



Price Proposal

A DESIGN-BUILD PROJECT

I-95 Southbound CD Lanes – Rappahannock River Crossing

From: Truslow Road

To: 1.29 Miles South of Exit 130

Stafford County/City of Fredericksburg, Virginia

State Project No.: 0095-111-259, P101, R201, C501; 0095-089-741
Federal Project No.: IM-5111(235)
Contract ID Number: C00101595DB94



December 19, 2017

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: I-95 Southbound CD Lanes – Rappahannock River Crossing
Project**

Contract ID Number: C00101595DB94

➤ **Contents of Price Proposal:**

- Base Scope, and Option #1 Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.8.1)**
 - Schedule of Items itemized for Base Scope, and Option #1 in accordance with Part 1, Section 4.8.2, including material quantities and costs of each proposed work package**
 - Proposed Monthly Payment Schedule for Base Scope, and Option #1 showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.8.3**
 - Price Adjustment Information and Forms for Fuel and Asphalt, for Base Scope, and Option #1 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 for the Base Scope, and Option #1**
 - Sworn Statement Forms (C-104, C-105, Attachments 4.8.6(a) and 4.8.6(b))**
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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Cost Breakdown Summary

ATTACHMENT 4.8.1

PRICE PROPOSAL FORM

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

Price Proposal Cost Breakdown Summary;

A. Base Scope

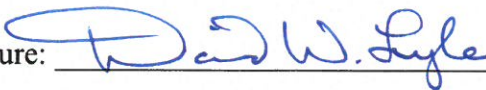
Design Services, LS	\$ 10,500,000.00
Construction Services (exclude QA/QC), LS	\$ 83,431,884.54
Quality Assurance (QA) (Construction), LS	\$ 2,901,000.00
Quality Control (QC) (Construction), LS	\$ 2,803,000.00
Base Scope - Subtotal	\$ 99,635,884.54

B. Option #1

<u>Design Services, LS</u>	<u>\$ 99,215.00</u>
<u>Construction Services (exclude QA/QC), LS</u>	<u>\$ 1,777,679.46</u>
<u>Quality Assurance (QA) (Construction), LS</u>	<u>\$ 49,000.00</u>
<u>Quality Control (QC) (Construction), LS</u>	<u>\$ 47,000.00</u>
<u>Option #1 - Subtotal</u>	<u>\$ 1,972,894.46</u>

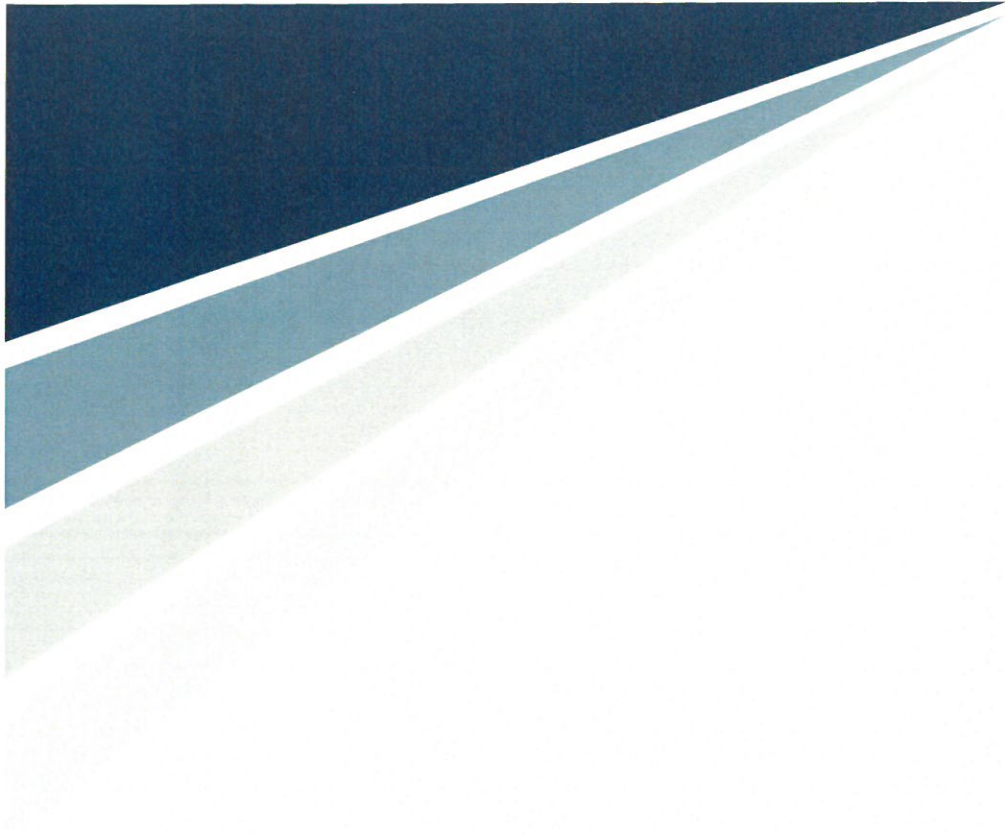
Total Proposal Price **(Base Scope Subtotal + Option #1 Subtotal)**; (Specify the Total Lump Sum price in both numbers and words, this price shall **equal** to the total sum of the items listed above)

Lump Sum (LS): One hundred one million six hundred eight thousand
seven hundred seventy-nine dollars and zero cents (\$ 101,608,779.00)

Signature:  Date: December 19, 2017

Design-Builder: Wagman Heavy Civil, Inc.

Vendor No.: W002



Schedule of Items Itemized

Attachment 4.8.2 (a)

State Project 0095-111-259, P101, R201, C501

**I-95 Southbound CD Lanes – Rappahannock River Crossing Project
BASE SCOPE SCHEDULE OF ITEMS (ver. 4-15-2014)**

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. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 12/19/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00100	MOBILIZATION		1	LS	5,000,000.00
00101	CONSTRUCTION SURVEYING (CONSTRUCTION)		1	LS	800,000.00
25505	FIELD OFFICE MOD TY.1		48	MO	120,000.00
85011	NS BONDS		1	LS	674,000.00
85011	ESCROW DOCUMENTS		1	LS	27,047.70
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	LS	10,500,000.00
00104	DESIGN BUILD - WETLAND & STREAM MITIGATION		1	LS	1,239,000.00
25596	DESIGN BUILD - SCOPE VALIDATION		1	LS	450,000.00
25593	DESIGN BUILD QC		1	LS	2,901,000.00
25593	DESIGN BUILD QA		1	LS	2,803,000.00
25596	DESIGN BUILD - UTILITIES		1	LS	793,750.00
25594	DESIGN BUILD COORDINATION		1	LS	665,269.00
25565	CPM SCHEDULING		1	LS	65,000.00
00110	CLEARING AND GRUBBING		1	LS	999,000.00
01120	REGULAR EXCAVATION	(F)	389,466	CY	6,309,349.20
00140	BORROW EXCAVATION	(F)	18,432	CY	405,504.00
85004	NS GROUND IMPROVEMENTS		7,976	CY	646,056.00
00212	MINOR STR. EXCAV. BOX CULVERT	(F)	305	CY	61,000.00
00128	EXTRA EXCAVATION (UNDERCUT DELETERIOUS)	(F)	4,649	CY	92,980.00
00128	EXTRA EXCAVATION (UNDERCUT WET MATERIAL)	(F)	27,279	CY	545,580.00
10027	NS SOIL MANIPULATION (1% LIME)		133,710	SY	200,565.00
00588	UNDERDRAIN UD-4		60,269	LF	452,017.50
00590	COMB. UNDERDRAIN CD-1 OR 2		901	LF	31,535.00
00595	OUTLET PIPE		4,020	LF	68,340.00
00596	ENDWALL EW-12		152	EA	68,400.00
00522	CONCRETE CLASS A4 BOX CULVERT	(F)	70	CY	122,500.00
00540	REINF STEEL		15,222	LB	22,833.00
00525	CONCRETE CLASS A3 MISC.	(F)	99	CY	89,100.00
00529	FLOWABLE BACKFILL		45	CY	10,125.00
01150	15" PIPE		5,026	LF	437,262.00
01180	18" PIPE		1,617	LF	245,784.00
01240	24" PIPE		1,323	LF	203,742.00
01300	30" PIPE		1,159	LF	180,804.00
01360	36" PIPE		719	LF	123,668.00
01420	42" PIPE		432	LF	94,176.00
01480	48" PIPE		93	LF	30,411.00
01540	54" PIPE		126	LF	42,210.00
06150	15" END SECTION ES-1 OR 2		25	EA	35,925.00
06180	18" END SECTION ES-1 OR 2		2	EA	3,186.00
06240	24" END SECTION ES-1 OR 2		3	EA	5,346.00
06360	36" END SECTION ES-1 OR 2		4	EA	12,772.00
06420	42" END SECTION ES-1 OR 2		1	EA	3,655.00
06484	54" END SECTION ES-1 OR 2		1	EA	10,115.00
07508	DROP INLET DI-7		7	EA	105,000.00
07510	DROP INLET DI-7A		13	EA	169,000.00

¹ 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...).

Attachment 4.8.2 (a)

State Project 0095-111-259, P101, R201, C501

**I-95 Southbound CD Lanes – Rappahannock River Crossing Project
BASE SCOPE SCHEDULE OF ITEMS (ver. 4-15-2014)**

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. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

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07512	DROP INLET DI-7B		8	EA	192,800.00
08190	DROP INLET DI-10H TY I, L = 10'		6	EA	57,000.00
08191	DROP INLET DI-10H TY. I, L=12'		1	EA	10,500.00
08192	DROP INLET DI-10H TY. I, L=14'		4	EA	44,000.00
08201	DROP INLET DI-10H TY. II, L=14'		2	EA	31,000.00
08271	DROP INLET DI-10K TY. III, L=6'		2	EA	18,000.00
08272	DROP INLET DI-10K TY. III, L=8'		6	EA	54,000.00
08263	DROP INLET DI-10K TY. II, L=10'		7	EA	80,500.00
08273	DROP INLET DI-10K TY. III, L=10'		19	EA	180,500.00
08264	DROP INLET DI-10K TY. II, L=12'		1	EA	11,000.00
08274	DROP INLET DI-10K TY. III, L-12'		23	EA	230,000.00
08265	DROP INLET DI-10K TY. II, L=14'		8	EA	112,000.00
08275	DROP INLET DI-10K TY. III, L=14'		4	EA	60,000.00
08302	DROP INLET DI-10L TY. III, L=10'		2	EA	19,000.00
08990	NS DROP INLET MODIFY INLETS		1	EA	12,750.00
09056	MANHOLE MH-1 OR 2		149	LF	152,725.00
09057	FRAME & COVER MH-1		14	EA	9,100.00
09150	EROS. CONTR. STONE CL. 1, EC-1		974	TON	89,608.00
09125	ENERGY DISSIPATOR EG-1		6	EA	6,000.00
09185	PAVED DITCH PG-2A		627	SY	48,906.00
09225	PAVED FLUME PG-4		33	SY	7,920.00
09215	PAVED DITCH PG-5		175	SY	18,200.00
00520	CULVERT REPAIRS		1	LS	100,000.00
02089	24" PIPE REPAIR		433	LF	151,550.00
02089	36" PIPE REPAIR		136	LF	64,600.00
02089	42" PIPE REPAIR		178	LF	102,350.00
10013	CEM.STAB.AGGR.MATL.NO.21A	(F)	78,572	TON	2,514,304.00
10062	ASPH.STAB. OPEN-GRADED MATERIAL	(F) & (P)	15,353	TON	1,166,828.00
10128	AGGR. BASE MATL. TY. I NO. 21B	(F)	29,439	TON	735,975.00
10611	ASPHALT CONC TY. IM-19.0D	(F) & (P)	43,736	TON	2,755,368.00
10642	ASPHALT CONC. BY. BM-25.0	(F) & (P)	58,757	TON	3,407,906.00
10609	ASPHALT CONC TY. SM-12.5E	(F) & (P)	42,650	TON	3,539,950.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	(F)	163,711	SY	818,555.00
11070	SAWCUT ASPH CONC FULL DEPTH		42,617	LF	255,702.00
24410	DEMO. OF PAVEMENT	(F)	86,075	SY	430,375.00
10700	RUMBLE STRIP, ASPHALT		62,490	LF	62,490.00
10701	LIQ. ASPH. COATING (RUMBLE STRIP)	(F) & (P)	11,595	SY	69,570.00
13460	MEDIAN BARRIER MB-7D		4,434	LF	354,720.00
13461	MEDIAN BARRIER MB-7E		3,181	LF	890,680.00
13462	MEDIAN BARRIER MB-7F		6,730	LF	605,700.00
13486	MEDIAN BARRIER MB-8A, TY. II		1,750	LF	402,500.00
13487	MEDIAN BARRIER MB-8A, TY. III		525	LF	157,500.00
13607	IMPACT ATTEN. (TL-3,>40 MPH)		2	EA	52,000.00
60125	BRIDGE PIER PROTECTION SYSTEM, BPPS-1		2,525	LF	835,775.00
13543	MSE WALL AT RTE 3		718	SF	86,160.00

¹ 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...).

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22643	FENCE FE-CL		1,980	LF	31,680.00
22653	LINE BRACE UNIT FE-CL		10	EA	1,290.00
22663	CORNER BRACE UNIT FE-CL		10	EA	1,406.50
22908	GATE FE-G L=12'		3	EA	3,000.00
13280	GUARDRAIL GR-MGS1		30,845	LF	524,365.00
13286	GUARDRAIL TERMINAL GR-MGS2		24	EA	56,952.00
13287	GUARDRAIL END ANCHORAGE GR-MGS3		14	EA	14,560.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		11	EA	6,358.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		14	EA	32,270.00
13755	SOUND BARRIER WALL ABSORPTIVE - SPREAD FOOTER		21,997	SF	549,925.00
13611	IMPACT ATTENUATOR SER. TYPE I		34	EA	306,000.00
24152	TYPE III BARRICADE 8'		16	EA	4,800.00
24160	CONSTRUCTION SIGNS		2,930	SF	79,110.00
24279	PORT.CHANGEABLE MESS. SIGN		98,912	HR	254,203.84
24281	ELECTRONIC ARROW		15,136	HR	20,887.68
24293	NS TRAFFIC BARRIER SERVICE RELOCATE		28,100	LF	266,950.00
24290	TRAF.BARR.SER.CONC.MB-7D PC		51,400	LF	1,644,800.00
13496	TRAF. BARR. SER. CONC. DBL FC PAR.MB-11A		1,200	LF	69,600.00
13400	TEMPORARY GUARDRAIL		11,450	LF	194,650.00
24611	REMOVE & RESET EXIST. GUARDRAIL		3,600	LF	16,200.00
24600	REMOVE EXISTING GUARDRAIL		24,207	LF	36,310.50
27321	PROTECTIVE COVERING EC-2		25,867	SY	32,333.75
27326	SOIL STAB. MAT EC-3 TYPE 1		2,538	SY	6,598.80
27101	TEMPORARY SEEDING		144	ACRE	257,040.00
27100	PERMANENT SEEDING		72	ACRE	284,400.00
27345	TEMPORARY DIVERSION DIKE		105	LF	367.50
27410	CHECK DAM, ROCK TY. I		30	EA	14,700.00
27415	CHECK DAM(ROCK) TY. II		456	EA	139,080.00
27430	SILTATION CONTROL EXCAVATION	(F)	3,200	CY	67,200.00
27460	INLET PROTECTION, TYPE A		144	EA	83,664.00
27422	DEWATERING BASIN EC-8		25	EA	42,125.00
27505	TEMP. SILT FENCE TYPE A		26,790	LF	107,160.00
27504	TEMP. SILT FENCE TYPE B		1,654	LF	18,194.00
27545	RETENTION BASIN EXCAVATION	(F)	37,905	CY	530,670.00
27550	STORM WATER MANAGEMENT DRAINAGE STR. SWM-1		21	LF	42,000.00
27580	TEMP. SEDIMENT BASIN EXCAVATION		3,200	CY	54,400.00
00170	BIORETENTION FILTERS		19	EA	1,691,000.00
00170	WATER QUALITY GRASS SWALES		4,225	LF	422,500.00
51965	SIGNAGE		1	LS	1,792,922.00
51000	TEMPORARY SIGNAL		1	LS	83,000.00
51980	PERMANENT SIGNAL		1	LS	145,000.00
59060	ITS		1	LS	772,400.00
54076	TY. B CL. VI PAVE MARK 6"		143,523	LF	548,257.86
54080	TY. B CL VI CONTRAST 6"		4,093	LF	25,785.90
54077	TY. B CL. VI PAVE MARK. 8"		7,632	LF	35,870.40
54060	TY. B CL. VI PAVE MARK. 24"		2,129	LF	33,531.75

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54101	PAVE MESS MARK. 95 SHIELD		6	EA	17,700.00
54105	ERADICATION OF EXIST. LINEAR PVMT MARKING		22,950	LF	18,360.00
54217	SNOW PLOW RAISED PAVE MARK		1,556	EA	48,236.00
54240	TEMP. PAVE MARK. 1-WAY		112	EA	784.00
54300	PAVE MESS MARK ELONG ARROW SINGLE		12	EA	1,620.00
54310	PAVE MESS MARK ELONG ARROW DOUBLE		3	EA	735.00
54400	PAVE MESS MARK "ONLY"		2	EA	920.00
54424	CONSTR. PAVE MARK TY D ELONG ARROW		6	EA	1,470.00
54020	TEMP. PVMT MRKG, TY. A 4"		82,670	LF	33,068.00
54024	TEMP. PVMT MRKG, TY. A 8"		3,340	LF	2,171.00
54466	TYPE E TEMP. PVMT MRKG 6"		31,500	LF	118,125.00
54512	TY. D, CL. III TEMP. PVMT MRKG 4"		78,272	LF	105,667.20
54516	TY. D, CL. II TEMP. PVMT MRKG 8"		2,264	LF	5,207.20
54524	TY D CL. II TEMP. PVMT MRKG 24"		109	LF	1,035.50
60409	CONC. CLASS A4 MOD. LOW SHRINKAGE	(F)	2,217	CY	1,791,336.00
60450	CONC. CLASS A4 BRIDGE APPR. SLAB		106	CY	67,712.00
60452	REINF. STEEL BRIDGE APPR. SLAB		18,515	LB	18,515.00
60490	BRIDGE DECK GROOVING		7,185	SY	35,925.00
61812	STR. STEEL PLATE GIRDER ASTM A709 GRADE 50W		1	LS	4,653,000.00
61760	ERECTION OF STEEL GIRDERS		1	LS	950,000.00
61980	BEARING DEVICE		36	EA	54,000.00
60495	COVER DEPTH SURVEY		7,185	SY	7,185.00
61713	CORROSION RESISTANT REINF. STEEL CL. III		617,000	LB	1,881,850.00
65720	PARAPET CONCRETE PARAPET 42"		2,402	LF	408,340.00
62400	TOOTH EXPANSION JOINT ASSEMBLY		116	LF	156,600.00
64015	SELECT BACKFILL (ABUTMENT ZONE)	(F)	5,200	TON	98,800.00
64011	STRUCTURE EXCAVATION	(F)	2,115	CY	327,825.00
64032	GEOCOMPOSITE WALL DRAIN		252	SY	4,536.00
64036	PIPE UNDERDRAIN 6"		200	LF	2,000.00
64101	DYNAMIC PILE TEST		2	EA	4,800.00
64765	PILE POINTS FOR 12" STEEL PILE		45	EACH	2,925.00
64112	STEEL PILES 12"		918	LF	119,340.00
65013	CONCRETE CLASS A3	(F)	3,591	CY	2,872,480.00
65200	REINF. STEEL		838,000	LB	838,000.00
65211	CORROSION RESISTANT REINF. STEEL CL. I		51,500	LB	90,125.00
62024	CONCRETE PARAPET 42"		447	LF	109,515.00
67400	DECK DRAINAGE SYSTEM		1	LS	185,000.00
13543	MSE WALL		8,180	SF	1,063,400.00
00128	EXTRA EXCAVATION (UNDERCUT MSE)		4,651	CY	269,758.00
27508	COFFERDAMS		4	EA	544,000.00
67910	NBIS ACCESS, UNDER BRIDGE (B604)		1	LS	20,500.00
67904	BRIDGE INCIDENTALS WARNING SIGNS & BOUYS		1	LS	15,000.00
60125	NS BRIDGE CONSTRUCTION ACCESS		1	LS	3,254,100.41
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD. - PCBT	(F)	328	CY	356,972.80
60450	CONCRETE CLASS A4 APPR. SLAB		153	CY	135,864.00
60452	REINF. STEEL BRIDGE APPR. SLAB		26,800	LB	26,800.00

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60490	BRIDGE DECK GROOVING		1,235	SY	8,027.50
61209	PRESTRESSED CONC. BEAM, BULB-T 29" DEPTH +70'-80		987	LF	231,945.00
61760	ERECTION OF PRESTRESSED CONCRETE BEAMS		1	LS	108,000.00
61980	BEARING DEVICE		28	EA	14,420.00
60495	COVER DEPTH SURVEY		1	LS	3,000.00
61713	CORROSION RESIST. REINFORCING STEEL, CLASS III		95,500	LB	291,275.00
62024	CONCRETE PARAPET, 42"		280	LF	67,200.00
64015	SELECT BACKFILL (ABUTMENT ZONE)	(F)	1,480	TON	51,800.00
64011	STRUCTURAL EXCAVATION	(F)	275	CY	24,750.00
64032	GEOCOMPOSITE WALL DRAIN		43	SY	1,720.00
64036	PIPE UNDERDRAIN, 6"		220	LF	3,300.00
62534	EPS MATERIAL		111	SY	16,650.00
62410	ADHESIVE BASED JOINT SEALER (CLASS I)		130	LF	4,550.00
64101	DYNAMIC TEST PILE		3	EA	7,200.00
64765	PILE POINTS FOR 12" STEEL PILE		46	EACH	2,990.00
64112	STEEL PILES 12"		2,345	LF	194,635.00
64045	TEMPORARY SHEET PILING		1	SF	96,500.00
65013	CONCRETE CLASS A3	(F)	149	CY	249,724.00
65200	REINFORCING STEEL		18,400	LB	18,400.00
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		18,600	LB	32,550.00
13543	MSE WALL AT ABUTMENTS		4,755	SF	689,475.00
25000	HANDRAIL HR-1 TYPE II		140	LF	18,480.00
65704	CONCRETE PARAPET, 42"		29	LF	12,470.00
65004	ARCHITECTURAL TREATMENT		200	SF	18,000.00
67910	NBIS ACCESS, UNDER BRIDGE (B652)		1	LS	4,100.00
67900	DISMANTLE AND REMOVE EXISTING STRUCTURE		1	LS	275,000.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD. - PCBT	(F)	298	CY	338,230.00
60450	CONCRETE CLASS A4 APPR. SLAB		143	CY	115,425.00
60452	REINF. STEEL BRIDGE APPR. SLAB		25,000	LB	25,000.00
60490	BRIDGE DECK GROOVING		1,110	SY	7,215.00
61209	PRESTRESSED CONC. BEAM, BULB-T 29" DEPTH +70'-80		846	LF	198,810.00
61760	ERECTION OF PRESTRESSED CONCRETE BEAMS		1	LS	100,500.00
61980	BEARING DEVICE		12	EA	8,760.00
60495	COVER DEPTH SURVEY		1	LS	3,000.00
61713	CORROSION RESIST. REINFORCING STEEL, CLASS III		86,560	LB	264,008.00
62024	CONCRETE PARAPET, 42"		282	LF	67,680.00
64015	SELECT BACKFILL (ABUTMENT ZONE)	(F)	1,340	TON	46,900.00
64011	STRUCTURAL EXCAVATION	(F)	235	CY	21,150.00
64040	SHEET PILES		12,375	SF	321,750.00
64032	GEOCOMPOSITE WALL DRAIN		39	SY	1,560.00
64036	PIPE UNDERDRAIN, 6"		170	LF	2,550.00
62534	EPS MATERIAL		100	SY	15,000.00
62410	ADHESIVE BASED JOINT SEALER (CLASS I)		112	LF	6,720.00
64101	DYNAMIC TEST PILE		3	EA	7,200.00
64765	PILE POINTS FOR 12" STEEL PILE		44	EACH	2,860.00
64112	STEEL PILES 12"		2,111	LF	154,103.00

¹ 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...).

Attachment 4.8.2 (a)
State Project 0095-111-259, P101, R201, C501
I-95 Southbound CD Lanes – Rappahannock River Crossing Project
BASE SCOPE SCHEDULE OF ITEMS (ver. 4-15-2014)

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. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 12/19/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
64045	TEMPORARY SHEET PILING		1	SF	230,000.00
65013	CONCRETE CLASS A3	(F)	121	CY	228,950.00
65200	REINFORCING STEEL		10,000	LB	10,000.00
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		18,000	LB	31,500.00
65704	CONCRETE PARAPET, 42"		69	LF	20,010.00
13544	NS WALL TEMPORARY RETAINING STRUCTURE		1	LS	190,000.00
13543	MSE WALL AT ABUTMENTS		2,990	SF	433,550.00
25000	HANDRAIL HR-1 TYPE II		42	LF	5,544.00
65004	ARCHITECTURAL TREATMENT		100	SF	9,000.00
67910	NBIS ACCESS, UNDER BRIDGE (B651)		1	LS	4,000.00
67900	DISMANTLE AND REMOVE EXISTING STRUCTURE		1	LS	340,000.00
00200	SETTLEMENT PLATE		2	EA	8,000.00
85004	NS SUBGRADE IMPROVEMENT		1	LS	34,000.00
85006	NS DRAINAGE BLANKET		33,647	CY	13,458.80
00154	NS GEOTEXTILE HIGH STRENGTH		945	SY	8,505.00
00191	SURCHARGE PLACEMENT & REMOVAL		2,101	CY	17,333.25
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD. - PCBT	(F)	376	CY	402,320.00
60450	CONCRETE CLASS A4 APPR. SLAB		177	CY	143,370.00
60452	REINF. STEEL BRIDGE APPR. SLAB		32,800	LB	32,800.00
60490	BRIDGE DECK GROOVING		1,470	SY	9,555.00
61209	PRESTRESSED CONC. BEAM, BULB-T 29" DEPTH +70'-80		1,128	LF	265,080.00
61760	ERECTION OF PRESTRESSED CONCRETE BEAMS		1	LS	84,750.00
61980	BEARING DEVICE		16	EA	10,400.00
60495	COVER DEPTH SURVEY		1	LS	3,000.00
61713	CORROSION RESIST. REINFORCING STEEL, CLASS III		109,400	LB	333,670.00
62024	CONCRETE PARAPET, 42"		282	LF	67,680.00
64015	SELECT BACKFILL (ABUTMENT ZONE)	(F)	1,760	TON	61,600.00
64011	STRUCTURAL EXCAVATION	(F)	315	CY	28,350.00
64032	GEOCOMPOSITE WALL DRAIN		52	SY	2,080.00
64036	PIPE UNDERDRAIN, 6"		160	LF	2,400.00
62534	EPS MATERIAL		131	SY	19,650.00
62410	ADHESIVE BASED JOINT SEALER (CLASS I)		152	LF	9,120.00
64101	DYNAMIC TEST PILE		3	EA	7,200.00
64765	PILE POINTS FOR 12" STEEL PILE		54	EACH	3,510.00
64112	STEEL PILES 12"		2,729	LF	193,759.00
64045	TEMPORARY SHEET PILING		1	SF	80,000.00
65013	CONCRETE CLASS A3	(F)	181	CY	272,100.00
65200	REINFORCING STEEL		22,100	LB	22,100.00
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		22,000	LB	38,500.00
65704	CONCRETE PARAPET, 42"		69	LF	19,665.00
13543	MSE WALL AT ABUTMENTS		4,190	SF	607,550.00
25000	HANDRAIL HR-1 TYPE II		95	LF	12,540.00
65004	ARCHITECTURAL TREATMENT		100	SF	9,000.00
67910	NBIS ACCESS, UNDER BRIDGE (B606)		1	LS	4,000.00

¹ 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...).

Attachment 4.8.2 (b)

State Project 0095-111-259, P101, R201, C501

I-95 Southbound CD Lanes – Rappahannock River Crossing Project

Option #1 SCHEDULE OF ITEMS (ver. 4-15-2014)

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. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustments shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Date: 12/19/2019

VDOT Item Code ¹	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units ¹	Budgeted Cost (\$)
00104	DESIGN BUILD - DESIGN & ENGINEERING		1	LS	99,215.00
25593	DESIGN BUILD QC		1	LS	49,000.00
25593	DESIGN BUILD QA		1	LS	47,000.00
25596	DESIGN BUILD - UTILITIES		1	LS	6,015.00
00110	CLEARING AND GRUBBING		1	LS	11,575.00
10013	CEM.STAB.AGGR.MATL.NO.21A	(F)	7826	TON	250,432.00
10062	ASPH.STAB. OPEN-GRADED MATERIAL	(F) & (P)	1535	TON	116,660.00
10611	ASPHALT CONC TY. IM-19.0D	(F) & (P)	2762	TON	174,006.00
10642	ASPHALT CONC. BY. BM-25.0	(F) & (P)	5548	TON	321,784.00
10609	ASPHALT CONC TY. SM-12.5E	(F) & (P)	2239	TON	185,837.00
10628	FLEXIBLE PAVEMENT PLANING 0"-2"	(F)	3181	SY	15,905.00
11070	SAWCUT ASPH CONC FULL DEPTH		3100	LF	18,600.00
24410	DEMO. OF PAVEMENT	(F)	3118	SY	15,590.00
13460	MEDIAN BARRIER MB-7D		3309	LF	264,720.00
13462	MEDIAN BARRIER MB-7F		375	LF	33,750.00
13607	IMPACT ATTEN. (TL-3,>40 MPH)		1	EA	20,000.00
60125	BRIDGE PIER PROTECTION SYSTEM, BPPS-1		28	LF	9,268.00
13280	GUARDRAIL GR-MGS1		3200	LF	54,400.00
13286	GUARDRAIL TERMINAL GR-MGS2		3	EA	7,119.00
13288	GUARDRAIL HEIGHT TRANSITION GR-MGS4		1	EA	578.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		1	EA	2,305.00
27505	TEMP. SILT FENCE TYPE A		2372	LF	9,488.00
54076	TY. B CL. VI PAVE MARK 6"		10523	LF	40,197.86
54080	TY. B CL VI CONTRAST 6"		282	LF	1,776.60
54077	TY. B CL. VI PAVE MARK. 8"		730	LF	3,431.00
54060	TY. B CL. VI PAVE MARK. 24"		80	LF	1,260.00
54512	TY. D, CL. III TEMP. PVMT MRKG 4"		6200	LF	13,020.00
60409	CONCRETE LOW SHRINKAGE CLASS A4 MOD. - PCBT	(F)	90	CY	60,300.00
60450	CONCRETE CLASS A4 APPR. SLAB		36.2	CY	17,195.00
60452	REINF. STEEL BRIDGE APPR. SLAB		6400	LB	6,400.00
60490	BRIDGE DECK GROOVING		286	SY	1,716.00
61209	PRESTRESSED CONC. BEAM, BULB-T 29" DEPTH +70'-80		141	LF	31,725.00
61760	ERECTION OF PRESTRESSED CONCRETE BEAMS		1	LS	9,600.00
61980	BEARING DEVICE		2	EA	4,000.00
61713	CORROSION RESIST. REINFORCING STEEL, CLASS III		24700	LB	75,335.00
62056	BRIDGE MEDIAN BARRIER C-I-P CONCR. F-SHAPE		141	LF	42,300.00
64015	SELECT BACKFILL (ABUTMENT ZONE)	(F)	330	TON	11,220.00
64011	STRUCTURAL EXCAVATION	(F)	55	CY	4,950.00
64032	GEOCOMPOSITE WALL DRAIN		10	SY	400.00
64036	PIPE UNDERDRAIN, 6"		30	LF	360.00
62410	ADHESIVE BASED JOINT SEALER (CLASS I)		30	LF	1,650.00
64765	PILE POINTS FOR 12" STEEL PILE		4	EACH	260.00
64112	STEEL PILES 12"		228	LF	15,276.00
65013	CONCRETE CLASS A3	(F)	15.3	CY	16,830.00
65200	REINFORCING STEEL		2000	LBS	2,000.00
65211	CORROSION RESISTANT REINFORCING STEEL, CLASS I		3000	LB	5,250.00

¹ 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...).



Proposed Monthly Payment Schedule

**VDOT I-95 SOUTHBOUND CD LANES - RAPPAHANNOCK RIVER CROSSING
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-259
FEDERAL PROJECT NO.: IM-5111(235)
CONTRACT ID NO.: C00101595DB94**

**WAGMAN HEAVY CIVIL
PROPOSED MONTHLY PAYMENT SCHEDULE 4.8.3: BASE BID**

Month	Projected Monthly Total	Projected Cumulative Total	Month	Projected Monthly Total	Projected Cumulative Total
Feb-2018	\$783,340.39	\$783,340.39	Apr-2020	\$2,075,165.65	\$65,534,630.56
Mar-2018	\$1,169,009.30	\$1,952,349.69	May-2020	\$1,725,079.53	\$67,259,710.10
Apr-2018	\$1,169,009.30	\$3,121,359.00	Jun-2020	\$1,400,172.49	\$68,659,882.59
May-2018	\$1,161,071.80	\$4,282,430.80	Jul-2020	\$1,492,443.75	\$70,152,326.33
Jun-2018	\$1,132,071.80	\$5,414,502.61	Aug-2020	\$1,394,212.56	\$71,546,538.89
Jul-2018	\$1,172,433.51	\$6,586,936.11	Sep-2020	\$1,578,875.96	\$73,125,414.84
Aug-2018	\$3,813,598.42	\$10,400,534.53	Oct-2020	\$1,059,249.60	\$74,184,664.44
Sep-2018	\$6,941,343.70	\$17,341,878.23	Nov-2020	\$1,443,204.92	\$75,627,869.37
Oct-2018	\$3,529,474.68	\$20,871,352.91	Dec-2020	\$1,504,304.80	\$77,132,174.16
Nov-2018	\$1,120,641.73	\$21,991,994.64	Jan-2021	\$1,712,127.29	\$78,844,301.45
Dec-2018	\$1,331,438.54	\$23,323,433.18	Feb-2021	\$2,298,060.14	\$81,142,361.59
Jan-2019	\$1,065,255.19	\$24,388,688.37	Mar-2021	\$4,698,134.22	\$85,840,495.81
Feb-2019	\$867,680.09	\$25,256,368.46	Apr-2021	\$5,654,199.65	\$91,494,695.46
Mar-2019	\$2,051,169.45	\$27,307,537.91	May-2021	\$1,736,128.44	\$93,230,823.90
Apr-2019	\$3,035,598.08	\$30,343,135.99	Jun-2021	\$1,254,376.06	\$94,485,199.96
May-2019	\$3,380,008.01	\$33,723,144.00	Jul-2021	\$754,904.67	\$95,240,104.63
Jun-2019	\$3,156,848.10	\$36,879,992.10	Aug-2021	\$382,358.10	\$95,622,462.73
Jul-2019	\$2,763,475.29	\$39,643,467.39	Sep-2021	\$592,768.37	\$96,215,231.10
Aug-2019	\$7,988,102.30	\$47,631,569.69	Oct-2021	\$791,726.46	\$97,006,957.56
Sep-2019	\$1,606,186.39	\$49,237,756.09	Nov-2021	\$398,349.90	\$97,405,307.46
Oct-2019	\$2,139,447.23	\$51,377,203.31	Dec-2021	\$397,253.22	\$97,802,560.68
Nov-2019	\$5,997,082.61	\$57,374,285.92	Jan-2022	\$316,837.68	\$98,119,398.36
Dec-2019	\$1,194,232.55	\$58,568,518.48	Feb-2022	\$158,908.14	\$98,278,306.51
Jan-2020	\$1,378,431.20	\$59,946,949.68	Mar-2022	\$421,013.54	\$98,699,320.04
Feb-2020	\$1,575,392.51	\$61,522,342.19	Apr-2022	\$699,613.03	\$99,398,933.07
Mar-2020	\$1,937,122.73	\$63,459,464.91	May-2022	\$236,951.47	\$99,635,884.54

Total: \$99,635,884.54

**VDOT I-95 SOUTHBOUND CD LANES - RAPPAHANNOCK RIVER CROSSING
A DESIGN-BUILD PROJECT**

**STATE PROJECT NO.: 0095-111-259
FEDERAL PROJECT NO.: IM-5111(235)
CONTRACT ID NO.: C00101595DB94**

**WAGMAN HEAVY CIVIL
PROPOSED MONTHLY PAYMENT SCHEDULE 4.8.3: OPTION 1**

Month	Projected Monthly Total	Projected Cumulative Total	Month	Projected Monthly Total	Projected Cumulative Total
Feb-2018	\$240.60	\$240.60	Apr-2020	\$0.00	\$1,043,222.56
Mar-2018	\$8,921.91	\$9,162.51	May-2020	\$0.00	\$1,043,222.56
Apr-2018	\$8,921.91	\$18,084.42	Jun-2020	\$38,798.40	\$1,082,020.96
May-2018	\$8,861.76	\$26,946.19	Jul-2020	\$81,371.84	\$1,163,392.80
Jun-2018	\$8,861.76	\$35,807.95	Aug-2020	\$82,946.92	\$1,246,339.72
Jul-2018	\$8,861.76	\$44,669.71	Sep-2020	\$17,372.24	\$1,263,711.97
Aug-2018	\$8,861.76	\$53,531.47	Oct-2020	\$25,447.62	\$1,289,159.59
Sep-2018	\$8,861.76	\$62,393.24	Nov-2020	\$1,897.60	\$1,291,057.19
Oct-2018	\$12,656.96	\$75,050.20	Dec-2020	\$15,835.00	\$1,306,892.19
Nov-2018	\$11,847.97	\$86,898.17	Jan-2021	\$56,228.00	\$1,363,120.19
Dec-2018	\$10,297.67	\$97,195.83	Feb-2021	\$26,463.00	\$1,389,583.19
Jan-2019	\$4,510.17	\$101,706.00	Mar-2021	\$42,109.12	\$1,431,692.31
Feb-2019	\$3,307.17	\$105,013.17	Apr-2021	\$130,533.92	\$1,562,226.23
Mar-2019	\$3,307.17	\$108,320.33	May-2021	\$113,829.37	\$1,676,055.60
Apr-2019	\$3,307.17	\$111,627.50	Jun-2021	\$168,144.94	\$1,844,200.54
May-2019	\$3,307.17	\$114,934.67	Jul-2021	\$101,241.00	\$1,945,441.54
Jun-2019	\$3,307.17	\$118,241.83	Aug-2021	\$15,174.20	\$1,960,615.74
Jul-2019	\$23,307.17	\$141,549.00	Sep-2021	\$12,278.72	\$1,972,894.46
Aug-2019	\$1,897.60	\$143,446.60	Oct-2021	\$0.00	\$1,972,894.46
Sep-2019	\$341,043.44	\$484,490.04	Nov-2021	\$0.00	\$1,972,894.46
Oct-2019	\$170,757.17	\$655,247.21	Dec-2021	\$0.00	\$1,972,894.46
Nov-2019	\$166,383.84	\$821,631.05	Jan-2022	\$0.00	\$1,972,894.46
Dec-2019	\$92,688.73	\$914,319.79	Feb-2022	\$0.00	\$1,972,894.46
Jan-2020	\$9,927.00	\$924,246.78	Mar-2022	\$0.00	\$1,972,894.46
Feb-2020	\$0.00	\$924,246.78	Apr-2022	\$0.00	\$1,972,894.46
Mar-2020	\$118,975.78	\$1,043,222.56	May-2022	\$0.00	\$1,972,894.46

Total: \$1,972,894.46



Price Adjustment Information and Forms

EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

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

July 18, 2017

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 64S-22 f.o.b. price per ton and an average PG 64E-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 Scheduling and Contracts Division website on or about the first weekday of the following month. In the event the average prices were to change 10 percent or more of the Base Index during the middle of the month, the Design Builder can submit a letter to the Department and the supplier that provides evidence of the difference in price. Upon receipt of the letter consideration will be given to extend additional adjustments as deemed necessary.

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. Ruffilling	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: 0095-111-259, P101, R201, C501; 0095-089-741

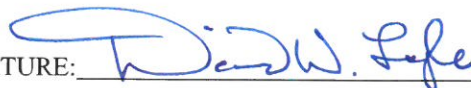
DISTRICT: Fredericksburg

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 \$ 529.29 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: December 19, 2017

SIGNATURE: _____



Wagman Heavy Civil, Inc.

(Firm or Corporation)

W002

(Vendor No.)

EXHIBIT 6.3 (c)
ADJUSTMENT FOR FUEL

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

June 30, 2011
(Revised) November 5, 2012

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 within the Schedule of Values 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 Schedule of Values 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: December 19, 2017

Signature: 

Design-builder: Wagman Heavy Civil, Inc.

Vendor No.: W002



Proposal Guaranty



A DESIGN-BUILD TEAM

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Wagman Heavy Civil, Inc. As principal, and Western Surety Company 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 1st Day of December, 20 17

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

PROJECT NUMBER: I-95 Southbound CD Lanes - Rappahannock River Crossing
State Project No.: 0095-111-259, P101, R201, C501; 0095-089-741
Federal Project No.: IM-5111(235) