

**EDWARDS FERRY ROAD AT ROUTE 15 BYPASS  
RIGHT TURN LANE IMPROVEMENTS  
IFB No. 05302-FY13-01  
Addendum #1  
January 17, 2014**

**1. All bidders are required to use the revised Bid Form dated January 17, 2014 in order for their bid to be considered responsive. (Attachment 'A')**

**2. Questions/Answers/Comments**

Question 1: My understanding is that item numbers 61 & 62 (New Bid Form numbers 64 & 65) are to be relocated to mast arm poles. In order for us to quote the contractors accurately, we need to know the sizing of sign ES-2 (Route 15 Bypass) to determine the correct hardware size. Would you please advise?

Answer 1: **The contractor shall replace Signs ES-2 & ES-5 with new signs S-2 & S-5. The Bid Form has been revised to include sign size, see revised Bid Form, attachment 'A'**

Question 2: Are the specifications available for the Traffic Signalization work?

Answer 2: **"Traffic Signal Sheets" references the specifications, see plan sheets 8, 8a & 8b.**

Question 3: There is no pay item for the New SE-5 service that is to be provided per the Note # 6 under (G. Utilities) on plan sheet 8.

Answer 3: **The Bid Form has been revised to include a New SE-5, see revised Bid Form (Item #59), attachment 'A'**

Question 4: The plan sheet 8A indicates the junction box at the controller is existing and doesn't show a new one. There is a pay item, #50 (New Bid Form #51) for a new JB-R2 at the cabinet.

Answer 4: **The JB-R2 is for replacement as needed at cabinet**

Question 5: The quantity for pay item #65 (New Bid Form #68) Saw cut for loop detectors does not match the plans.

Answer 5: **This is a unit price contract and the contractor will be paid based on actual quantities installed per plan and specifications.**

Question 6: Would you also please confirm whether or not the traffic signals and associated hardware are black?

Answer 6: **All signals shall be Yellow, all associated signal hardware (brackets & mounts) shall be aluminum (no paint).**

# **ATTACHMENT 'A'**

**TOWN OF LEESBURG, VIRGINIA  
DEPARTMENT OF CAPITAL PROJECTS  
25 WEST MARKET STREET  
LEESBURG, VIRGINIA 20176  
IFB NO. 05302-FY13-01**

**BID FORM, PAGE 8 THRU 18  
SUBMIT A SIGNED BID FORM BY MAIL OR IN PERSON TO  
RENEE LAFOLLETTE, ACTING DIRECTOR  
DEPARTMENT OF CAPITAL PROJECTS**

FORMAL BIDS WILL BE DUE NO LATER THAN 3:30 P.M., THURSDAY, JANUARY 23,  
2014

**CONSTRUCTION OF THE PLANS TITLED  
EDWARDS FERRY ROAD AT ROUTE 15 BYPASS  
RIGHT TURN LANE IMPROVEMENTS**

THE UNDERSIGNED CERTIFIES THAT (CONTRACTOR NAME):

\_\_\_\_\_

IS CURRENTLY REGISTERED WITH THE VIRGINIA STATE BOARD OF CONTRACTORS AS REQUIRED BY THE CODE OF VIRGINIA. CERTIFICATE NUMBER \_\_\_\_\_ WAS ISSUED ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, \_\_\_\_\_. THE UNDERSIGNED FURTHER CERTIFIES THAT THE REGISTRATION FEE AND ALL RENEWAL FEES REQUIRED UNDER LAW HAVE BEEN PAID. THE CONTRACTOR AGREES TO FURNISH ALL NECESSARY LABOR, EQUIPMENT, MATERIALS, AND ALL THINGS NECESSARY TO PERFORM THE WORK AS SET FORTH IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AT THE FOLLOWING PRICES: (ALL PRICES INCLUDE PROVISION AND INSTALLATION).

STIPULATED PRICE ITEMS: THE CONTRACTOR AGREES TO PERFORM RELATED WORK FOR THE FOLLOWING ITEMS AT THE STIPULATED PRICES SHOWN. USE OF THESE ITEMS WILL BE THE SOLE DISCRETION OF THE ENGINEER.

<u>ITEM</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
CRUSHER RUN VDOT #25 OR APPROVED EQUAL	CY	\$35.00

ROCK IS DEFINED AS ANY SOLID MATERIAL OR BOULDERS THAT CANNOT BE REMOVED FROM THE GROUND BY EXCAVATION EQUIPMENT WITHOUT THE USE OF A HOE RAM OR BLASTING METHODS.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE 2007 VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.

