



CITY OF WILLIAMSBURG

Public Works & Utilities Department

CITY OF WILLIAMSBURG INVITATION FOR BIDS (IFB)

01-4101-14

PRINCE GEORGE STREET & ARMISTEAD AVENUE RECONSTRUCTION AND CITY WIDE SIDEWALK IMPROVEMENTS VDOT Project No. U000-137-R44, P101, M501

ADDENDUM NUMBER 2

DATE: August 15, 2013

This addendum is forwarded to provide revisions to the IFB and clarify issues in the bid documents. Please call Mr. Aaron Small, at (757) 220-6140 if you have a question regarding this Addendum.

BID DOCUMENT

1. **Replace** the description of Area 4 denoted on page number BID-1 that says:

“Area 4 The southwest side of Prince George Street from 35 ft southeast to 20 ft northwest of Armistead Avenue (UPC 102778)

Armistead Avenue from 15 ft south of Scotland Street to 30 ft south of Prince George Street (UPC 102777)

Prince George Street from 20 ft southeast of Armistead Avenue to 20 ft east of North Boundary Street (UPC 102777).”

with the following:

“Area 4 Prince George Street from Armistead Avenue to North Boundary Street (UPC 102777). This area is shown on sheet C4.0.

Armistead Avenue from Scotland Street to Prince George Street (UPC 102777). This area is shown on the lower view of drawing sheet C4.1.

The northeast side of Prince George Street adjacent to and from the entrance to the ‘Triangle Building’ to Armistead Avenue (UPC 102777). This area is shown on the upper view of drawing sheet C4.1.

The southwest side of Prince George Street from Scotland Street to the intersection of Armistead Avenue (UPC 102778). This area is shown in the upper view of drawing sheet C4.1 and the upper view of drawing sheet C4.2.”

2. **Replace** the description of bid item 22 on page number BID-4 that says: ‘Flexible Pave. Planing Above 2”-4”’ with ‘Flexible Pave. Planing Above 2”’
3. **Remove** bid item 63 on page number BID-6 with description “Wiring (by DVP)” in its entirety.

DRAWINGS

4. **Replace** steps 4 through 10 of the Sequence of Construction on sheet C3.0 that reads:
 - “4. Contractor shall close off Armistead Avenue and Prince George Street in areas of construction and institute traffic rerouting plan.
 5. Install and test gravity sewer and water mains.
 6. Perform demolition as shown.
 7. Convert existing drop inlet to manhole at intersection of Prince George and Armistead.
 8. Install base stone and pavement for roadways.
 9. Install sidewalks and remaining items as shown in plans.
 10. Establish vegetative cover in denuded areas.”

with the following:

- “4. Install storm sewer pipe and structures along Scotland Street and edge of Armistead Avenue. Two-way traffic shall be maintained with temporary lane closures allowed as approved by the City.
5. Close Prince George Street in areas of construction and institute traffic rerouting plan. Armistead Avenue shall remain open to traffic.
6. Perform demolition on Prince George Street as shown.
7. Install and test sanitary sewer and water lines on Prince George Street. Install conduits and street light pole bases. Two-way traffic on North Boundary Street and Armistead Avenue shall be maintained with temporary lane closures allowed as approved by the City.
8. Perform deep mill of Prince George Street, place stone base, and regrade roadway.
9. Install curb and gutter, entrances, tree wells, and mud slab for brick sidewalks.

10. Install base asphalt for roadway, install signs, and reopen to traffic.
 11. Install brick pavers on south side of Prince George Street and on north side from the entrance to 501 Prince George Street to North Boundary Street and reopen sidewalks to pedestrian traffic. Unfinished sidewalk on north side from Armistead Avenue to 501 Prince George Street shall remain closed. This step shall be complete prior to December 15, 2013.
 12. Alternate lane closure of Armistead Avenue in areas of construction or, if approved by the City, close Armistead Avenue and institute traffic rerouting plan. Prince George Street shall remain open to traffic.
 13. Perform demolition along Armistead Avenue as shown.
 14. Install and test sanitary sewer and water lines on Armistead Avenue. One-lane of traffic on Scotland Street and Prince George Street shall be maintained. Install conduits and street light pole bases.
 15. Perform deep mill of roadway and regrade roadway.
 16. Install curb and gutter, entrances, and mud slab for brick sidewalks.
 17. Install base asphalt for roadway, install signs, and reopen to traffic.
 18. Install brick walls and brick paver sidewalks on Armistead Avenue and on Prince George Street west of Armistead Avenue adjacent to Triangle Building.
 19. Install surface (brown stone) asphalt. Two-way traffic shall be maintained with temporary lane closures allowed as approved by the City.
 20. After February 15, 2014, install remaining brick sidewalk on Prince George Street. Install streetlights, pavement markings, landscaping, and complete this area of the project.
 21. Establish final vegetative cover over remaining denuded areas. Remove erosion and sediment control measures upon approval by the City.”
5. **Replace** the boxed labels (denoting a pay item) on sheets C4.2 to C4.13, inclusive, that read: “XX LF OF TREE PROTECTION” (where “XX” denotes the quantity) with unboxed labels.
 6. **Delete** the boxed labels on sheet C3.0 that read: “580 LF SAW CUT” and “424 LF SAW CUT.”

