



ADDENDUM # 1
IFB #03-19 – W BROADWAY AVE & N 21ST AVE
INTERSECTION IMPROVEMENTS

JULY 9, 2018

The City of Hopewell offers the following changes and question responses to IFB # 03-19 as Addendum #1. Please acknowledge receipt of this addendum by signing and including **Page 4** as part of your bid response.

Replace Bid Sheet with Revised Bid Sheet: A revised Bid Sheet is included with this Addendum. Replace the Bid Sheet in the Invitation for Bid with the attached revised Bid Sheet. The changes made to the Bid Sheet are in **red**.

Pre-bid Conference Sign-In Sheet: This Addendum includes the Sign-In Sheet for the Pre-bid Conference held July 3, 2018.

Below are the responses to questions received by the deadline date:

1. DBE goal 10%- Is this a goal or a requirement? [See Addenda 00930 – Federal Documents - Special Provision for Section 107.15 beginning page L-39 for details regarding DBE requirements. Section F describes bidding procedures, good faith efforts, bid rejection.](#)
2. The contractor is to coordinate with Dominion Power, please confirm the City will pay any Dominion Power Fees. [Yes, the city will pay Dominion Power Fees.](#)
3. The plans call for 4 EA Elongated Arrow single- but there is no pay item. Will a pay item be added? [Yes, the below Item was added to the Revised Bid Sheet](#)

54574	PVMT SYMB MRKG (SGL TURN ARROW) TY B, CL I	EA	4
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4. 6' Decorative Pedestal Pole- Is the cost of the foundation included with this item? [Yes, the cost of the foundation is included with the item Decorative Pedestal Pole, 6'.](#)
5. We would request that the City review the contract duration. The current fabrication times for the signal poles is 6 months. This does not include preparation and approval of the working drawings (which could take 60 days). Will the city issue a partial notice to

proceed that will permit the Contractor to make submittals for review/approval and begin procurement of materials/equipment? The partial notice to proceed could also allow for the required test bores to complete the foundation designs. Once the signal equipment arrives, the full notice to proceed could be issued (calendar day clock starts) and work completed.

The City has reviewed the contract duration and agrees that an eight month duration (240 calendar days) does not allow enough time with the projected fabrication lead time for decorative signal poles. In lieu of the partial notice to proceed, the City shall change the contract duration to a fixed completion date (FCD) of June 30, 2019. The City will issue Notice to Proceed (NTP) on the same date as contract award which is expected to be on or before August 31, 2018.

- 6. Bid Sheet Line 46 – The Item Description should be Uninterruptible Power Supply (Type 1). Agreed, the item description will be corrected.

- 7. The plans are missing wiring for the LED Internally Illuminated Street Name Signs. Per the Contract Special Provisions,

“Measurement and Payment for Internally illuminated street name signs shall be measured in units of each and will be paid for at the contract unit price per each. This price shall include sign housing, reflectors, sign panels, seals, LED’(s), photoelectric controls, conductors, terminal blocks and compartments, mounting assemblies, painting or sign housings and mounting assemblies when required, all labor, equipment and material necessary to install the signs and required design and certifications.”

Conductors (wiring) shall be installed as required by the manufacturer and the cost of conductors (wiring) shall be incidental to the cost of the LED Internally Illuminated Street Name Signs.

- 8. Please confirm that a TS-2 signal cabinet is required for this project. All other signal cabinets in the City of Hopewell are TS-1. Per the VDOT Road and Bridge Specifications, section 703.02 (a)1.(a), Type A local controllers shall be NEMA TS-2, Type 1.

- 9. According to the Video Detection System – Type III special provision, a pay item for Camera Mounting Bracket is required. Request that this pay item be added to the Bid Sheet. Agreed, the below item was added to the Revised Bid Sheet

52002	NS TRAFFIC SIGNALIZATION – CAMERA MOUNTING BRACKET	EA	1
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- 10. Video Detection System – Will the City require a Monitor or USB Mouse be provided on this project? No, a monitor or USB Mouse will not be required as part of this project.

11. Sheet 2B(2) – The legend shows the symbol for Opticom GPS Unit. What type of pre-emption equipment should be provided on this project Infrared or GPS? *The contractor shall provide multimode Opticom system capable of both infrared and GPS detection.*
12. Are audible pedestrian pushbuttons required for this project? *No, audible pedestrian pushbuttons are not required on this project.*
13. Third Party Signal Pole Factory Inspection – Will the third party signal pole factory inspections be required for this project? If so, will the City be responsible for all costs associated with the signal pole factory inspections? *Yes, third party signal pole factory inspections will be required and the City will be responsible for associated costs.*
14. Does the VDOT anchor bolt tightening (including UT Testing) process have to be followed for this project? *Yes.*
15. Sheet 4 – Pole F – Request the City/Engineer review the location of Pole F. The sidewalk width at this location is 5'. The decorative base is over 18". This will cause the sidewalk width to be reduced to under 4' (less than ADA requirements). Also, the foundation is shown in the slope of the ramp which would cause a potential tripping hazard. Would suggest installing a PA-3 at this location to maximize the sidewalk width. *Valmont Decorative "Huntington" style (AC-1) clamshell base has a decorative base that is 12" diameter (Product number HN12AC). Contractor shall provide 12" diameter base (HN12AC or approved equal) for all 6' decorative pedestal poles. Contractor shall adjust concrete sidewalk ramp slopes and grading tying into pedestal signal pole concrete foundation to avoid causing a tripping hazard.*
16. City of Hopewell Permits – Page 24 states that no city permits will be required and Page 32 states that a permit is required from the Code Enforcement Office. Please confirm the City of Hopewell permits that are required for this project. *A City building permit will be required for the purpose of pulling the electrical permit through the Development Department – Code Enforcement Division. The electrical permit will be used to call for intermediate and final inspections for the service entry prior to releasing to Dominion Energy for connection. There will be no costs as this is a City endorsed CIP Project.*
17. Is the traffic signal cabinet and controller a TS2 Type 1 or Type 2? *Per the VDOT Road and Bridge Specifications, section 703.02 (a)1.(a), Type A local controllers shall be NEMA TS-2, Type 1.*
18. Can the UPS cabinet be supplied without a generator cable if the traffic signal cabinet is wired with the generator cable? *Generator Cable shall be installed in accordance with the VDOT Road and Bridge Specifications section 703.02(g)6. Specifically, see paragraph d. "d. External generator connection: The signal cabinet shall be equipped with an external generator connection unless otherwise specified in the Contract. The connection access point shall be located on the AC power side of the cabinet and*

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City of Hopewell, Virginia
July 9, 2018

shall have a fully gasketed, weatherproof, lockable door. The connection shall be wired such that power from the generator and the utility line passes through the UPS system, and when utility power has been restored, the generator shall be automatically bypassed to utility power. The connector shall be a watertight, flange inlet, male, 30-amp, 125 VAC, NEMA L5-30, twist lock type receptacle, and shall be approved by the Engineer. The door shall be equipped with the same lock as specified for new controller cabinets.”

Please sign and include this form as part of your bid response to verify receipt of Addendum # 1.



April L. Cone, Purchasing Officer

Signature of Receipt of Addendum # 1

Date

Company Name

00400 – BID FORMS AND SUPPLEMENTS – BID SHEET #03-19 REVISED 07-09-18

ITEM NO.	VDOT BID ITEM NO.	VDOT SPEC.	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	COST
1	10608	315	ASPHALT CONCRETE TY. SM-12.5D	TON	262	\$	\$
2	10628	515	FLEXIBLE PAVE. PLANING 0-2"	SY	2381	\$	\$
3	12020	502	STD. CURB CG-2	LF	172	\$	\$
4	12022	502	RADIAL CURB CG-2	LF	30	\$	\$
5	12600	502	STD. COMB. CURB & GUTTER CG-6	LF	29	\$	\$
6	12610	502	RAD. COMB. CURB & GUTTER CG-6	LF	6	\$	\$
7	13108	504	CG-12 DETECTABLE WARNING SURFACE	SY	10	\$	\$
8	13120	502	NS ENTRANCE GUTTER – MODIFY EXIST. ENTRANCE	SY	3	\$	\$
9	13220	504	HYDRAULIC CEMENT CONC. SIDEWALK 4"	SY	103	\$	\$
10	14100	PLAN	REMOVAL OF SIDEWALK AND ENTRANCE	SY	91	\$	\$
11	27461	303	INLET PROTECTION TYPE B	EA	4	\$	\$
12	38900	601	NS PLANT OR TREE – REMOVE EXISTING TREE 6-12" CALIPER	EA	1	\$	\$
13	50108	701	SIGN PANEL	SF	9	\$	\$
14	51030	703	LOCAL CONTROLLER, TYPE A	EA	1	\$	\$
15	51184	703	TRAFFIC SIGNAL HEAD SECTION 12" LED	EA	24	\$	\$
16	51198	703	PEDESTRIAN ACTUATION PA-2	EA	1	\$	\$
17	51200	703	PEDESTRIAN ACTUATION PA-4	EA	3	\$	\$
18	51484	ATTD	NS SIGNAL POLE – DECORATIVE PEDESTAL POLE 6'	EA	3	\$	\$
19	51484	ATTD	NS SIGNAL POLE – DECORATIVE PEDESTAL POLE 10'	EA	2	\$	\$
20	51238	700	CONCRETE FOUNDATION SIGNAL POLE PF-8	CY	35	\$	\$
21	51240	700	CONCRETE FOUNDATION PF-2	EA	2	\$	\$
22	51245	700	CONCRETE FOUNDATION CF-1	EA	1	\$	\$
23	51484	ATTD	NS SIGNAL POLE – DECORATIVE MAST ARM	EA	2	\$	\$

			SIGNAL POLE				
24	51484	ATTD	NS SIGNAL POLE – DECORATIVE DUAL MAST ARM SIGNAL POLE	EA	1	\$	\$
25	51499	ATTD	NS MAST ARM – DECORATIVE MAST ARM 30’	EA	1	\$	\$
26	51499	ATTD	NS MAST ARM – DECORATIVE MAST ARM 60’	EA	1	\$	\$
27	51499	ATTD	NS MAST ARM – DECORATIVE MAST ARM 20’	EA	1	\$	\$
28	51499	ATTD	NS MAST ARM – DECORATIVE MAST ARM 25’	EA	1	\$	\$
29	51499	ATTD	NS MAST ARM – DECORATIVE LUMINAIRE ARM 8’	EA	3	\$	\$
30	52002	ATTD	NS TRAFFIC SIGNALIZATION – VIDEO DETECTION UNIT TYPE III	EA	1	\$	\$
31	52002	ATTD	NS TRAFFIC SIGNALIZATION – 360 DEGREE VIDEO DETECTION CAMERA	EA	1	\$	\$
31.1	52002	ATTD	NS TRAFFIC SIGNALIZATION – CAMERA MOUNTING BRACKET	EA	1	\$	\$
32	51271	700	CAT 5E DIRECT BURIAL CABLE	LF	230	\$	\$
33	51524	703	EVP DETECTION SYSTEM 4- WAY	EA	1	\$	\$
34	51525	703	EVP DETECTOR CABLE	LF	630	\$	\$
35	51602	700	14/4 CONDUCTOR CABLE	LF	875	\$	\$
36	51607	700	14/7 CONDUCTOR CABLE	LF	625	\$	\$
37	51614	700	NS CONDUCTOR CABLE – 10/3 CONDUCTOR CABLE	LF	400	\$	\$
38	51700	700	14/2 CONDUCTOR CABLE SHIELDED	LF	425	\$	\$
39	51830	703	HANGER ASSEMBLY SM-3, ONE WAY	EA	8	\$	\$
40	51835	703	HANGER ASSEMBLY SMB-2, TWO WAY	EA	2	\$	\$
41	51839	703	HANGER ASSEMBLY SMB-3, TWO WAY	EA	2	\$	\$
42	51933	703	REMOVE EXISTING POLE	EA	2	\$	\$
43	51934	703	REMOVE EXISTING FOUNDATION	EA	2	\$	\$
44	51935	703	REMOVE EXISTING SIGNAL HEAD	EA	8	\$	\$
45	51936	703	REMOVE EXISTING CONTROLLER	EA	1	\$	\$
46	51993	703	UNINTERRUPTIBLE POWER SUPPLY TYPE 1	EA	1	\$	\$
47	51995	703	UNINTERRUPTIBLE POWER	EA	1	\$	\$

