



# Price Proposal

## A DESIGN-BUILD PROJECT

### Gloucester Parkway Extension

From: Loudoun County Parkway

To: Pacific Boulevard

*Loudoun County, Virginia*

State Project No.: 2150-053-052

Contract ID No.: C00104418DB68

Date: January 27, 2014



#### Identification of Existing and Proposed Utilities in Construction Area

- A 24" Loudoun Water Pipe
- B 10" Loudoun Water Pipe
- C 2" Existing Gas Pipe
- D 8" Sewer Pipe
- E Verizon Cable Line
- F Proposed 72" Sanitary Sewer
- G Dulles Interceptor 54"
- H Reclaimed Water
- I Existing Gas Lines
- J Existing Sewer



**ATTACHMENT 4.0.1.2**

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: Gloucester Parkway Extension  
Contract ID Number: C00104418DB68**

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➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and Proposal Price in both numbers and words (Attachment 4.3.1)**
  - Schedule of Items in accordance with Part 1, Section 4.3.2, including material quantities and costs of each proposed pay item that makes up the total Proposal Price (Attachment 4.3.2)**
  - Proposed Monthly payment schedule showing the anticipated monthly earnings schedule on which funds will be required in accordance with Part 1, Section 4.8.4-4.3.3**
  - Price Adjustment Information and Forms for Fuel, Asphalt and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
  - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
  - Sworn Statement Forms (C-104, C-105, Attachments 4.3.6(a) and 4.3.6(b))**
  - DBE Requirements Forms (C-111, C-49 and C-112) as applicable (Attachments 4.3.7(a), 4.3.7(b) and 4.3.7(c))**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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## **4.3.1**

# **Price Proposal**

**ATTACHMENT 4.3.1**

**PRICE PROPOSAL FORM**

4.3.1 Offeror shall specify the pricing information for the items below, the dollars amount shall be in whole numbers:

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ 3,794,418.62
Mobilization (Construction), LS	\$ 1,650,000.00
Quality Assurance (QA) (Construction), LS	\$ 700,000.00
Quality Control (QC) (Construction), LS	\$ 1,300,000.00
Earthwork, LS	\$ 2,308,560.00
Roadway Incidentals, LS	\$ 600,889.00
Bridge (Structures), LS	\$16,025,841.13
Drainage (Structures), LS	\$ 1,543,451.75
Utilities, LS	\$ 1,050,000.00
Pavement, LS	\$ 1,941,207.50
Permanent Traffic Control/Signage, LS	\$ 1,241,045.00
Maintenance of Traffic, LS	\$ 250,387.00
All Others Costs, LS	\$ 382,200.00

Proposal Price; (Specify the Total Lump Sum price in both numbers and words, this price shall be equal to the total sum of the items listed above)

Lump Sum (LS): Thirty Two Million, Seven Hundred Ninety Four Thousand Dollars and No Cents (\$ 32,794,000.00)

Signature:  Date: 1/27/2014

Design-Builder: American Infrastructure-VA, Inc.

Vendor No.: G303

## **4.3.2**

### **Schedule of Items**

**Attachment 4.3.2**  
**State Project 2150-053-052**

**SCHEDULE OF ITEMS**

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 27-Jan-14

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	App Quantity	Unit <sup>1</sup>	Budgeted Cost (\$)
00104	NS DESIGN SERVICES		1	LS	\$ 3,794,418.62
00100	MOBILIZATION		1	LS	\$ 1,500,000.00
00101	CONSTRUCTION SURVEYING (CONSTR.)		1	LS	\$ 150,000.00
00107	NS QUALITY ASSURANCE		1	LS	\$ 700,000.00
00108	NS QUALITY CONTROL		1	LS	\$ 1,300,000.00
00110	CLEARING & GRUBBING		1	LS	\$ 400,000.00
14120	REMOVAL OF COMB. CURB & GUTTER		3330	LF	\$ 26,640.00
27430	SILTATION CONTROL EXCAVATION	F	1200	CY	\$ 31,200.00
27410	CHECK DAM, ROCK TY. I		22	EA	\$ 8,580.00
27415	CHECK DAM, ROCK TY. II		6	EA	\$ 1,440.00
27451	INLET PROTECTION, TYPE A		1	EA	\$ 330.00
27461	INLET PROTECTION, TYPE B		52	EA	\$ 13,520.00
27505	TEMP. SILT FENCE		7500	LF	\$ 17,250.00
27580	TEMP. SEDIMENT BASIN EXCAVATION		592	CY	\$ 7,104.00
00120	REGULAR EXCAVATION	F	21623	CY	\$ 908,166.00
00140	BORROW EXCAVATION	F	37015	CY	\$ 814,330.00
27012	TOPSOIL CLASS A 2"		4	AC	\$ 80,000.00
12030	STD. CURB CG-3		80	LF	\$ 1,280.00
12111	STD. MED. CURB MC-1		1355	LF	\$ 24,390.00
12700	STD. COMB. CURB & GUTTER CG-7		6865	LF	\$ 123,570.00
12710	RAD. COMB. CURB & GUTTER CG-7		735	LF	\$ 13,230.00
13108	CG-12 DETECTABLE WARNING SURFACE		15	SY	\$ 21,000.00
13220	HYDR. CEMENT CONC. SIDEWALK 4"		2005	SY	\$ 64,160.00
21020	MEDIAN STRIP MS-1		985	SY	\$ 83,725.00
21110	MEDIAN STRIP MS-1A		567	SY	\$ 48,195.00
21215	MEDIAN STRIP MS-2		3215	LF	\$ 99,665.00
13320	GUARDRAIL GR-2		570	LF	\$ 12,540.00
13345	ALTERNATE BREAKAWAY CABLE TERMINAL (GR-9)		4	EA	\$ 11,200.00
13349	GUARDRAIL TERMINAL SITE PREPARATION		4	EA	\$ 1,800.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		4	EA	\$ 10,800.00
22643	FENCE FE-CL		70	LF	\$ 1,750.00
24602	NS REMOVE EXIST CHAIN LINK FENCE		70	LF	\$ 910.00
25004	HANDRAIL HR-1 TYPE III		630	LF	\$ 63,000.00
27102	REGULAR SEED		419	LB	\$ 2,933.00
27103	OVERSEEDING		262	LB	\$ 1,834.00
27104	LEGUME SEED		370	LB	\$ 2,590.00
27105	LEGUME OVERSEEDING		231	LB	\$ 1,617.00
27215	FERTILIZER (15-30-15)		1	TON	\$ 2,400.00
27250	LIME		13	TON	\$ 14,300.00
60404	CONCRETE CLASS A4	F	3210.93	CY	\$ 2,247,651.00
60450	CONCRETE CLASS A4 BRIDGE APPR. SLAB		137.97	CY	\$ 68,985.00
60452	REINF. STEEL BRIDGE APPROACH SALB		20696	LB	\$ 25,870.00
60490	BRIDGE DECK GROOVING		6768	SY	\$ 20,304.00
61255	PRESTRESSED CONCRETE BULB-T 69" DEPTH + 100' - 110		33	EA	\$ 1,353,000.00
61257	PRESTRESSED CONCRETE BULB-T 69" DEPTH + 120' - 130		64	EA	\$ 2,240,000.00
61713	CORROSION RESISTANT REINFORCING STEEL, CLASS I		722460	LB	\$ 1,733,904.00
62041	RAILING, BR27C, 1 RAIL		2209	LF	\$ 497,025.00
62044	RAILING, BR27C, 4 RAILS		2209	LF	\$ 773,150.00