CONTRACTORS BIDDING THIS PROJECT MUST BE VDOT PRE-QUALIFIED CONTRACTORS.

January 17, 2014

<u>SUBMITTED BY:</u>	
VENDOR NAME:	
ADDRESS:	
CITY/STATE/ZIP:	
AUTHORIZED SIGNATURE:	
PRINT NAME AND TITLE:	
TELEPHONE NO:	FACSIMILE NO.:
STATE CORPORATION COMMISSION ID #	
TAX ID NUMBER (FIN/SSN):	VA. CONTRACTOR LICENSE #:
THIS FIRM IS A: (INSERT NAME OF STATE): _____	
<input type="checkbox"/> CORPORATION <input type="checkbox"/> GENERAL PARTNERSHIP <input type="checkbox"/> LTD LIABILITY COMPANY	<input type="checkbox"/> LIMITED PARTNERSHIP <input type="checkbox"/> UNINCORPORATED ASSOC. <input type="checkbox"/> SOLE PROPRIETORSHIP
E-MAIL ADDRESS:	LEESBURG BPOL #:

**ADDENDA**

Bidder acknowledges receipt of the following ADDENDA, which have been considered in the preparation of this bid.

Addendum No. _____	Dated: _____
Addendum No. _____	Dated: _____
Addendum No. _____	Dated: _____
Addendum No. _____	Dated: _____
Addendum No. _____	Dated: _____

January 17, 2014

BID FORM

Item	Description	UOM	QTY	Unit Rate	Amount
	<b>Miscellaneous</b>				
1	Mobilization / Demobilization	LS	1		
2	Construction Survey	LS	1		
	<b>Subtotal Miscellaneous</b>				
	<b>Clearing, Erosion &amp; Sediment Controls</b>				
3	Clearing & Grubbing	LS	1		
4	Construction Entrance Including Wash Rack, Complete in Place Incl. Maintenance & Removal	EA	2		
5	Inlet Protection (Type A) Complete in Place Incl. Maintenance & Removal	EA	3		
6	Inlet Protection (Type B) Complete in Place Incl. Maintenance & Removal	EA	10		
7	Silt Fence Complete in Place Incl. Maintenance & Removal	LF	200		
8	Rock Check Dam Complete in Place Incl. Maintenance & Removal	EA	1		
9	Culvert Inlet Protection, Complete in Place Incl. Maintenance & Removal	EA	1		
10	Outlet Protection Complete in Place Incl. Maintenance & Removal	EA	3		
11	Temp. 15" CMP Pipe, Completed in place including Excavation, Bedding & Backfill	LF	54		
12	Temp Seed	SY	1065		
13	Permanent Seed	SY	2585		
	<b>Subtotal Clearing, Erosion &amp; Sediment Controls</b>				

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Item	Description	UOM	QTY	Unit Rate	Amount
<b><i>Demolition / Relocation</i></b>					
14	Demo & Dispose of Existing Flexible Pavement	SY	1500		
15	Demo & Dispose of Concrete Curb	LF	1600		
16	Demo & Dispose of Concrete Median	SF	3700		
17	Remove Sign & Post	EA	4		
18	Saw Cut Asphalt Concrete	LF	2200		
<b><i>Subtotal Demolition / Relocation</i></b>					
<b><i>Storm &amp; Sanitary Sewer</i></b>					
19	15" RCP CLIII, Completed in place including Excavation, Bedding & Backfill	LF	228		
20	24" RCP CLIII, Completed in place including Excavation, Bedding & Backfill	LF	47		
21	STR 3.1, DI-5 (H=4") w/grate type III, Complete in place including excavation, bedding & backfill	EA	1		
22	STR 3.2, 15" ES-1, Complete in place including excavation, bedding & backfill	EA	1		
23	STR 3.3, DI-7 (H=4'), Complete in place including excavation, bedding & backfill	EA	1		
24	STR 3.4, DI-3B (H=6.2', L=8'), Complete in place including excavation, bedding & backfill	EA	1		
25	STR 3.5, DI-3B (H=6.2', L=12'), Complete in place including excavation, bedding & backfill	EA	1		
26	Set STR 3.5, as a temporary HM for Phase I	EA	1		
27	STR 3.6, Convert Existing DI to MH, Adjust to Grade - Raise approx 2.3' and install new Frame & Cover	LS	1		
28	STR 3.7, Modify Existing DI to DI-2B (L=10), Adjust to Grade, Complete	LS	1		
29	STR 3.8, DI-3C (H=5.3', L=20'), Complete in place including excavation, bedding & backfill	EA	1		

