



**CITY OF WILLIAMSBURG**  
**Public Works & Utilities Department**

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**CITY OF WILLIAMSBURG**  
**INVITATION FOR BIDS (IFB)**  
**02-4101-18**  
**IRONBOUND RD. & LONGHILL RD. INTERSECTION IMPROVEMENTS**  
**UPC 89062, VDOT Project No. U000-137-136**

**ADDENDUM NUMBER 1**

**DATE: March 22, 2018**

This addendum is posted 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. **Change** the quantity of bid item 7 - FIELD OFFICE TY. 1 on page number BID-3 of 22 from seven (7) months to zero (0) months.
2. **Change** the quantity of bid item 43 - CONTROLLER CABINET (GROUND MOUNTED TS-2 CABINET) on page number BID-4 of 22 from two (2) each to one (1) each.
3. **Change** the quantity of bid item 44 - CONCRETE FOUNDATION (CF-1) on page number BID-4 of 22 from two (2) each to one (1) each.
4. **Change** the description of bid item 45 on page number BID-4 of 22 from 'SIGNAL POLE MP-3, TYPE A' to 'SIGNAL POLE MP-3, TYPE B'.
5. **Change** the quantity of bid item 57 – 10 CONDUCTOR CABLE on Page number BID-4 of 22 from 2,406 linear feet to 1,330 linear feet.
6. **Change** the quantity of bid item 61 – 2” PVC CONDUIT on Page number BID-4 of 22 from 190 linear feet to 120 linear feet.
7. **Change** the quantity of bid item 62 – 3” PVC CONDUIT on Page number BID-4 of 22 from 210 linear feet to 200 linear feet.
8. **Change** the quantity of bid item 64 – JACKED AND BORED PIPE 3” on Page number BID-4 of 22 from 930 linear feet to 670 linear feet.
9. **Change** the quantity of bid item 65 – JUNCTION BOX JB-S1 on Page number BID-4 of 22 from six (6) each to one (1) each.

10. **Append** the following paragraph to the Agreement on page BID-14 of 22:

“L. Contractor’s Insurance

- (1) The Contractor shall provide and keep in full force and affect during the performance of the Work the kinds and amounts of insurance specified in Section 4.3 below and shall comply with all other provisions of this Section. Such insurance shall be provided and kept in full force by insurance companies authorized to do business in the Commonwealth of Virginia, and regulated by the Virginia Bureau of Insurance. All premiums and other costs of such insurance shall be paid by the Contractor. It will be assumed that the consideration paid or to be paid to the Contractor for the performance of the Work includes the premiums and other such costs of such insurance, and the Owner shall not be responsible therefore. Each insurance policy and certificate of insurance shall be signed by duly authorized representatives of such insurance companies in the State and shall be countersigned by duly authorized agents of such companies. The Contractor shall not be required to furnish the Owner with copies of the insurance contracts required by this Section unless requested from time to time by the Owner; but the Contractor shall provide on forms furnished by the Insurance Company or Owner a Certificate of Insurance issued by such Insurance Companies, in which the company shall irrevocably warrant that the insurance is provided to enable the Contractor to comply with and provide the required insurance; (provided, however, that in no event shall the insurance contract be expanded to afford coverage which is greater than the maximum coverage approved for writing in the Commonwealth of Virginia) and that **it will not be canceled unless at least thirty days' prior written Notice to the effect is given to the Owner**, anything in such insurance contract to the contrary notwithstanding, and that the insurance contract has been endorsed accordingly.
- (2) The Contractor shall provide the certificate of insurance to the Owner within 10 Days following the Notice of Award.
- (3) Insurance Requirements:
  - a. The Contractor shall purchase and maintain during the life of this Agreement such Comprehensive General Liability Insurance including product and completed operations liability insurance as will provide protection from Contractor’s performance of the Work and Contractor’s other obligations under the Contract Documents, whether such performance is by Contractor, or by Subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable and shall otherwise bear responsibility therefore. The Contractor further agrees that all limits will be made available which are excess of the amounts below:
    - i. Workers Compensation and Employers Liability  
  
Coverage A - Statutory  
Coverage B - \$100,000/\$100,000/\$500,000  
  
A broad form of all states endorsement shall be attached.
    - ii. Commercial Auto Liability Including Hired and Non-Owned Car Liability Coverage  
  
Limit of Liability - \$1,000,000 per Occurrence

The Contractor shall purchase and maintain during the life of this Agreement such commercial automobile liability insurance including employer's non-ownership liability and hired car liability insurance to protect him and any Subcontractors performing Work covered by this Agreement from claims for damages, whether such operations be by him or any Subcontractor, or by anyone directly or indirectly employed by either of them.

iii. Commercial General Liability Including Contractual and Completed Operations.

Limit of Liability - \$1,000,000 per Occurrence

iv. Excess Liability Including Employers Liability, Commercial Auto Liability and Commercial General Liability.

Limit of Liability - \$1,000,000 per Occurrence  
\$3,000,000 Aggregate

- b. The Contractor shall be responsible for securing the Work site and shall assume all risk for vandalism or other damage that may occur, to project components, during construction.
- c. The Owner shall be named as an additional insured on the Commercial General Liability per ISO 2010 on a primary basis. The Contractor shall obtain a waiver of subrogation from its insurers on Worker's Compensation and All Risk Insurance policies. This requirement may be satisfied by obtaining appropriate endorsements to any master or blanket policy of insurance maintained. Owner's Commercial General Liability shall not contribute in any loss payment insured under the Contractor's Commercial General Liability policy.
- d. Contingent liability and property damage insurance to protect the Owner (or his employees and agents, including the Engineer) shall be provided by endorsements to general liability or property damage policies. All aforesaid policies shall be endorsed to provide that the insurance company shall notify the Owner if policies are to be terminated or altered during the life of the contract.
- e. The General Liability insurance shall carry a contractual liability endorsement covering the hold harmless agreements contained in the Owner standard contract and the certificates filed with the Owner shall show that the contractual liability coverage has been obtained.
- f. Insurance coverage for personal injury and property damage, including insurance on vehicles and equipment, shall be in the same company.
- g. The Contractor shall also be required to submit to the Owner evidence of insurance coverage or self-insurance for all claims arising under the Worker's Compensation Laws of the State of Virginia.
- h. The Contractor will indemnify and hold harmless the Owner, and the Owner's officers, agents, employees, and other representatives, against any liability, loss or expense

(including the loss of use of the Project), due to any act or omission of Contractor or any of their Subcontractors or of any of their respective employees in connection with the Work of the Contractor hereunder or due to any omissions or supervisory acts of the Owner in connection with the Work performed by the Contractor.”

11. **Append** the following paragraph to Project Specific Provision 10, Section 703.02 – Equipment on page PSP-27:

“The traffic signal cabinet shall be provided with a manual transfer switch (MTS) and external generator receptacle to allow for the connection of a portable generator. MTS shall be 60A 240V rated, 2-pole switch in a NEMA 3R enclosure. Generator receptacle shall be a 120/240V 50A twist lock receptacle in a weatherproof in-use enclosure.”

12. **Replace** Project Specific Provision 10, Section 703.04 – Measurement and Payment on Page PSP-28 with the following paragraphs:

“**TS-2 controller** shall be measured in units of each and will be paid for at the Contract unit price per each. Price shall include all materials, labor, attachment hardware, and items required to provide a complete working assembly at the local intersection. Configuration of the controller with the database information, and associated coordination with the controller provider, shall be incidental to the cost of this item. Partial payments will be made based on the following schedule: 80% upon completion and acceptance of the intersection operational test; 20% upon completion of the video detection testing.

**TS-2 Cabinet** shall be measured in units of each and will be paid for at the Contract unit price per each. Price shall include enhanced conflict monitor, load switches, police panel, manual transfer switch, generator receptacle, and all materials, labor, attachment hardware, and items required to provide a complete working assembly. Partial payments will be made based on the following schedule: 80% upon completion and acceptance of the intersection operational test; 20% upon completion of the video detection testing.”

### DRAWINGS

13. **Delete** Traffic Signalization Plan Note 21 on Sheet 8. *The lighting on a joint use pole is no longer part of this project.*
14. **Delete** Traffic Signalization Plan Note 26 on Sheet 8. *There are no internally illuminated street signs on this project.*
15. **Change** the Pole Height for Pole IDs  $\langle A \rangle$ ,  $\langle B \rangle$ ,  $\langle C \rangle$ , and  $\langle D \rangle$  in the Pole Schedule on Sheet 8(1) from 30’ to 24’.
16. **Change** Construction Note  $\boxed{7}$  on Sheet 8(1) from “See Sheet 8(3) for conduit schedule” to “See Sheet 8(2) for conduit schedule”.
17. **Delete** callout for Construction Note  $\boxed{3}$  at Richmond Road signal on Sheet 8(1). *A MTS is not required at the existing Richmond Road controller cabinet.*

18. **Delete** graphics for Overhead Street LED Luminaire on Sheet 8(1). *The lighting on a joint use pole is no longer part of this project.*
19. **Delete** callouts and graphics for conduits  $\triangle 16$  through  $\triangle 24$ , inclusive, on Proposed Conduit list on Sheet 8(2). *The lighting on a joint use pole is no longer part of this project.*
20. **Delete** graphics and lines on the Wiring Diagram on Sheet 8(2) representing the four Overhead Street LED luminaires including the 3-#10/1C labels and circuit lines from the Controller Cabinet. *The lighting on a joint use pole is no longer part of this project.*

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 under the terms mentioned in the advertisement. Revised bid forms (pages BID-3 of 22 through BID-5 of 22), Project Specific Provisions (pages PSP-27 of 34 and PSP-28 of 34), Drawing Sheets 8, 8(1), and 8(2), which incorporate this Addendum, are included for convenience.
2. A non-mandatory pre-bid conference was held on March 13, 2018 at 10:00 am. A copy of the attendance list and agenda is available for download from Purchasing on the City of Williamsburg website noted above.
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. Has DEQ reviewed the plans for the stormwater permit?

*DEQ does not need to approve the plans for the project since the City is a VSMP Authority. As the operator, Contractor is responsible for preparing and submitting the Registration Statement (along with the Land Disturbing Permit) to the City Codes Compliance office and having a SWPPP prepared and available. There are no fees for either permit. Note that once submitted, DEQ may take up to 2 weeks to issue the coverage letter after which land disturbance may begin.*

- b. What are the allowable work hours?

*The City's Noise Ordinance restricts excessive noise from construction activities between the hours of 7:00 p.m and 7:00 a.m. in residential areas without special permission. The normal daytime work hours are 8:00 a.m to 6 p.m. Monday through Friday. Extended work hours or days outside of these periods may be requested of the City at least five (5) business days prior to the extended work periods. The City reserves the right to modify the work hour restrictions.*

- c. Will we be allowed to close multiple lanes?

*City expects Contractor to have at least one lane in each direction OPEN at all times, unless requested and approved otherwise for specific reasons.*

- d. What are the allowable lane closure hours?

*Sheet 1J(1) of the Plans specifies allowable lane closure between 9:00 p.m. and 5 a.m. Monday through Friday and between 7 p.m. and 7 a.m. Saturday and Sunday. Extended lane closure may be requested of the City at least five (5) working days prior to the extended work periods. The City reserves the right to modify the allowable lane closure hour restrictions.*

- e. Does the permanent signal need to be in place for the school opening / interim completion date?

*A functional signal is REQUIRED at the intersection by the interim completion date. A temporary signal is acceptable if the Contractor chooses to put one up if the permanent signal will not be ready by the specified date (August 31, 2018). City will assist Contractor in coordinating the power feed for the signal with Dominion Energy. The likely feed is from the new transformer located at the southeast corner of the intersection adjacent to the 7-11.*

- f. Who will coordinate with VNG for the relocation of their regulator station?

*City will notify VNG about when they can enter the work area to perform the transfer of their station. Contractor to inform City that existing roadway has been eradicated and will allow VNG access to that area to install the station.*

- g. Can you give an update on the utility relocations?

*As of March 20, 2018:*

- *Cox Communications has splices and service switch-overs to complete, followed by strip-out of the old infrastructure. This will be complete by the end of March (pending weather).*
- *Dominion Energy is complete except for removing the existing wood poles. These will be removed by first week of April (as soon as Cox completes stripping-out).*
- *Metro Fiber Networks has one vault to adjust/replace on Longhill Road which should be complete by the mid-April. This work was waiting on removing an existing pole that is nearby.*
- *Virginia Natural Gas is complete until time to relocate the regulator station as indicated in the sequence of construction.*
- *All others (Verizon, Lumos Networks, and James City County) are complete.*

- h. Is the office trailer (bid item #7) to be used by the City necessary?

