

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

**Addendum for Invitation for Bids
Federal Street Infrastructure Improvements
15-954**

Date: 12/19/2014
From: Lisa Moss, Buyer VCA
RE: Addendum No. 3

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

1. What classification are Federal Street and Hollins Mill Road for patching purposes? (Residential/Collector/Arterial)? Is any asphalt work on side streets to be considered a residential patch?

For patching purposes, all streets may be classified as Collector.

2. Please clarify if the contractor is to replace each meter box and setter, or just connect to existing meter?

The Contractor shall replace meter boxes and setters and transfer meter once services are tested and approved. Take care not to damage radio read. City meter operations will inspect all transferred meters once complete, prior to acceptance.

3. Referencing plan sheet G002, Water & Sewer note #3, please confirm that all 8" and 6" water pipe is to be restrained joint pipe.

For Note #3, delete "Provide restrained joint pipe and/or". All 8" and 6" water main (used for side street connections) will be restrained with Megalugs between main line tee and stub.

4. Are standard valve boxes to be used for 16" gate valves, or is the contractor to use manholes for the 16" valves?

Gate valves shall be operated from standard valve boxes.

5. Does the City have the depths of the manholes that are to be rehabilitated?

Response covered in Question 12.

6. City Standards Section 01200, 1.3.F (valves), J (hydrants), and N (fittings) states that these pay items shall include megalugs; however, there is a pay item for megalugs (pay item #34). Question: Should the pay items for Valves, Hydrants, and Fittings include megalugs or will megalugs be paid for separately under Pay Item #34?

For clarification, pay item #34 is for Megalugs used at fittings and pipe. Megalugs used with hydrants and valves are paid with the hydrant and valve.

7. Plan Sheet C101, Note 2 says a line stop should be installed on an existing 6" water line in order to make a connection. Question: Can a separate pay item for the line stop be added? Can the contractor use an insertable gate valve in lieu of the specified line stop?

For this location on C101, replace line stop with insertable valve. The location of the insertable valve shall be at the intersection of Jackson and Hollins. A bid form line item (#47) will be established for this valve.

8. Many of the fire hydrant locations are shown to be installed on the proposed water line in locations exceeding 4 foot bury depths. Question: Are we to assume that the fire hydrant leg should maintain the same depth of cover as the proposed waterline at the hydrant leg connection; or, are we to assume the fire hydrant leg can be brought to the standard 4 foot bury depth by the use of vertical offset fittings installed on the hydrant leg?

Fire hydrants should be brought to 4foot burial depth by use of vertical offset fittings.

9. Plan Sheet C102 shows a connection to an existing 4" water line at Garland Street and there is no pay item for 4" water main that is required for this connection. Question: Can a pay item for 4" Water Main be added to the bid form?

Because of the extremely low quantity, no line item for 4" water main will be added. 4" water main will be priced with line #17 (6" water main).

10. Plan Sheet C105, Note 2 states to coordinate with the gas utility provider to have the existing gas main relocated. Question: Who will be responsible for paying any costs assessed by the gas utility provider for the relocation work?

Cost burden for utility line relocation in City right-of-way is with the utility. Relocation shall be limited to occurrences where we cannot work around.

11. Plan Sheet C105, the profile labeled 4th Street does not match the item descriptions shown on Plan Sheet C104 and it appears to be a copy of the profile labeled 3rd Street. Question: Can the profile for the 4th Street connection be updated in order to accurately reflect the plan view on Sheet C104?

A revised Sheet C105 showing the corrected profile for 4th Street is attached.

12. Plans Sheets C102 & C104. Question: What are manhole numbers for the existing sanitary sewer manholes shown to be rehabilitated? We would like to match them up with the manhole data shown on Sheet C105 in order to ascertain their depths.

**Manhole S-17 is shown on C102. Elevation data is shown on C105.
Manhole SD-28 is shown on C104. Elevation data is shown on C105.
Manhole S-4 is shown on C101 and is a bench repair.**

13. Plan Sheet C504, Details for "Replacement Sanitary Sewer Lateral" and "Sanitary Sewer Pipe Replacement with Protruding Lateral Repair" both state that the bid item costs shall include costs for returning the roadway to pre-construction conditions, or paving. Question: Since there is a bid item for trench patching should these lateral items include costs for paving?

Trench patching at laterals will be covered under Bid Form item #5.