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Item	Description	UOM	QTY	Unit Rate	Amount
30	Cut Existing Concrete Pipe 9' Downstream end and connect to STR 3.8, Complete in place including excavation, bedding & backfill	LS	1		
31	Clean out existing ditch between STR 3.3 & Existing STR 31 to match proposed Grate Inlet	LS	1		
32	Clean Existing Storm Sewer Pipe	LF	400		
33	Remove & Dispose of Storm Structures	EA	3		
34	Remove & Dispose of storm sewer pipe	LF	126		
35	Underdrain UD-4, Complete in place including excavation, fabric, bedding, tie-in & backfill	LF	700		
	<b>Subtotal Storm &amp; Sanitary Sewer</b>				
	<b>Traffic Signal</b>				
36	1" PVC Conduit, Complete in place incl. excavation, bedding & backfill	LF	260		
37	3" PVC Conduit, Complete in place incl. excavation, bedding & backfill	LF	180		
38	4" PVC Conduit, Complete in place incl. excavation, bedding & backfill	LF	50		
39	4" PVC Conduit ( <b>BORED</b> ), Complete in place	LF	125		
40	14/2C (S) Conductor Cable Shielded	LF	3900		
41	14/2C Conductor Cable	LF	1350		
42	14/7C Conductor Cable	LF	3350		
43	14/1 Enclosed Conductor Cable	LF	7000		
44	#6 AWG/3C	LF	525		
45	PRE-EMPTION Detector Cable	LF	1350		
<b><u>46</u></b>	<b>PEEK VIDEO IQ 4 channel processor or equivalent, complete including mounting, cables &amp; suppressor panel</b>	<b><u>EA</u></b>	<b><u>2</u></b>		

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Item	Description	UOM	QTY	Unit Rate	Amount
<u>47</u>	<b>PEEK color camera, including cabling, mounting, complete including installation &amp; wiring (power &amp; coax etc.. )</b>	<u>EA</u>	<u>5</u>		
48	Loop Detector Amplifier Complete installed as per plans & specifications	EA	20		
49	Preemption Device, complete incl. installation as per plans and specifications	EA	2		
50	Junction Box, JB - R1, Complete in place as per plans and specifications	EA	5		
51	Junction Box, JB - R2 (at Cabinet), Complete in place as per plans and specifications	EA	1		
52	<b><u>Install TOWN SUPPLIED</u></b> Signal Pole - One 70' & One 75' Mast Arm, including loading/transportation from Town facility to job site, complete as per plans and specifications	EA	2		
53	<b><u>Install TOWN SUPPLIED</u></b> Signal Pedestal Pole, including loading/transportation from Town facility to job site, complete as per plans and specifications	EA	2		
54	Traffic Signal head Section 12" LED, Complete as per plans and specifications	EA	23		
<u>55</u>	<b>Install / Remove - Temp Right Turn 5 section to mast arm for EB turn lane, to be maintained for the duration of construction, Complete in place including Installation and Removal.</b>	<u>EA</u>	<u>1</u>		
56	Concrete Foundation Signal Pole, Incl. excavation, backfill and all incidentals	EA	2		
57	Concrete Foundation pedestal Pole, Incl. excavation, backfill and all incidentals	EA	2		
58	Replace Existing Controller Cabinet with New <b><u>TOWN SUPPLIED CONTROLLER</u></b> and install UPS & wiring including loading/transportation from Town facility to job site, complete with Concrete Foundation in Accordance with Plans General Notes Concrete Foundation in Accordance with Plans General Notes	LS	1		

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Item	Description	UOM	QTY	Unit Rate	Amount
<b>59</b>	<b>Provide Power Source SE-5 (Meter / Disconnect Switch), complete as per plans and specifications</b>	<b>LS</b>	<b>1</b>		
60	Remove and Salvage Existing Signal Equipment as Shown	LS	1		
61	Remove and Salvage Existing Cabinet Equipment as Shown	LS	1		
62	Remove Existing Conductor Cables (14/2C(S))	LS	1		
63	Remove Existing Conductor Cables (14/4C)	LS	1		
64	Replace Existing Sign ES-2 to a Mast Arm Mounted Sign S-2 "Route 15 Bypass" (9' 6" x 18"), Complete incl. installation	EA	1		
65	Replace Existing Sign ES-5 to a Mast Arm Mounted Sign S-5 R10-12 (30"x36"), Complete incl. installation	EA	1		
66	Mast Arm Mounted Sign S-4 R3-5(R) (36"X36"), Diamond Grade - prismatic Lens, Reflective Sheeting, Complete incl. installation	EA	2		
67	Mast Arm Mounted Sign S-6 R10-11c (30"X42"), Diamond Grade - prismatic Lens, Reflective Sheeting, Complete incl. installation	EA	1		
68	Saw Cut Asphalt for Loop Detectors	LF	2700		
	<b>Subtotal Traffic Signal</b>				
	<b>Pavement Marking / Signs</b>				
69	Single Solid 5" White line Type B CL VI	LF	2350		
70	Single Dashed 5" White Line Type B CL VI (10' long, 30' Skips)	LF	200		
71	Single Dashed 5" White Line Type B CL VI (2' long, 4' space)	LF	230		
72	Single Dashed / Dotted 5" White Line Type B CL VI (3' long, 9' space)	LF	80		