*City will not require a separate trailer (Type 1) to be on jobsite. The City's inspector will be on site, but not need a trailer specifically for him. This quantity has been reduced to zero in this addendum.*

- i. Is there a place dedicated for staging/storage?

*The contractor will be permitted to stage and store at the two City properties located at 130 Ironbound Road adjacent to the Aldi grocery store.*

- j. Is Oyster Point Construction using GPS control for the James Blair Middle School site work?

*No, AES Consulting Engineers is providing traditional construction stakeout for Oyster*

*Point Construction, the general contractor for the school project.*

- k. What do we do about pedestrian traffic?

*Ensure that closure of any sidewalks is evident and secure during construction operations on jobsite. This area is a popular route for walkers and joggers coming to and from the James City County Recreation Center. Once the school is open, expect pedestrian traffic to increase, especially during opening and closing times.*

- l. PSP-28 of 34, section 703.04, Measurement & Payment; Call for controller payment 80% upon turn on and 20% upon completion of loop testing. Please clarify loop testing.

*The measurement and payment section has been modified in this addendum to replace loop testing with video detection testing.*

- m. Sheet 8(1) refers to a conduit schedule on sheet 8(3). There is no sheet 8(3). Please clarify.

*Construction Note 7 on Sheet 8(1) has been modified in this addendum to refer to the conduit schedule on Sheet 8(2).*

- n. Bid Item #45 calls for an MP-3 Type A pole which is a signal pole up to 20FT tall. The pole schedule on sheet 8(1), calls for the pole height to be 30 FT (non-standard). Please clarify.

*Bid Item #45 has been modified in this addendum to Signal Pole MP-3, Type B which has a 20' mast arm height. The pole height has been modified in this addendum to 24' on the pole schedule for Poles A, B, C, and D.*

- o. Bid Item #42, #43, and #44; Controllers, Cabinets, and Cabinet Foundations (CF-1), respectively. The only new controller & cabinet is shown on sheet 8(2). Is the other controller the Master controller for Richmond Rd? How is are the Manual Transfer Switches to be paid? Please clarify these items.

*The second master controller is replacing the existing controller at the intersection of Richmond Road and Ironbound Road. The 2nd cabinet and foundation (originally intended for Richmond Road) have been removed from the Bid Proposal in this addendum. The MTS has also been removed from the Richmond Road signal in this addendum. The Project Specific Provision 10 for Traffic Signals has been modified in this addendum to clarify the equipment required for the Manual Transfer Switch and to make it incidental to the TS-2 cabinet.*

- p. Signal Drawing 8(2) call for #10 Lighting Cable, yet no lighting is shown. Please confirm this cables intended use.

*The lighting was shown coincident with the mast arms, however, the lighting on a joint*



*use pole is no longer part of this project as modified in this addendum.*

- q. Note 21 on Sheet 8 calls for luminaires and arms for joint use poles, but this contradicts MP-3 type A. Please clarify.

*The lighting on a joint use pole is no longer part of this project as modified in this addendum.*

- r. Note 26 on Sheet 8 calls for Illuminated Street Name Signs. Please confirm what type of III. SNS, and specify the cable to be used.

*Internally illuminated street name signs will not be required for this project. Note 26 on Sheet 8 has been removed with this addendum.*

- s. Bid Item #66 – Temporary Traffic Control Signal. Please provide a design for the temporary signal. No detail, or movements are specified in the maintenance of traffic plans.

*Section 512.04 of the VDOT Road and Bridge Specifications states that the price for the Temporary Traffic Control Signal shall include plan development. The Phase 2 and Phase 3 Maintenance of Traffic plans show the required lanes and movements to be accommodated by the Temporary Traffic Control Signal until the permanent traffic signal pole is installed. The temporary signal is an option for the contractor in lieu of having the permanent signal in place and operational by the interim completion date.*

- t. Is there is a geotechnical report for this project? If so, can you provide it?

*A geotechnical engineering report prepared by GET Solutions, Inc. is being made available for download from Purchasing on the City of Williamsburg website at <http://www.williamsburgva.gov>. The report is being provide for information only and is NOT a part of the contract bid documents.*

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