. For installation that occur after flow has been redirected into the new interceptor base the flow rate on the number of local connections.

Manhole To	Depth To Invert	Manhole From	Depth To Invert	Pipe Length
12A	8.99'	EX 233	Unknown	372'
Ex233	Unknown	EX 234	13.86'	98'
EX 234	13.86'	EX 235	9.96'	210'
EX 235	9.96'	EX 236	8.17'	39'
EX 236	8.17'	EX 237	8.27'	259'
EX 237	8.27'	EX 238	5.58'	580'
EX 238	5.58'	EX 239	7.5'	262'
EX 239	7.5'	EX 240	10.15	175'

4. Since this line is close to or in wetland areas will fusible HDPE be required?

Response: The contractor will have to adhere to all ACOE requirements as documented in addendum #1 when operating within wetland limits.

5. Regarding the 30" and 24" pipe, please explain why the two specified options are so drastically different in properties, performance and cost?

Response: Careful consideration was taken to align various project goals with acceptable pipe materials. The selected materials provided the best fit.

6. Specifications call for trees to be cut to 24" lengths and stacked onsite. Does this apply to large diameter trees removed that could be harvested for timber and are too large for fire wood?

Response: No fire wood or timber will remain on site. All trees are to be removed. Brush may be chipped.

7. Are 60" to 48" transitions allowed on manholes?

Response: No, manhole size shall be consistent.

8. Are safety slabs required?

Response: Safety slabs are not required.

9. Can you provide a better bedding detail for C905 pipe?

Response: Bedding stone for C905 pipe shall extend from 6" below the pipe to 6" above the crown of the pipe vertically and 12" on either side of the pipe.

10. Can the bid date be delayed?

Response: The Bid date has been extended to August 9th, 2016 at 3:00 PM. The last day for questions and been extended to August 2nd, 2016 at 2:00 PM.

11. Can rock excavation be split into two categories – Excavation by Blasting and Excavation by Hoe Ramming?

Response: The rock excavation will remain a single line item.

12. How will line item number 12 (Foundation stone - pipes) be used and for what? Line items 4-11 states that the bedding stone is included in them.

Response: Line item number 12 will be used for undercut stone quantities.

13. Line item number 16 (Trench Select Borrow Backfill), what material is this?

Response: This line item is soil that conforms to the City's trenching backfill specification. This item will be used only for material that is imported to the site. Contractor must have City agreement for the use of select borrow backfill prior to backfilling to be eligible for payment.

14. In concern of the outside drop manhole details on C-302; do these occur at every manhole and if not how often do they occur?

Response: Drop manhole locations have been provided on the plans. The profile identifies drop invert elevations.

15. When performing the take-offs for the Burton Creek Interceptor, we noticed the vertical scale for the full size drawings was off.

Response: The provided scale is incorrect, however the elevations are correct and the vertical grid represents one foot. A revised plans set will be provided on the City website.

16. Would the City allow a steel liner plate tunnel in lieu of the steel casing at the jack and bore locations?

Response: The City would be agreeable to liner plate construction, however be aware that a change in methodologies may increase the railroad review time. The contractor will be responsible for additional railroad review time and associated costs. No additional costs beyond items 40 & 46 will be provided for changes in methodology.

17. What are the abandonment requirements for the existing pipe and manholes that are not part of an aerial crossing?

Response: Abandonment of non-aerial crossings shall be performed in accordance with the City of Lynchburg standard specifications.

18. Is there any additional subsurface information available outside of what is included in the Project Manual?

Response: No additional information is available.

19. Is there information available concerning the condition of the existing sewer lines (CCTV Video of the lines, pipe inspection reports etc.)? If hard rock is encountered during the installation of the proposed sewer lines the condition of the existing sewer lines may determine if blasting is a viable option while the existing lines are still in service.

Response: No CCTV information is available for the existing sewer line segments that are to be replaced. The existing sewer line was installed in the 1960's and 1970's and was primarily comprised of concrete pipe with cast iron through the aerial sections. The contractor will be responsible for maintain existing sewer flow during blasting operations.

**Bid Form**

Remove in entirety and replace with revised Bid Form.

**ATTACHMENTS**

- Bid Form (revised)
- Revised Plans (See City Website)

End of Addendum No. 2

Wiley|Wilson



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G. Keith Thompson Jr, P.E.  
Project Manager



PROJECT NO.: 15030-S

PROJECT NAME: BURTON CREEK INTERCEPTOR

DATE: 7/29/2016

CALCULATIONS BY: LDB CHECKED BY: GKT

Revised

TOTAL COST

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ITEM NO.	SUMMARY OF ITEMS				UNIT COST	TOTAL COST
	DESCRIPTION	UNIT	QUANTITY			
1	Construction stakeout - sewer	L.S.	1.0			
2	Mobilization (project total 5% max)	L.S.	1.0			
3	Railroad Insurance (project total)	L.S.	1.0	\$20,000.00	\$20,000.00	
4	30" DIP sanitary sewer (w/ Protecto 401)	L.F.	1,484.0			
5	30" sanitary sewer C905 PVC or Polypropylene (Circle Selected Alternative)	L.F.	6,211.0			
6	24" DIP sanitary sewer(w/ Protecto 401)	L.F.	786.0			
7	24" sanitary sewer SDR 26 PVC or polypropylene (Circle Selected Alternative)	L.F.	3,680.0			
8	18" PVC sanitary sewer	L.F.	33.0			
9	12" PVC sanitary sewer	L.F.	50.0			
10	10" PVC sanitary sewer	L.F.	31.0			
11	8" PVC sanitary sewer	L.F.	58.0			
12	Foundation Stone - pipes	TON	500.0			
13	Common Excavation	C.Y.	546.0			
14	Extra depth excavation ( Depth > 8 ft.)	C.Y.	7,570.0			
15	Trench Rock	C.Y.	5,900.0			
16	Trench (Select) Borrow Backfill	C.Y.	5,900.0			
17	Concrete Manhole (Sewer) 48" diameter	V.F.	33.5			
18	Concrete Manhole (Sewer) 60" diameter	V.F.	553.5			
19	Concrete Manhole (Sewer) 72" diameter	V.F.	39.0			
20	Concrete Riser Ring	V.F.	32.0			
21	8" Internal drop	V.F.	28.8			
22	6" Internal drop	V.F.	9.4			
23	Vent	EA.	12.0			
24	Fernco Fitting (4" - 6")	EA.	20.0			
25	Fernco Fitting (8"-12")	EA.	16.0			
26	Fernco Fitting (18" - 30")	EA.	4.0			
27	Building connection service pipe (6" PVC SCH 40)	L.F.	180.0			
28	Cleanout Assembly (6" SCH 40)	EA.	18.0			
29	Cleanout Vertical Pipe (4" SCH 40)	L.F.	118.1			
30	Abandon Existing Manhole	EA.	40.0			
31	Clearing & Grubbing, Heavily Wooded Areas	LS	1.00			
32	Manhole frame & cover, Watertight (water, sewer, & storm)	EA.	63			
33	Seeding & Fine Grading, (> 500 S.Y.)	LS	1.0			
34	Silt Fence Barrier	L.F.	12,160.0			
35	Construction Entrance	TON	765.0			
36	Concrete Encasement	C.Y.	155.0			
37	Flowable Fill in (complete in place) to abandon existing	C.Y.	560			
38	18" CIPP liner	L.F.	2000			
39	Reinstate laterals in lined section (4" and 6")	EA.	18			
40	Installing 42" Casing Pipe by Jacking or Boring (Dirt)	L.F.	354.0			
41	Class I Riprap	TON	133.3			
42	Class II Riprap	TON	826.9			
43	Remove Aerial Sanitary Pipe Creek Crossings	EA.	2.0			
44	Stream Stabilization	SY	1,795.0			
45	Clear boulder or obstruction in bore	HR.	120.0			
46	Installing 42" Casing Pipe by Jacking or Boring (Rock)	L.F.	600.0			
<b>*****TOTAL - SEWER*****</b>						