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Item	Description	UOM	QTY	Unit Rate	Amount
73	24" Wide White Line (Stop Bar) Type B CL I	LF	390		
74	Single Solid 5" Yellow Line Type B CL VI	LF	950		
75	Wide Diagonal Yellow Line 2' @ 45 degree with 20' space.	LF	30		
76	Pavement Message Mark "Elongated Arrow"	EA	21		
77	Pavement Message Mark "ONLY" Solid White 6' Long Type B CL I	EA	8		
78	Eradicate Existing Pavement Marking "ONLY"	EA	1		
79	Eradicate Existing Pavement Marking "Elongated Arrow"	EA	2		
80	Sign R3-1 (36"x36"), Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post (per DCSM TS-5)	EA	2		
81	Sign R6-1(R) (36"x12") Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post (per DCSM TS-5)	EA	2		
82	Sign R4-7 (24"x30") Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post (per DCSM TS-5)	EA	2		
83	Sign R4-7c (18"x30") Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post (per DCSM TS-5)	EA	1		
84	Sign R10-11c (30"x42"), Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete Installed on Signal Post	EA	2		
85	Modified R3-8(R) (30"x30"), Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post (per DCSM TS-5)	EA	1		
86	Special "DMV" Sign & M6-1 Sign, Diamond Grade - Prismatic Lens, Reflective Sheeting, Complete incl. 2x2, 14 Gauge Galv Steel Post	EA	1		
87	Relocate "DMV" Sign & M6-1 Sign, Complete incl. 2x2, Post	EA	1		

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Item	Description	UOM	QTY	Unit Rate	Amount
88	Relocate R8-3a Sign, Complete incl. 2x2, Post	EA	2		
89	Relocate R4-7 Sign, Complete incl. 2x2, Post	EA	2		
90	Relocate "Recycling Center" Sign & M6-1 Sign, Complete incl. 2x2, Post	EA	1		
91	Relocate Sign R2-1 (30"X36") Complete incl. 2x2, Post	EA	1		
	<b>Subtotal Pavement Marking / Signs</b>				
	<b>Maintenance of Traffic (MOT)</b>				
92	Short Term Traffic Control	HR	400		
93	MOT Phase I Stage I including but not limited to: (100 EA) Group II Channelization Devices, (100 EA) Cones, (2 EA) Arrow Boards, (4 EA) W21-4 "Road Work Ahead", (2 EA) W9-3 Center lane Closed, (3 EA) R4-9 "Stay In lane" 60"X48", (4 EA) G20-2a "End Road Work", (1 EA) W1-4CL.	LS	1		
94	MOT Phase I Stage II including but not limited to: 370 LF Concrete Barrier, (20 EA) Group II Channelization Devices, (1 EA) Impact Attenuator type 1-A or approved equivalent, (2 EA) W21-4 "Road Work Ahead", (1 EA) VW-28 Right Shoulder Closed Ahead, (2 EA) G20-2a "End Road Work", (4 EA) Type III Barricade, (650 LF) Single Solid 4" White line Type D CL I or II, (100 LF) Single Dashed 4" White Line Type D CL I or II (10' long, 30' Skips), (100 LF) Single Dashed 4" White Line Type D CL I or II (2' long, 4' space), (40 LF) Single Dashed 4" White Line Type D CL I or II (3' long, 9' space)	LS	1		