14. City Standards Section 01200, 1.1 .F states that bedding stone will be paid for by the ton. Details 26.01 and 27.01 require the use of bedding stone. Question: Can a bid item be added for the payment of bedding stone?

Bedding stone for the 16" water main will be paid by square yard at 4-inch thickness. This will be added to the bid tab form as Item #48. Stone used for sewers shall be incorporated into other items bid.

15. City Standard Section 01200, 1.3.1 states that the wet tap price should include the valve. It appears that the quantity of Bid Item 20 (8" Gate Valve) includes 2 tapping valves that should be included in Bid Item 24 (10" x 8" Wet Tap). Question: Will the tapping valves be paid for under Bid Item 20 or 24?

Tapping valves will be paid for under Bid Item #24. No change was made to the quantity of valves in Bid Item #20.

16. City Standard Section 01200, 1.3.P states that Tie Rods will be paid for by the pound. There is no pay item given on the bid form for Tie Rods. Question: Can a bid item be added for Tie Rods?

Tie rods will be added to the bid form as Bid Item #49.

17. City Standard Section 01200, 1.3.W & X is for Water Service Copper Pipe (Open Cut) or (Bored). Question: Are service lines to be open cut or bored under Bid Item 26? If both methods may be required can a bid item for "bored" and one for "open cut" be offered?

The Contractor has the option to open cut water services or bore water services. This will be a means and methods decision for the Contractor. No change to the bid form will be made.

18. Can a Bid Item for Select Backfill be added to the Bid Form in case unsuitable backfill material is encountered?

Select backfill in areas where rock is removed shall be included in Bid Item #46.

19. City Standard Section 02660, 2.2.1.A. & B Question: Will 16" Gate Valves under this contract require horizontal operators? Will 16" Gate Valves under this contract require by-passes?

Gate valves will not require horizontal operators. However these may be used where cover is minimal.

The 16" gate valves will require 2-inch bypass. The 2" bypass valve shall have separate valve box. Payment for bypass pipe, valve, and box shall be included in Bid Item #18.

20. Question: How often will trench patching be required?

Trench patch should be installed when the water main is successfully tested. The City requires testing every 2000 lf of pipe installed. Based on the project length, the pipe can be tested and placed into service in two segments. The 16" valve at station 16+79 provides the logical division point to test against. This allows Hollins Mill to be reopened once water main is tested and pavement patch is completed.

21. Question: Can the quantities for Bid Item #s 4, 5, and 6 be checked? They appear to be excessive given the payment widths defined in Section 01200 of the City Standards.

The quantity for Bid Item #4, 5, and 6 will be adjusted to 2600 sy.

22. Plan Sheet C504 Detail "Replacement Sanitary Sewer Lateral". Question #1: Should the sanitary sewer lateral replacements paid for under Bid Item # 14 include a new saddle connection at the existing main? Question #2: What type of pipe should be used for Bid Item#14? (See Detail Note 3, reference "Water & Sewer Crossing Detail" on Plan Sheet C503). Question #3: Since Bid Item #14 is per each, how much pipe footage should be included under Bid Item #14?

- 1) **Bid Item #14 includes a new saddle connection at the existing main.**
- 2) **Sanitary sewer lateral shall be PVC.**
- 3) **20 lf per sewer lateral.**

23. City Standard Detail 27.18A shows 3 different Type J trench patch conditions. The plans do not specify which condition would apply to this project. Please clarify which patch type will be required? Also, since there is not a separate pay item for the surface overlay shown, are we to assume that the city will be following construction with a separate contract for this work? And if so, how long after completion of this contract would the surface overlay be installed?

We have assumed that the question is referencing City Standard Detail 25.18A. Condition shall be Collector (as per Question #1).

The City Public Works Department has had Federal Street on its paving schedule for two years. The City will follow this work with a paving project late in the 2015 calendar year.