62402	TOOTH EXPANSION JOINT		192	LF	\$	384,000.00
NS	PEDESTRIAN FENCE 4'		2261	LF	\$	395,675.00
NS	MSE WALLS (RETAINING STRUCTURE)		4125	SF	\$	371,250.00
NS	24" DRILLED SHAFT (SOIL)		1367	LF	\$	232,390.00
NS	24" DRILLED SHAFT (ROCK)		1220	LF	\$	366,000.00
NS	24" DRILLED SHAFT (FORMED)		170	LF	\$	54,400.00
NS	48" DRILLED SHAFT (SOIL)		222	LF	\$	62,160.00
NS	48" DRILLED SHAFT (ROCK)		240	LF	\$	204,000.00
NS	48" TRIAL SHAFT		2	EA	\$	700,000.00
66923	BRIDGE SUBSTR. REINF. STEEL DRILLED SHAFT		80977	LB	\$	105,270.10
66924	CROSSHOLE SONIC LOGGING		26	EA	\$	67,600.00
64005	SELECT MATERIAL		3454	TN	\$	127,798.00
64011	STRUCTURE EXCAVATION	F	2264	CY	\$	72,448.00
64032	GEOCOMPOSITE WALL DRAIN		248.55	SY	\$	4,349.63
64036	PIPE UNDERDRAIN 6"		206	LF	\$	1,606.80
65013	CONCRETE CLASS A3	F	2969.74	CY	\$	1,930,331.00
65200	REINFORCING STEEL		461627	LB	\$	553,952.40
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		42548	LB	\$	102,115.20
66740	DRY RIP RAP CLASS I 26" DEEP***		821	TN	\$	70,606.00
67400	DECK DRAINAGE SYSTEM		1	LS	\$	35,000.00
25574	CONTRACT NBIS ACCESS, UNDER BRIDGE INSPECTION		6	DAY	\$	21,000.00
67260	BRIDGE ELECTRICAL CONDUIT SYSTEM		1	LS	\$	35,000.00
NS	BRIDGE SIGNAL INTERCONNECT CONDUIT SYSTEM		1	LS	\$	19,000.00
67904	CONSTRUCTION ACCESS		1	LS	\$	1,150,000.00
00525	CONCRETE CLASS A3 MISC.	F	66	CY	\$	23,100.00
00529	FLOWABLE BACKFILL		14	CY	\$	5,320.00
00585	UNDERDRAIN UD-2		1973	LF	\$	86,812.00
00588	UNDERDRAIN UD-4		6675	LF	\$	46,725.00
00590	COMB. UNDERDRAIN CD-1		256	LF	\$	3,840.00
00591	COMB. UNDERDRAIN CD-2		551	LF	\$	8,265.00
00595	OUTLET PIPE		228	LF	\$	10,260.00
00596	ENDWALL EW-12		3	EA	\$	3,300.00
00700	POST INSTALLATION INSPECTION		4243	LF	\$	13,789.75
01156	STORM SEWER PIPE 15"		2630	LF	\$	315,600.00
01186	STORM SEWER PIPE 18"		390	LF	\$	54,600.00
01216	STORM SEWER PIPE 21"		385	LF	\$	46,200.00
01246	STORM SEWER PIPE 24"		175	LF	\$	28,000.00
01306	STORM SEWER PIPE 30"		120	LF	\$	18,000.00
01366	STORM SEWER PIPE 36"		330	LF	\$	66,000.00
01362	36" CONC. PIPE		213	LF	\$	48,990.00
06151	15" END SECTION ES-1		5	EA	\$	4,100.00
06361	36" END SECTION ES-1		2	EA	\$	4,400.00
06818	DROP INLET DI-3B, L=6'		2	EA	\$	12,800.00
06819	DROP INLET DI-3B, L=8'		20	EA	\$	122,000.00
06820	DROP INLET DI-3B, L=10'		10	EA	\$	61,000.00
06821	DROP INLET DI-3B, L=12'		6	EA	\$	39,000.00
06822	DROP INLET DI-3B, L=14'		1	EA	\$	7,000.00
06839	DROP INLET DI-3C, L=14'		3	EA	\$	21,000.00
06840	DROP INLET DI-3C, L=16'		3	EA	\$	27,300.00
06842	DROP INLET DI-3C, L=20'		1	EA	\$	9,800.00
07112	DROP INLET DI-4B, L=8'		1	EA	\$	8,100.00
07114	DROP INLET DI-4B, L=10'		1	EA	\$	8,400.00
07506	DROP INLET DI-5		1	EA	\$	5,000.00
09056	MANHOLE MH-1 OR 2		4	LF	\$	5,200.00
09057	FRAME & COVER MH-1		1	EA	\$	480.00
27548	NS STORM WATER MANAGEMENT STRUCTURES		9	EA	\$	405,000.00
27550	STORM WATER MANAGEMENT DRAINAGE STR		8	LF	\$	16,800.00
09148	EROS. CONTR. STONE CL. A1, EC-1		23	TON	\$	3,220.00
09150	EROS. CONTR. STONE CL. I, EC-1	F	27	TON	\$	4,050.00

00106	NS UTILITIES		1	LS	\$	1,050,000.00
11070	NS SAW CUT ASPH CONC		6889	LF	\$	24,111.50
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	F	24475	SY	\$	48,950.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)	F	3128	SY	\$	28,152.00
10128	AGGR. BASE MATL. TY. I NO. 21B	F	17647	TON	\$	564,704.00
10017	CEM. S. AGR. BAS. MATL. TY. I N. 21A	F	327	TON	\$	21,582.00
10635	ASPHALT CONCRETE TY. SM-9.5A	F, P	572	TON	\$	46,904.00
10636	ASPHALT CONCRETE TY. SM-9.5D	F, P	4322	TON	\$	289,574.00
10642	ASPHALT CONCRETE TY. BM-25.0A	F, P	9889	TON	\$	692,230.00
10610	ASPHALT CONCRETE TY. IM-19.0A	F, P	3000	TON	\$	225,000.00
54075	TY. B CL. VI PAVE. LINE MARK. 4"		40452	LF	\$	121,356.00
54077	TY. B CL. VI PAVE. LINE MARK. 8"		2762	LF	\$	13,810.00
54078	TY. B CL. VI PAVE. LINE MARK. 24"		1871	LF	\$	29,936.00
54079	TY. B CL. VI PAVE. LINE MARK. 4" CONT		7478	LF	\$	48,607.00
54300	PAVE. MESS. MARK. ELONG. ARROW SIN		99	EA	\$	12,870.00
54217	SNOW PLOW. RAISED PAVE. MARKER ASPH. CONC.		425	EA	\$	12,325.00
54218	SNOW PLOW. RAISED PAVE. MARKER HYD. CONC.		35	EA	\$	2,555.00
50108	SIGN PANEL		3440	SF	\$	116,960.00
50110	OVERLAY SIGN PANEL		182	SF	\$	6,006.00
50414	SIGN POST STEEL 14"		95	LF	\$	9,310.00
50900	NS SQUARE TUBE POST (VARIOUS SIZES)		600	LF	\$	39,000.00
50490	CONCRETE FOUNDATION STP-1		51	EA	\$	19,890.00
50526	CONC. FOUND. SSP-VI A 3'-0" DIA. X 6'-6"		4	EA	\$	8,000.00
50605	NS REMOVE EXISTING SIGN		9	EA	\$	1,800.00
50766	NS RELOCATE EXISTING SIGN		6	EA	\$	1,200.00
51137	INSTALL CONTROLLER		2	EA	\$	4,200.00
51160	ELEC. SERV. GROUNDING ELECTODE (10')		14	EA	\$	2,100.00
51170	ELECTRICAL SERVICE SE-5		2	EA	\$	7,800.00
51184	TRAF. SIG. HEAD SEC 12" LED		144	EA	\$	37,440.00
51198	PEDESTRIAN ACTUATION PA-2		16	EA	\$	2,240.00
51210	PEDESTAL POLE PF-2 10'		4	EA	\$	2,400.00
51238	CONC. FOUND. SIGNAL POLE PF-8		140	CY	\$	182,000.00
51240	CONCRETE FOUNDATION PF-2		4	EA	\$	2,880.00
51247	CONCRETE FOUND. CF-3		2	EA	\$	3,600.00
51425	NS SIG. POLE MP-1 20' ONE ARM 78'		8	EA	\$	153,600.00
51540	LOOP DETECTOR AMPLIFIER		48	EA	\$	13,440.00
51600	14/2 CONDUCTOR CABLE		3600	LF	\$	4,680.00
51607	14/7 CONDUCTOR CABLE		11500	LF	\$	23,000.00
51615	14/1 ENCLOSED COND. CABLE		10000	LF	\$	13,000.00
51700	14/2 CONDUCTOR CABLE SHIELDED		16000	LF	\$	20,800.00
51830	HANGER ASSEMBLY SM-3, ONE WAY		40	EA	\$	8,000.00
51838	HANGER ASSEMBLY SMB-3, ONE WAY		18	EA	\$	2,700.00
51912	SAWCUT 3/8"		2600	LF	\$	20,800.00
51913	SAWCUT 5/8"		1100	LF	\$	9,900.00
52000	NS UNINTERRUPTABLE POWER SUPPLY		2	EA	\$	5,000.00
52000	NS UNINTERRUPTABLE POWER SUPPLY BATTERY		12	EA	\$	3,360.00
52000	NS UNINTERRUPTABLE POWER SUPPLY CABINET TYPE B		2	EA	\$	6,000.00
52404	PEDESTRIAN SIGNAL HEAD SP-9		16	EA	\$	9,280.00
55060	6 CONDUCTOR CABLE		4500	LF	\$	6,750.00
55586	JUNCTION BOX JB-S1		14	EA	\$	15,400.00
55587	JUNCTION BOX JB-S2		40	EA	\$	48,000.00
55588	JUNCTION BOX JB-S3		2	EA	\$	2,600.00
56022	1" METAL CONDUIT		200	LF	\$	3,400.00
56026	1 1/4" METAL CONDUIT		100	LF	\$	1,050.00
56050	BORED CONDUIT 2" (INCLUDES 2" CONDUIT)		700	LF	\$	26,600.00
56052	BORED CONDUIT 4" (INCLUDES 4" CONDUIT)		1000	LF	\$	54,000.00
56053	2" PVC CONDUIT		500	LF	\$	6,750.00
56054	3" PVC CONDUIT		2200	LF	\$	31,900.00
56055	4" PVC CONDUIT		500	LF	\$	7,750.00

56200	TRENCH EXCAVATION ECI-1		3000	LF	\$	39,000.00
56205	TEST BORE		8	EA	\$	16,000.00
24100	ALLAYING DUST		264	HR	\$	23,496.00
24152	TYPE III BARRICADE 8'		28	EA	\$	6,440.00
24160	CONSTRUCTION SIGNS		1412	SF	\$	46,596.00
24278	GROUP 2 CHANNELIZING DEVICES		75900	DAY	\$	53,130.00
24279	PORT. CHANGEABLE MESS. SIGN		14784	HR	\$	52,483.20
24281	ELECTRONIC ARROW		4032	HR	\$	10,080.00
24282	FLAGGER SERVICE		234	HR	\$	5,616.00
54105	ERAD. OF EXIST. PAVE. MARKING		25791	LF	\$	25,791.00
54106	ERAD. OF EXIST. NONLINEAR PAV. MARK		1800	SF	\$	9,720.00
54552	CONSTR. PAVE. MARK. (TY. F, CL. II) 4"		31660	LF	\$	15,830.00
54564	CONSTR. PAVE. MARK. (TY. F, CL. II) 24"		192	LF	\$	700.80
54424	CONSTR. P.M. TY. D ELONG. ARROW		12	EA	\$	504.00
25505	NS FIELD OFFICE TY. I, MOD.		24	MO	\$	67,200.00
70093	DESIGN BUILD ROW (ADMIN COSTS)		1	LS	\$	90,000.00
00105	NS ENVIRONMENTAL SERVICES		1	LS	\$	125,000.00
00105	NS PUBLIC RELATIONS		1	LS	\$	100,000.00

<sup>1</sup> Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

### **4.3.3**

## **Payment Schedule**

### 4.3.3 Proposed Monthly Payment Schedule

GLOUCESTER PARKWAY EXTENSION  
 State Project No. 2150-053-052  
 Contract ID # C00104418DB68

Description	Unit	Value	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15
Design Services	LS	\$3,794,418.62	\$189,720.93	\$569,162.79	\$569,162.79	\$379,441.86	\$379,441.86	\$379,441.86	\$189,720.93	\$189,720.93	\$189,720.93	\$189,720.93	\$189,720.93	\$189,720.93	\$189,720.93	
Mobilization	LS	\$1,650,000.00	\$825,000.00	\$825,000.00												
Quality Assurance (QA) (Construction)	LS	\$700,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$28,000.00	\$21,000.00
Quality Control (QC) (Construction)	LS	\$1,300,000.00													\$78,000.00	\$78,000.00
Earthwork	LS	\$2,308,560.00													\$115,428.00	\$115,428.00
Roadway Incidentals	LS	\$606,889.00														
Bridge (Structures)	LS	\$16,025,841.13													\$801,292.06	\$801,292.06
Drainage (Structures)	LS	\$1,543,451.75														
Utilities	LS	\$1,050,000.00							\$157,500.00	\$157,500.00	\$157,500.00	\$157,500.00	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00
Pavement	LS	\$1,941,207.50														
Permanent Traffic Control/Signage	LS	\$1,241,045.00														
Maintenance of Traffic	LS	\$250,387.00												\$25,038.70	\$12,519.35	\$12,519.35
All Others Costs	LS	\$382,200.00	\$57,330.00	\$57,330.00	\$38,220.00	\$38,220.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00	\$19,110.00
<b>Monthly Totals:</b>		\$32,794,000.00	\$1,100,050.93	\$1,479,492.79	\$635,382.79	\$445,661.86	\$426,551.86	\$426,551.86	\$394,330.93	\$394,330.93	\$394,330.93	\$394,330.93	\$341,830.93	\$366,869.63	\$1,349,070.34	\$1,152,349.41

### 4.3.3 Proposed Monthly Payment Schedule

GLOUCESTER PARKWAY EXTENSION  
 State Project No. 2150-053-052  
 Contract ID # C00104418DB68

May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$21,000.00	\$14,000.00	\$7,000.00
\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00	\$52,000.00	\$52,000.00	\$52,000.00	\$52,000.00
\$115,428.00	\$230,856.00	\$230,856.00	\$230,856.00	\$230,856.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	\$115,428.00	
\$30,344.45	\$30,344.45	\$60,688.90	\$60,688.90	\$60,688.90	\$60,688.90	\$60,688.90	\$60,688.90	\$30,344.45	\$30,344.45	\$30,344.45	\$30,344.45	\$30,344.45	\$30,344.45	\$30,344.45	
\$801,292.06	\$801,292.06	\$1,602,584.11	\$1,602,584.11	\$1,602,584.11	\$1,602,584.11	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	\$801,292.06	
\$77,172.59	\$77,172.59	\$154,345.18	\$154,345.18	\$154,345.18	\$154,345.18	\$154,345.18	\$154,345.18	\$154,345.18	\$154,345.18	\$77,172.59	\$77,172.59				
		\$291,181.13	\$291,181.13							\$291,181.13			\$485,301.88	\$485,301.88	\$97,060.38
		\$310,261.25	\$310,261.25											\$310,261.25	\$310,261.25
\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35	\$12,519.35
\$1,135,756.44	\$1,251,184.44	\$2,761,435.91	\$2,761,435.91	\$2,159,993.54	\$2,044,565.54	\$1,243,273.48	\$1,243,273.48	\$1,212,929.03	\$1,212,929.03	\$1,426,937.57	\$1,135,756.44	\$1,032,583.86	\$1,517,885.73	\$874,082.48	\$478,840.98

## **4.3.4**

# **Price Adjustments**

**PAY ITEMS AND ASSOCIATED QUANTITIES**

The associated quantities for the asphalt pricing adjustment and fuel adjustment provisions which American Infrastructure-VA, Inc. elects to use for **Gloucester Parkway Extension** design-build price proposal are as follows:

**6.3(a) Asphalt Price Adjustment**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY	UNIT
10610	ASPHALT CONCRETE TY. IM-19.0A	3000	TON
10635	ASPHALT CONCRETE TY. SM-9.5A	572	TON
10636	ASPHALT CONCRETE TY. SM-9.5D	4322	TON
10642	ASPHALT CONCRETE TY. BM-25.0A	9889	TON