			SUPPLY BATTERY PACK				
48	51996	703	UNINTERRUPTIBLE POWER SUPPLY CABINET ATTACHED	EA	1	\$	\$
49	52403	703	PEDESTRIAN SIGNAL HEAD SP-8	EA	8	\$	\$
50	52424	700	ELECTRICAL SERVICE SE-3 TYPE A	EA	1	\$	\$
51	54032	704	TYPE B CLASS I PVMT LINE MRKG 4"	LF	1050	\$	\$
52	54034	704	TYPE B CLASS PVMT LINE MRKG 6"	LF	325	\$	\$
53	54042	704	TYPE B CLASS PVMT LINE MRKG 24"	LF	80	\$	\$
53.1	54574	704	PVMT SYMB MKRG (SGL TURN ARROW) TY B, CL 1	EA	4	\$	\$
54	55060	700	6 CONDUCTOR CABLE	LF	75	\$	\$
55	55587	700	JUNCTION BOX JB-S2	EA	4	\$	\$
56	55588	700	JUNCTION BOX JB-S3	EA	1	\$	\$
57	56014	700	ELEC. SERV. GROUNDING ELECTRODE (10')	EA	5	\$	\$
58	56021	700	1" PVC CONDUIT	LF	15	\$	\$
59	56026	700	1 1/4" METAL CONDUIT	LF	25	\$	\$
60	56052	700	BORED CONDUIT 4"	LF	200	\$	\$
61	56053	700	2" PVC CONDUIT	LF	110	\$	\$
62	56054	700	3" PVC CONDUIT	LF	50	\$	\$
63	56055	700	4" PVC CONDUIT	LF	40	\$	\$
64	56200	700	TRENCH EXCAVATION ECI-1	LF	130	\$	\$
65	56205	700	TEST BORE	EA	3	\$	\$
66	59000	ATTD PLAN	NS LIGHTING – LUMINAIRE, POLE MOUNTED	EA	3	\$	\$
67	50600	ATTD	REMOVE TY. I SIGNS	EA	1	\$	\$
68	50759	ATTD	RELOC. EXIST. SIGN PANEL TY. SP-1	EA	2	\$	\$
69	50430	700	SIGN POST STP-1, 2", 14 GAGE	LF	15	\$	\$
70	50485	700	CONC. FOUNDATION STP-1, TYPE A	EA	1	\$	\$
71	50902	ATTD	NS TRAFFIC SIGN – LED INTERNALLY ILLUMINATED STREET NAME SIGN (5.5', RIGID MOUNT, SINGLE FACED)	EA	2	\$	\$

72	50902	ATTD	NS TRAFFIC SIGN – LED INTERNALLY ILLUMINATED STREET NAME SIGN (8.5', RIGID MOUNT, SINGLE FACED)	EA	2	\$	\$
73	24265	ATTD	NS MAINTENANCE OF TRAFFIC	LS	1	\$	\$
74	101	517	CONSTRUCTION SURVEYING	LS	1	\$	\$
75	100	513	MOBILIZATION	LS	1	\$	\$

Base Bid Items 1 – 75

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