Item	Description	UOM	QTY	Unit Rate	Amount
95	MOT Phase II including but not limited to: (40 EA) Group II Channelization Devices, (2 EA) W21-4 "Road Work Ahead", (1 EA) VW-28 Right Shoulder Closed Ahead, (2 EA) G20-2a "End Road Work", (4 EA) Type III Barricade, (1530 LF) Single Solid 4" White line Type D CL I or II, (100 LF) Single Dashed 4" White Line Type D CL I or II (10' long, 30' Skips), (100 LF) Single Dashed 4" White Line Type D CL I or II (2' long, 4' space), (420 LF) Single Solid 4" Yellow Line Type D CL I or II, (4 EA) Elongated Arrow, (3) Signs as per plan	LS	1		
96	Group II Channelization Devices	EA	20		
97	Arrow Board	HR	150		
98	Portable Message Board	HR	750		
99	Repair / Replace Temporary Impact Attenuator Type 1-A or approved equivalent	EA	1		
	<b>Subtotal Maintenance of Traffic (MOT)</b>				
	<b>Pavement</b>				
100	Full Depth Pavement, complete including 14" 21-A Agg. Base, 6" Asphalt BM-25, 3" IM-19.0 & 1.5" SM-9.5D	SY	1000		
101	Full Depth Pavement, complete including 5.5" 21-B Agg. Base, 9" Asphalt BM-25, 2" IM-19.0 & 1.5" SM-9.5D	SY	1000		
102	8' Shoulder Complete Including Excavation and 1.5" SM-9.5D + 3" IM-19.0 + 20" 21-A Agg. Base	SY	300		
103	Milling of Asphalt Pavement, variable depth to provide a min. 1 1/2" asphalt overlay	SY	5500		
104	Surface Asphalt Mix SM-9.5D	TN	1320		
105	Median Strip MS-1A, Complete in place incl. excavation, stone base & Backfill	SY	155		
106	Curb & Gutter - CG6, Complete in place incl. excavation, stone under curb & backfill	LF	1100		
	<b>Subtotal Pavement</b>				

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Item	Description	UOM	QTY	Unit Rate	Amount
	<b>Earthwork</b>				
107	Unclassified Excavation to haul off-site	CY	450		
108	Undercut Unsuitable & Replace With Suitable Fill	CY	500		
109	Respread Topsoil	CY	130		
	<b>Subtotal Earthwork</b>				
	<b>TOTAL</b>				

January 17, 2014

## **ESCROW OF RETAINED FUNDS**

In accordance with Section 2.2-4334 of the Virginia Public Procurement Act (VPPA), any Contract valued at \$200,000.00 or more for construction of highways, roads, streets, bridges, parking lots, demolition, clearing, grading, excavating, paving, pile driving miscellaneous drainage structures, and the installation of water, gas, sewer lines and pumping stations where portions of the Contract price are to be retained, at the time of submitting a bid, the CONTRACTOR shall have the option to indicate preference for using the escrow account procedure for utilization of the Town retained funds by so indicating in the space provided in the proposal documents. In the event the successful Contract elects to use the escrow account procedure, the "Escrow Agreement" included in the Contract documents shall be executed and submitted to the Director, Department of Capital Projects Management within 15 days after receipt of the Notice to Award. If the "Escrow Agreement" form is not submitted, the CONTRACTOR shall forfeit his rights to the use of the escrow account procedure within the 15-day period.

In order to have retained funds paid to an escrow agent, the CONTRACTOR, the escrow agent, and the surety shall execute the "Escrow Agreement" furnished by the TOWN, and submit same to the Department of Capital Projects Management for approval. The CONTRACTOR's escrow agent shall be a trust company, approved bank or savings and loan institution with its principal office located in the Commonwealth of Virginia. The "Escrow Agreement" shall contain the complete address of the escrow agent and surety, and the executed "Escrow Agreement" will be authority for the TOWN to make payment of retained funds to the escrow agent. After approving the agreement, the TOWN will pay to the escrow agent the funds retained as provided herein, except that funds retained for lack of progress or other deficiencies on the part of the CONTRACTOR will not be paid to the escrow agent. The escrow agent may, in accordance with the stipulations contained in the "Escrow Agreement", invest the funds paid into the escrow account and pay earnings on such investments to the CONTRACTOR, or release the funds to the CONTRACTOR, provided such funds are fully secured by approved securities.

Retained funds invested, and securities held as collateral for retainage may be released only as and when directed by the Director, Department of Capital Projects Management. When the final estimate is released for payment, the Director, Department of Capital Projects Management will direct the escrow agent to settle the escrow amount by paying the CONTRACTOR or the TOWN monies due them as determined by the Director, Department of Capital Projects Management. The TOWN reserves the right to recall retained funds and to release same to the surety upon receipt of written request from the CONTRACTOR or in the event of default.

- We elect to use the escrow account procedure for the deposit of retained funds.
  
- We elect not to use the escrow account procedure for the deposit of retained funds.

**END OF SECTION**

January 17, 2014