**6.3(c) Fuel Price Adjustment**

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY	UNIT	FUEL FACTOR gal/unit
00120	REGULAR EXCAVATION	21623	CY	0.290
00140	BORROW EXCAVATION	37015	CY	0.290
00525	CONCRETE CLASS A3 MISC.	66	CY	1.892
09150	EROS. CONTR. STONE CL. I, EC-1	27	TON	0.600
10017	CEM. S. AGR. BAS. MATL. TY. I N. 21A	327	TON	0.600
10128	AGGR. BASE MATL. TY. I NO. 21B	17647	TON	0.600
10610	ASPHALT CONCRETE TY. IM-19.0A	3000	TON	3.500
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	24475	SY	0.071
10635	ASPHALT CONCRETE TY. SM-9.5A	572	TON	3.500
10636	ASPHALT CONCRETE TY. SM-9.5D	4322	TON	3.500
10642	ASPHALT CONCRETE TY. BM-25.0A	9889	TON	3.500
24430	DEMO. OF PAVEMENT (FLEXIBLE)	3128	SY	0.200
27430	SILTATION CONTROL EXCAVATION	1200	CY	0.290
60404	CONCRETE CLASS A4	3210.93	CY	1.892
64011	STRUCTURE EXCAVATION	2264	CY	0.290
65013	CONCRETE CLASS A3	2969.74	CY	1.892

**EXHIBIT 6.3(a)**  
**ADJUSTMENT FOR ASPHALT**

**SPECIAL PROVISION FOR**  
**ASPHALT MATERIAL PRICE ADJUSTMENT**  
**DESIGN-BUILD PROJECTS**

August 9, 2013

All asphalt material listed in the attached “Master Listing of Asphalt Material Items Eligible for Price Adjustment” will be adjusted in accordance with the provisions as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. Any item added through a Work Order which contains Asphalt Material will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Construction Division website on or about the first weekday of the following month.

This monthly statewide average price will be the Base Index for all contracts on which Price Proposals are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal\Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Calculations must be done for each type of Asphalt Material put in place each month, whether the Current Index is higher or lower than the Base Index. The calculation for the adjustment shall be shown as follows:

$$A = Q \times \%AC \times IC$$

Where: A = Asphalt Adjustment Dollar Amount

Q = Quantity of Asphalt Material put in place during the month

%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula

IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

*Example Calculation for Negative Price Adjustment (Credit back to VDOT):*

7,500 Tons of SM-12.5A put in place during the month (Q), Job Mix is 6.1% Asphalt Cement for SM-12.5A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$500/Ton, Difference of - \$15.00/Ton (IC)

$$7,500 \text{ Tons SM-12.5A} \times 6.1\% \times - \$15.00/\text{Ton} = - \$6,862.50 \text{ Adjustment Amount}$$

*Example Calculation for Positive Price Adjustment (Paid to the Design-Builder):*

10,000 Tons of BM-25.0A put in place during the month (Q), Job Mix is 5.2% Asphalt Cement for BM-25.0A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$560/Ton, Difference of + \$45.00/Ton (IC)

$$10,000 \text{ Tons BM-25.0A} \times 5.2\% \times \$45.00/\text{Ton} = + \$23,400.00 \text{ Adjustment Amount}$$

Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time. Items the Design-Builder claims in its application of payment for asphalt adjustments must include supporting calculations certified by the Quality Assurance Manager (QAM). These calculations must be completed relative to the calendar month under which the work was performed and shall be submitted for either positive or negative adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

VIRGINIA DEPARTMENT OF TRANSPORTATION  
**MASTER LISTING OF**  
**ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT**  
(10-27-09)

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	Ns Asphalt Concrete	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD
16146	Latex Mod. Emul. Treat. Rutfilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD

16325	NS Asphalt Concrete	Ton	N/A
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type li	Ton	ATTD
16504	Surf.Preparation & Restoration Type lii	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

**Exhibit 6.3(b)**

Form C-16a  
August 9, 2013

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
ASPHALT PRICE ADJUSTMENT (PG76-22 or PG 70-28)  
DESIGN-BUILD PROJECTS**

**INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items containing PG 76-22 or PG 70-28 is being utilized on the project.**

PROJECT NUMBER: 2150-053-052

DISTRICT:

Bid Prices in this contract for items containing PG 76-22 or PG 70-28 asphalt cement were developed using an f.o.b. price of \$ 566.25 per **IMPERIAL** ton for **PG 76-22 or PG 70-28**. This quote is project specific.

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 76-22 or PG 70-28 shall be maintained by the Design-Builder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

DATE: 01/10/14

SIGNATURE:  \_\_\_\_\_

Aaron T. Myers

American Infrastructure-VA, Inc.

(Firm or Corporation)

G303

(Vendor No.)

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**EXHIBIT 6.3 (c)  
ADJUSTMENT FOR FUEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
OPTIONAL ADJUSTMENT FOR FUEL  
DESIGN-BUILD PROJECTS**

June 30, 2011

In the event the Design-Builder elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link <http://www.virginia.gov/business/resources/masteroptionalfuelitems.pdf>. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department's master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Price Proposal will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)  
B = Base index price  
E = Current index price

Q = Quantity of individual units of work  
F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

I elect to use this provision

I elect not to use this provision

Date: 1/27/2014

Signature: 

Design-builder: American Infrastructure-VA, Inc.

Vendor No.: G303

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**EXHIBIT 6.3(d)  
ADJUSTMENT FOR STEEL**

**VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
PRICE ADJUSTMENT FOR STEEL  
DESIGN-BUILD PROJECTS**

June 30, 2011

In the event the Design-Builder elects to seek adjustment for steel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. If new pay items which involve steel are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Inventoried materials from the listing of eligible items are specifically excluded for consideration. In addition, concrete items where reinforcing steel is normally included in the unit bid price for the item such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

The requirements of this provision shall apply only to material cost changes that occur between the date of the opening of the Price Proposal and the date the material is shipped to the fabricator. To be eligible for this price adjustment, Design-Builder is required to fill out the accompanying Form for Price Adjustment for Eligible Steel Items on Design-Build Projects and submit the same with its Price Proposal for the Project. By signing the Form and submitting it with its Price Proposal Design-Builder declares its intention to participate in the price adjustment in its contract with the Department. For the purposes of this provision, the prices listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build projects are fixed for cost and adjustment calculations regardless of quantities incorporated into final design. Further, in order for steel items to be eligible for adjustment, once shipped to the fabricator, the items shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification.

Design-Builder shall upon request furnish documentation supporting the price per pound for eligible steel items as shown on the Form for Price Adjustment for Eligible Steel Items on Design-Build Projects furnished with its Price Proposal. Design-Builder must use the format as shown with this Form; no other format for presenting this information will be permitted. Design-Builder shall certify that all items of documentation are original and were used in the computation of the price per pound amount for the represented eligible pay items for the month the Price Proposal was opened. This documentation shall support the base line material price ("Base Price") of the steel item only. Base price per pound shall not include the following cost components: fabrication, shipping, storage, handling, and erection.

Failure to submit all documentation required or requested supporting the per pound prices on eligible steel items will result in Design-Builder being ineligible for a price adjustment of any or all steel items.

Price adjustment of each qualifying item under consideration will be subject to the following condition:

There is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

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The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific steel eligible item from the perspective of the seller of goods. The Master List table provided at the end of this provision indicates the Producers Price Index (PPI) steel category index items and the corresponding I.D. numbers to which VDOT items will be compared. **Please note:** The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

The price adjustment will be determined by computing the percentage of change in index value beyond 10 percent above or below the index on the date of opening of Design-Builder's Price Proposal to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

**Price increase/decrease will be computed as follows:**

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
  - B = Average weighted price of steel submitted in Design-Builder's Price Proposal for project in price per pound as listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build Project
  - P = Adjusted percentage change in PPI average from shipping date to date of opening of Price Proposal minus 10% (0.10) threshold
  - Q = Total quantity of steel in pounds shipped to fabricator for specific project

The need for application of the adjustments herein to extra work will be determined by the Engineer on an individual basis and, if appropriate, will be specified on the Work Order.

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress payment for work packages and will not be included in the total cost of work for determination of progress or for extension of contract time.

Upon Department review and due process consideration for redress by Design-Builder, any apparent evidence to unbalance the price supplied by Design-Builder in favor of items subject to price adjustment will result in ineligibility for Department participation under this provision.



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**Sample Calculation of a Price Adjustment (increase)**

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Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design Builder's \*f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound. \*free on board

Adjusted\*\* BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 139.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
- Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (161.1 - 139.6) / 139.6 - 0.10 = 0.054$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.054 \times 450,000$$

$$A = \$6,842.88 \text{ pay adjustment to Design-Builder}$$

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**Sample Calculation of a Price Adjustment (decrease)**

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Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design-Builder's \*f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound. \*free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 156.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
- Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (156.6 - 136.3)/156.6 - 0.10 = 0.030$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.030 \times 450,000$$

$$A = \$3,801.60 \text{ credit to Department}$$

**MASTER LISTING**

**STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT**

March 18, 2009

**BLS Series I. D.**

<b>ITEM NUMBER</b>	<b>ITEM DESCRIPTION</b>	<b>UNITS</b>	<b>Number WPU used in \$ adjust.</b>
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH.HYDR.CEM.CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13341	GUARDRAIL TER. GR-6(WEATHERING STEEL	LF	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
15290	PATCH.CEM.CONC.PAVE.TY.CRCP-A	SY	101704
15302	PATCH.CEM.CONC.PAVE. TY. II	SY	101704
15305	PATCH.CEM.CONC.PAVE.TY. IV-A	SY	101704
17323	GUARDRAIL BEAM *	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM *	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17353	CABLE GR-3	LF	avg. 1017 & 101
17521	GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17523	RADIAL GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17525	RUB RAIL (WEATHERING STEEL)	LF	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY.III	LF	avg. 1017 & 101
23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706

45572	18" STEEL ENCASE. PIPE	LF	101706
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASUREMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
50414	SIGN POST STEEL 14"	LF	101706
50416	SIGN POST STEEL 16"	LF	101706
50418	SIGN POST STEEL 18"	LF	101706
51317	SIG. POLE MP-1 20' ONE ARM 30'	EA	101706
51319	SIG. POLE MP-1 20' ONE ARM 32'	EA	101706
51325	SIG. POLE MP-1 20' ONE ARM 38'	EA	101706
51327	SIG. POLE MP-1 20' ONE ARM 40'	EA	101706
51329	SIG. POLE MP-1 20' ONE ARM 42'	EA	101706
51331	SIG. POLE MP-1 20' ONE ARM 44'	EA	101706
51337	SIG. POLE MP-1 20' ONE ARM 50'	EA	101706
51339	SIG. POLE MP-1 20' ONE ARM 52'	EA	101706
51341	SIG. POLE MP-1 20' ONE ARM 54'	EA	101706
51344	SIG. POLE MP-1 20' ONE ARM 56'	EA	101706
51346	SIG. POLE MP-1 20' ONE ARM 58'	EA	101706
51347	SIG. POLE MP-1 20' ONE ARM 60'	EA	101706
51348	SIG. POLE MP-1 20' ONE ARM 62'	EA	101706
51368	SIG.POLE MP-1 20'TWO ARMS 36'& 42'	EA	101706
51400	SIG.POLE MP-1 CO.LU.ONE ARM 38	EA	101706
51402	SIG.POLE MP-1 CO.LU.ONE ARM 40	EA	101706
51408	SIG.POLE MP-1 CO.LU.ONE ARM 46	EA	101706
51412	SIG.POLE MP-1 CO.LU.ONE ARM 50	EA	101706
51414	SIG.POLE MP-1 CO.LU.ONE ARM 52	EA	101706
51416	SIG.POLE MP-1 CO.LU.ONE ARM 54	EA	101706
51418	SIG.POLE MP-1 CO.LU.ONE ARM 56	EA	101706
51420	SIG.POLE MP-1 CO.LU.ONE ARM 58	EA	101706
51422	SIG.POLE MP-1 CO.LU.ONE ARM 60	EA	101706
55162	LIGHTING POLE LP-1 30'-4'	EA	101706
55163	LIGHTING POLE LP-1 30'-6'	EA	101706
55166	LIGHTING POLE LP-1 30'-12'	EA	101706
55169	LIGHTING POLE LP-1 35'-6'	EA	101706
55171	LIGHTING POLE LP-1 35'-10'	EA	101706
55176	LIGHTING POLE LP-1 40'-8'	EA	101706
55185	LIGHTING POLE LP-2 TYPE A	EA	101706
55186	LIGHTING POLE LP-2 TYPE B	EA	101706
55187	LIGHTING POLE LP-2 TYPE C	EA	101706
55188	LIGHTING POLE LP-2 TYPE D	EA	101706
55189	LIGHTING POLE LP-2 TYPE E	EA	101706
55190	LIGHTING POLE LP-2 TYPE F	EA	101706
55192	LIGHTING POLE LP-2 TYPE H	EA	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61705	EPOXY COATED REINF. STEEL	LB	101704
61750	STRUCT.STEEL HIGH STRG.PLT.GIRDERS	LB	avg. 1017 & 101
61811	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61812	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61813	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS50W	LB	avg. 1017 & 101

61814	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS70W	LB	avg. 1017 & 101
61820	STR.STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101
61821	STR.STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR.STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
65205	EPOXY COATED REINF. STEEL	LB	101704
67086	PED. FENCE 6'	LF	avg. 1017 & 101
67088	PED. FENCE 8'	LF	avg. 1017 & 101
67089	PED. FENCE 10'	LF	avg. 1017 & 101
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68105	EPOXY COATED REINF. STEEL	LB	101704
68107	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR.STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR.STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR.STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101
69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69105	EPOXY COATED REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

I elect to use this provision

I elect not to use this provision

Date: 1/27/2014

Signature: 

Design-Builder: American Infrastructure-VA, Inc.

Vendor No.: G303

**C-24**

**Guaranty**

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE AMERICAN INFRASTRUCTURE-VA, INC. As  
principal, and \_\_\_\_\_ (\*) \_\_\_\_\_ Surety, are held and firmly bound unto the  
Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE  
BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we  
bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly  
by these presents.

SIGNED, sealed and dated this 27th Day of January, 20 14

WHEREAS, the above said principal is herewith submitting its proposal for:

PROJECT NUMBER: 2150-053-052 Contract ID: C00104418DB68  
Gloucester Parkway Extension, a Design-Build Project

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be  
awarded the contract upon said proposal and shall within the time specified in the Specifications after the  
notice of such award enter into a contract and give bond for the faithful performance of the contract, then this  
obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will  
pay unto the obligee the difference in money between the amount of the bid of the said principal and the  
amount for which the obligee may legally contract with another party to perform the said work if the latter  
amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

AMERICAN INFRASTRUCTURE-VA, INC.  
(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

Aaron T. Myers, Vice President/General Manager  
(Principal\*)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

By: \_\_\_\_\_  
(Officer, Partner or Owner) (Seal)

FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
(Surety Company)

By: \_\_\_\_\_  
(Attorney-In-Fact\*\*) (Seal)  
Julia R. Burnet, Attorney-in-Fact  
600 Red Brook Blvd, 4th Floor  
Owings Mills, MD 21117

ZURICH AMERICAN INSURANCE COMPANY  
(Address)  
By: \_\_\_\_\_  
(Surety Company)

Julia R. Burnet, Attorney-in-Fact  
(Attorney-In-Fact\*\*) (Seal)  
1400 American Lane  
Schaumburg, IL 60196-1056  
(Address)

\*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than  
one surety to the bid bond, each surety must be named and execution shall be made by same hereon.  
Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic  
Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been  
executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid  
bond as shown above.

Electronic Bid Bond ID# \_\_\_\_\_ Company/Bidder Name \_\_\_\_\_ Signature and Title \_\_\_\_\_

\*\*Attach copy of Power of Attorney

(\*) FIDELITY AND DEPOSIT COMPANY OF MARYLAND and ZURICH AMERICAN INSURANCE COMPANY

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND  
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **GEOFFREY DELISIO, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Harry C. ROSENBERG, David C. ROSENBERG, Matthew J. ROSENBERG, Christine A. DUNN, Denise M. BRUNO, Julia R. BURNET, Kimberly G. RIVELY, Michelle G. HIGGINS, Joyce M. HOFFMAN and Jonathan F. BLACK, all of King of Prussia, Pennsylvania, EACH** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 7th day of February, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY  
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



*Gerald F. Haley*

By: \_\_\_\_\_  
Assistant Secretary  
Gerald F. Haley

*Geoffrey Delisio*

\_\_\_\_\_  
Vice President  
Geoffrey Delisio

State of Maryland  
City of Baltimore

On this 7th day of February, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **GEOFFREY DELISIO, Vice President, and GERALD F. HALEY, Assistant Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposed and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

*Maria D. Adamski*

\_\_\_\_\_  
Maria D. Adamski, Notary Public  
My Commission Expires: July 8, 2015



**EXTRACT FROM BY-LAWS OF THE COMPANIES**

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

**CERTIFICATE**

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 27th day of January, 2014.



*James M. Carroll*

James M. Carroll, Vice President

## **4.3.6**

# **Sworn Statements**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 2150-053-052

FHWA:

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

**STATEMENT.** In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

**AFFIDAVIT**

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Henrico (Glen Allen), Virginia, this 10th day of January, 20 14  
County (City), STATE  
American Infrastructure-VA, Inc. By: [Signature] VICE PRESIDENT / GM  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Henrico (Glen Allen)

To-wit: I Madelyn Ruth Treadwell, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Aaron T. Myers

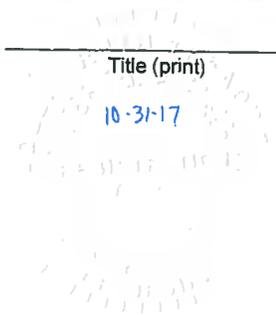
personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 10th day of January, 20 14  
Madelyn Ruth Treadwell My Commission expires October 31, 2017  
Notary Public

**OR  
UNSWORN DECLARATION**

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_  
County (City), STATE  
(Name of Firm) By: \_\_\_\_\_ (Signature) \_\_\_\_\_ (Title (print))



**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
AFFIDAVIT**

PROJECT: 2150-053-052, UPC No.: 104418

FHWA:

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
N/A	
_____	_____
_____	_____
_____	_____

2. I (we) have , have not , participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have , have not , filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

**Note:** The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:  
CONTRACT ID. NO.:

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
  - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Henrico (Glen Allen), Virginia , this 10<sup>th</sup> day of January , 20 14  
County (City), STATE

American Infrastructure-VA, Inc.  
(Name of Firm)

By: [Signature] VICE PRESIDENT / GM  
(Signature) Title (print)

STATE of Virginia COUNTY (CITY) of Henrico (Glen Allen)

To-wit:

I Madelyn Ruth Treadwell , a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Aaron T. Myers

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 10th day of January , 20 14

Madelyn Ruth Treadwell  
Notary Public

My Commission expires October 31, 2017



## **4.3.7**

# **DBE Documentation**

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
MINIMUM DBE REQUIREMENTS

PROJECT NO. 2150-053-052

FHWA NO. \_\_\_\_\_

\*\*\* INSTRUCTIONS \*\*\*

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. PLEASE NOTE: THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

DBE REQUIREMENT 6.0 %  
PERCENT ATTAINED BY BIDDER 6.0 %

NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED	USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H)	TYPE OF WORK AND ITEM NO(S)	\$ AMOUNT OF ALLOWABLE CREDIT PER ITEM
<u>664569 C LS Trucking, LLC</u>	<u>(SP)</u>	<u>424720 - Liquid Asphalt Supply</u>	<u>\$ 183,250<sup>00</sup></u>
<u>626549 D+W Fence, Incorporated</u>	<u>(S)</u>	<u>238990 - Fence Installation</u>	<u>\$ 711,500<sup>00</sup></u>
<u>000251 Eastern Clearing, Inc.</u>	<u>(S)</u>	<u>238910 - Land Clearing</u>	<u>\$ 43,600<sup>00</sup></u>
<u>626263 Interlock Steel Workers, Inc.</u>	<u>(S)</u>	<u>238110 - Rebar Installation</u>	<u>\$ 378,000<sup>00</sup></u>
<u>DB2009-081-2016 Mark-Lang, Inc.</u>	<u>(S)</u>	<u>488490 - Lime Stabilization</u>	<u>\$ 243,500<sup>00</sup></u>
<u>626436 Tarras Concrete Company, Inc.</u>	<u>(S)</u>	<u>237310 - Incidental Concrete</u>	<u>\$ 407,850<sup>00</sup></u>
		TOTAL	<u>\$1,967,700<sup>00</sup></u>

TOTAL CONTRACT VALUE \$32,794,000<sup>00</sup> x REQUIRED DBE 6 % = \$1,967,640<sup>00</sup>

I/WE CERTIFY THAT THE PROPOSED DBE(S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT. I/WE WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

American Infrastructure-VA, Inc.  
BIDDER

BY Matthew J. Fox  
SIGNATURE

Purchasing Manager  
TITLE

BY January 27, 2014  
DATE

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT  
WITH  
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 2150-053-052, P101, R201, C501, B680, B681

Federal Project No.:

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed subcontract agreement shall be submitted to the Engineer within fourteen (14) business days after contract execution.

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Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER  
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure-VA, Inc

By: Matthew Moser  
Signature

Purchasing Manager  
Title  
Date: January 23, 2014

First Tier  
Subcontractor if  
Applicable

Superior Paving Corporation

By: Scott Short  
Signature

Marketing Rep  
Title  
Date: 1/23/14

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

DBE Contractor

C.L.S. Trucking LLC.  
By: Rebecca Snowyukla Signature \_\_\_\_\_ Title Manager  
Date: January 22, 2014

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT  
WITH  
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: **2150-053-052**

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**TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER  
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor American Infrastructure- VA, Inc.

By: Matthew J. Smith  
Signature

Purchasing Manager  
Title

Date: January 27, 2014

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_  
Signature

\_\_\_\_\_ Title

Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

D+W Fence Inc  
\_\_\_\_\_

By: CW Smith/Shroy  
Signature Title  
Date: 24 Jan 2014

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT  
WITH  
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: 2150-053-052

Federal Project No.:

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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor American Infrastructure - VA, Inc.

By:  Signature  
Title: Purchasing Manager  
Date: January 23, 2014

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_ Signature  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_  
By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

DBE Contractor

*Caster Clearing Inc.*  
\_\_\_\_\_  
By: *[Signature]* Signature *President* Title  
Date: *1/17/14*

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT  
WITH

DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.: **2150-053-052**

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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor American Infrastructure-VA, Inc.

By:  Signature Purchasing Manager Title  
Date: January 27, 2014

First Tier  
Subcontractor if  
Applicable

By: \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_  
Date: \_\_\_\_\_

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

INTERLOCK STEELWORKER'S INC.

By: J.B.  
Signature Title  
Date: 1-27-14

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION OF BINDING AGREEMENT**  
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor American Infrastructure-VA, Inc.

By: Matthew M. Smith Signature Purchasing Manager Title  
Date: January 27, 2014

First Tier  
Subcontractor if  
Applicable

Mark-Lang, Inc.

By: Kourtney Boswell Signature Kourtney Boswell Human Resources Title  
Date: 01/24/2014

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

Mark-Lang, Inc.

By: Kourtney Boswell  
Signature Title  
Date: 01/24/2014

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
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Prime Contractor American Infrastructure-VA, Inc.

By: Matthew Moxemut Signature Purchasing Manager Title  
Date: January 27, 2014

First Tier Subcontractor if Applicable TAVARES CONCRETE COMPANY, INC.

By: [Signature] Signature PRESIDENT Title  
Date: 1/20/2014

Second Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor if  
Applicable

\_\_\_\_\_

By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

TAVARES CONCRETE COMPANY, INC.

By:  \_\_\_\_\_  
Signature Title  
Date: 1/20/2014



**American Infrastructure**  
301 Concourse Blvd.  
Suite 300  
Glen Allen, VA 23059  
804-290-8500



**Whitman, Requardt & Associates, LLP**  
3701 Pender Drive  
Suite 450  
Fairfax, VA 22030  
703-293-9717