Company Name: _____ Address: _____ Date: _____

Authorized Signature: _____ Title: _____

Print Name: _____ Telephone No.: _____

Fax No.: _____

**City of Lynchburg
Federal Street Infrastructure Improvements
City Project No. 10039-WS
ADDENDUM #3**

| Item # | Item Name | Quantity | Unit | Unit Cost | Total Cost |
|--------|--|----------|------|-----------|------------|
| 1 | Mobilization | 1 | LS | | \$0.00 |
| 2 | Construction Stake-Out | 1 | LS | | \$0.00 |
| 3 | Traffic Control | 1 | LS | | \$0.00 |
| 4 | Pavement Cut and Removal, Asphalt Concrete | 2,600 | SY | | \$0.00 |
| 5 | Type J Trench Patch | 2,600 | SY | | \$0.00 |
| 6 | Maintenance Stone for Trench Patch | 2,600 | SY | | \$0.00 |
| 7 | Extra Depth Excavation (All Pipes) | 900 | CY | | \$0.00 |
| 8 | Sewer Pipe - 12-Inch DI Sanitary Sewer Pipe | 338 | LF | | \$0.00 |
| 9 | Sewer Pipe - 10-Inch DI Sanitary Sewer Pipe | 23 | LF | | \$0.00 |
| 10 | Sewer Pipe - 8-Inch DI Sanitary Sewer Pipe | 28 | LF | | \$0.00 |
| 11 | Sewer Pipe - 6-Inch DI Sanitary Sewer Pipe | 18 | LF | | \$0.00 |
| 12 | Fernco Flexible Coupling | 15 | EA | | \$0.00 |
| 13 | Protruding Lateral Repair | 2 | EA | | \$0.00 |
| 14 | Replacement Sanitary Sewer Lateral | 20 | EA | | \$0.00 |
| 15 | Water Pipe - 16 Inch Ductile Iron Water Main | 2,863 | LF | | \$0.00 |
| 16 | Water Pipe - 8 Inch Ductile Iron Water Main | 596 | LF | | \$0.00 |
| 17 | Water Pipe - 6 Inch Ductile Iron Water Main | 209 | LF | | \$0.00 |
| 18 | 16" Gate Valve | 5 | EA | | \$0.00 |
| 19 | 10" Insertable Gate Valve (May Not be Required) | 1 | EA | | \$0.00 |
| 20 | 8" Gate Valve | 15 | EA | | \$0.00 |
| 21 | 6" Gate Valve | 10 | EA | | \$0.00 |
| 22 | 4" Gate Valve | 1 | EA | | \$0.00 |
| 23 | 2" Air and Vacuum Release Valve | 2 | EA | | \$0.00 |
| 24 | 10" x 8" Wet Tap | 2 | EA | | \$0.00 |
| 25 | Meter Box | 53 | EA | | \$0.00 |
| 26 | Water Service, 3/4" copper | 1,188 | LF | | \$0.00 |
| 27 | Water Service, 2" copper | 35 | LF | | \$0.00 |
| 28 | Water Service, 1" Corp. Stop | 1 | EA | | \$0.00 |
| 29 | Water Service, 1.25" Corp. Stop | 1 | EA | | \$0.00 |
| 30 | Water Service, 2" Corp. Stop | 3 | EA | | \$0.00 |
| 31 | Fire Hydrant | 8 | EA | | \$0.00 |
| 32 | Fire Hydrant Pad | 8 | EA | | \$0.00 |
| 33 | Fittings and Accessories | 15,395 | LB | | \$0.00 |
| 34 | Megalugs | 3,060 | LB | | \$0.00 |
| 35 | Manhole (& frame and cover) for Air Release Valve | 2 | EA | | \$0.00 |
| 36 | Manhole Rehabilitation | 3 | EA | | \$0.00 |
| 37 | Grading and Seeding | 53 | SY | | \$0.00 |
| 38 | Erosion and Sediment Control | 1 | LS | | \$0.00 |
| 39 | Water Line Abandonment, Cut and Cap - 2" and Smaller | 5 | EA | | \$0.00 |
| 40 | Water Line Abandonment, Cut and Cap - 4" and Larger | 6 | EA | | \$0.00 |
| 41 | Concrete Anchors (Unreinforced concrete) | 71.07 | CY | | \$0.00 |
| 42 | Thrust Collars (Reinforced concrete) | 24.80 | CY | | \$0.00 |
| 43 | Sidewalk | 5 | SY | | \$0.00 |
| 44 | Curb and Gutter | 250 | LF | | \$0.00 |
| 45 | Project Signs | 300 | SF | | \$0.00 |
| 46 | Rock Removal | 300 | CY | | \$0.00 |
| 47 | Insertion Valve, 6" Diameter | 1 | EA | | \$0.00 |
| 48 | Bedding Stone for 16" Water Main (4" Thickness) | 1273 | SY | | \$0.00 |
| 49 | Tie Rods | 500 | LB | | \$0.00 |

TOTAL