7. **Replace** the boxed labels (denoting a pay item) on sheet C3.0 that read: “REMOVE CLEANOUT”, “NS REMOVE CLEANOUT”, and “1-CONSTRUCTION ENTRANCE VDOT #1 COURSE AGGREGATE” with a unboxed labels.
8. **Add** a boxed label (denoting a pay item) on sheet C3.0 with leaders to the 3 existing water meter boxes in front of 513 Prince George Street that reads: “3-REMOVE EXIST. WATER METER BOX.”
9. **Replace** the boxed label on the upper view of sheet C4.0 that reads “252 LF NS SEWER PIPE (8” CURED-IN-PLACE PIPE LINING)” with a boxed label (denoting a pay item) that reads “252 LF NS SEWER PIPE (12” CURED-IN-PLACE PIPE LINING).”
10. **Replace** the boxed label on the lower view of sheet C4.0 that reads “218 LF NS SEWER PIPE (8” CURED-IN-PLACE PIPE LINING)” with a boxed label (denoting a pay item) that reads “218 LF NS SEWER PIPE (12” CURED-IN-PLACE PIPE LINING).”
11. **Replace** the unboxed label on the lower view of sheet C4.1 that reads “22 LF 4” DIP” with a boxed label (denoting a pay item) that reads “22 LF 6” DI WATER MAIN.”
12. **Append** the following note to Sheet C5.3 Traffic Control General Notes:

“L. Only the block of Prince George Street between North Boundary Street and Armistead Avenue and, upon approval by the City, the block of Armistead Avenue from Scotland Street to Prince George Street are permitted to be closed to traffic during construction. These blocks shall not be closed simultaneously. Closure duration shall be limited to the minimum necessary, especially on Armistead Avenue, subject to review and approval by the City. Refer to Sequence of Construction on sheet C3.0. Local traffic from existing driveways from residential property and the College of William and Mary property and pedestrian traffic to/from existing businesses with frontage along these streets must be maintained during the street closures.”

This Addendum is a part of the Invitation for Bids (IFB) and Contract Documents.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

END OF ADDENDUM

CLARIFICATIONS

1. Bid documents are available for download from Purchasing on the City of Williamsburg website at <http://www.williamsburgva.gov>. Printed versions are also available at the City offices as under the terms mentioned in the advertisement. Bidders are requested to contact the Department of Public Works at 757-220-6140 to be registered as a plan holder should the plans be downloaded from the City website.
2. A non-mandatory pre-bid conference was held on July 31, 2013 at 2:00 pm. A copy of the attendance list is attached.
3. This addendum is intended to address questions and comments submitted by perspective bidders and those discussed at the pre-bid conference. Questions and answers are as follows:

- a. We have a concern about the construction dates for the Armistead Avenue block about pouring concrete in cold weather.

The City recognizes the concern due to the schedule of the Armistead Avenue block tentatively scheduled for after January 1, 2014. Contractor and the City inspector will coordinate on a case-by-case basis for weather and temperature. Contractor may also incorporate cold weather concrete placement methods noted in Section 217.10—Placement Limitations of the VDOT Road and Bridge Specifications.

- b. Liquidated damages do not appear to be included in the bid package.

The Agreement on page BID-17 refers to Section 108.06 of the VDOT Road and Bridge Specifications on liquidated damages, which includes a graduated table of liquidated damages based on the total contract value.

- c. Bid Item 22 for UPC 102777 – Should read Above 2”, not Above 2”-4”.

The description is revised per this Addendum. The item is intended for what the City terms a ‘deep mill.’ Typical City streets contain thin (~2”-3”) asphalt or surface treatment pavement over a soil aggregate base. The purpose of this item is to mill into the soil aggregate layer to remove the pavement and the base at one time prior to regrading of the street and placing new base stone and asphalt.

- d. Bid Item 39 – Does converting existing DI to MH include frame & cover or is it separate line item?

The item is covered under Section 510 of the specifications. Based on the description, the manhole frame and cover is to be included in the conversion as a furnished item.

- e. Bid Item 50 – What it included with the water meter & box installation?

Bid item number 50 on page BID-5 includes installation of all items described in the specifications with the exception of the 1" T-10 meters. The two meters will be supplied by the developer to the City and installed by City forces. Because of its location within the sidewalk, bid item number 41 (1" water service line) is for the City side and customer side of the meter box from the main to just beyond the sidewalk for connection by the developer's contractor.

- f. Clarify what are items being furnished by others and installed by the contractor.

There are a few items being furnished by the developer of the adjacent properties on Prince George Street and Armistead Avenue. The contractor shall install the following items furnished by the developer as part of the contract with the exception of water meters (which are supplied to and installed by City forces):

- i. 2 – 1" Water Meters (refer to item e above)*
- ii. 1 - 6" post indicator valve*
- iii. 1 – 6" buried single detector check valve with 5/8"x3/4" detector meter (contractor shall furnish and install the water meter box, the City will install the detector meter)*

- g. The water meter boxes are located within the sidewalk and not at the edge of the right of way but the services on the customer side need to be extended beyond the meter and cleanout to get beyond the sidewalk. Is a plumbing permit required?

A separate plumbing permit is not required since it will be tested by the developers' contractor prior to being placed into service. Service lines need to be capped and marked for connection by the developers' contractor or coordinated to minimize intrusion of contaminants into the pipe.

- h. Do the sewer laterals on the customer side of the cleanouts require a plumbing permit?

A separate plumbing permit is not required since it will be tested by the developers' contractor prior to being placed into service. Service lines need to be capped and marked for connection by the developers' contractor or coordinated to minimize intrusion of contaminants into the pipe.

- i. Is bid item number 63 [Wiring (by DVP)] included in the bid?

No, the bid item has been removed by this addendum. This item was inadvertently transferred from the engineer's tabulation for the City budget estimate.

- j. Confusion on the separation of areas along Prince George Street – description may need to be rewritten.

Please refer to the revised description included with this addendum.

- k. At the pre-bid, it was discussed that if the prime contractor is a pre-qualified VDOT contractor then, as long as the prime contractor directly supervises the work, non-pre-qualified subcontractors can work on the project under the pre-qualified prime contractor. Please confirm this is accurate per the pre-bid.

Either the prime contractor or the subcontractor must be prequalified to perform work on this project on those areas along the National Highway System (NHS). Only US Route 60 is an NHS route, therefore only the work in Areas 1 and 5 are subject to the prequalification requirement. Non-prequalified subcontractors may work on the NHS areas under the supervision of a prequalified prime contractor.

- l. At the pre-bid meeting, it was discussed that line item 63 of the UPC: 102777 bid form is erroneous [Wiring (by DVP)]. Please confirm this line item is to be left blank.

The bid item has been removed by this addendum. This item was inadvertently transferred from the engineer's tabulation for the City budget estimate.

- m. The Scotland Street/Armistead Avenue Storm Improvements plans call for "water-tite connection" at existing inlet EX.1 and EX.1B. What constitutes "water-tite connection"? Is City requiring core and boot connection for proposed pipe into existing structure? If not present in existing structures, is VDOT IS-1 inlet shaping required in EX.1 & EX.1B inlets?

The intent of the label is to prevent stormwater from infiltrating through the joint and creating soil voids. An expansion grout plug is acceptable for RCP to concrete/masonry connections if installed properly. IS-1 inlet shaping will be required in the two existing structures if not present.

- n. Is the cost to relocate the existing telecom to be borne by utility operator or City? Per note, contractor to coordinate only. Has 'telecom' utility given any time length for relocation?

Cost distribution for utility relocations will be per the City's franchise agreement with the respective utility (not to be borne by the contractor). Contractor shall coordinate with the City inspector when conflicts are found to provide resolution. No timetable can be set with the utilities until the extent of the conflicts are more fully realized.

- o. Traffic plan on sheet C5.3 shows Scotland Street with two-way traffic. Can Scotland Street be one-way during storm sewer construction? Or can we close Scotland Street during the day?

Two-way traffic must be maintained on Scotland Street. Work zone certified flaggers may be used if a single temporary lane closure is necessary. Contractor shall submit a detailed traffic control plan to the City. Scotland Street shall not be closed to traffic. Only the block of Prince George Street between North Boundary Street and Armistead Avenue and the block of Armistead Avenue from Scotland Street to Prince George Street are to be closed. Due to the volume of traffic and width of Armistead Avenue, and its use as a through street, the duration of its closure will be limited to the minimum necessary to complete the work or eliminated altogether if the work can be accomplished with narrow travel lanes. As mentioned in the pre-bid meeting and as modified in this addendum, the two blocks shall not be closed simultaneously. Additionally, local traffic from existing driveways from adjacent residences and the College of William and Mary properties and pedestrian traffic to/from existing businesses must be maintained during the allowed street closures.

- p. The plans call for a 13” section for the Prince George Street and Armistead Avenue pavement including stone, base asphalt and surface asphalt. For removal of existing, the bid form has a unit price to plan 2-4” of flexible pavement. Is the intent to plane 4” of the flexible pavement under the unit price item 16523; then in the Lump Sum Earthwork bid item 00126, excavate any remaining asphalt and stone at a +/-9” depth (depending on new grades) and haul off; then bring in 8” of new 21A stone under the unit price bid for item 10123?

Refer to response to comment c above regarding the deep mill for these streets. Remaining material to be removed to reach subgrade is to be included in the lump sum bid for Earthwork as described.

- q. Plan sheet C4.1 roughly 70 LF north of Prince George Street along Armistead Avenue there is a waterline tie in with an 8”x6” tapping sleeve. The line coming off of this is listed as 22 LF 4” DIP. Please confirm this should be 22 LF 6” DIP.

The label on sheet C4.1 is revised in this addendum to be 22 LF 6” DI Water Main. This is to be measured and paid for under pay item number 42 for UPC 102777.

- r. Plan sheet C3.0 lists two items of Saw Cut along the length of Prince George Street: one for 424 LF and another for 580 LF. The bid form only lists 222 LF. Please confirm whether or not the 1,004 LF of saw cutting shown on the plans along the length of Prince George Street is erroneous.

The two labels noted above for saw cut on sheet C3.0 are removed by this addendum.

- s. Plan sheet C3.0 lists Remove Cleanout as bounded labels, which should have a corresponding pay item. The bid form does not have these as pay items. Should the removal be considered incidental or will they be added to the bid form?

Removal of cleanouts is considered incidental construction. The labels on sheet C3.0 are modified by this addendum.

- t. Plan sheet C3.0 lists two construction entrances as bounded labels indicating it is a pay item. These do not appear on the bid form. Please confirm intent.

Construction entrances are considered incidental construction. The labels on sheet C3.0 are modified by this addendum.

- u. Plan sheet C4.0: Is 8-inch cured-in-place liner correct for 12" clay sanitary? Are you requiring inserta-tee for 12"x6" sanitary connections? Proposed and/or existing?

The labels on sheet C4.0 are revised in this addendum to be 12" cured in place liner. This is to be measured and paid for under pay item number 53 for UPC 102777. Inserta-Tee or similar watertight flush connections will be required for the new laterals (on both the lined sewer and the existing sewer), the cost of which shall be included in the linear foot cost of the laterals.

- v. Plan sheet C3.0: Plans show two - existing water meters to 513 Prince George Street. Do we remove the existing water meter since the waterline is to be abandoned? What is the size of the existing waterline in Prince George Street? Plan notes are confusing in intersection – one note says to remove curb stop; another says to remove gate valve.

A label has been added in this addendum to remove the 3 water meter boxes in front of 513 Prince George Street. This is to be measured and paid for under pay item number 57 for UPC 102777. The quantity in the bid schedule will not change as some of the water meter boxes noted as existing may have already been removed and payment will be made for the actual quantity removed at the unit price bid for each. The existing water main in Prince George Street is a 2" galvanized steel and can be abandoned in place. Because of the size, it is likely that the connection is via a curb stop to the 8" cast iron main on Armistead Avenue rather than a tee and therefore requires a flush plug. There is also a valve as evidenced by the valve box in the roadway. Abandoning the valve can be accomplished by removing the valve box and abandoning the existing valve in place.

- w. Plan sheet C4.1: Plan calls for 8" x 6" tapping sleeve & valve, then calls for 22 LF 4" DIP. Is line extended to blowoff 4-inch or 6-inch?

See response q above.

- x. Should there be water meter box at the end of the 1-1/2" copper water service shown branching off the 4-inch DIP?

No. This line will be capped beyond the sidewalk. The meter box will be installed by the developer's contractor.

- y. Plan sheet C4.2-C4.13 has bounded label items for Tree Protection. There is no pay item on the bid form for Tree Protection. Will this be added or will this fall under a different pay item?

Tree Protection is considered incidental construction. The labels on sheets C4.2-C4.13 are modified by this addendum.

Distribution:

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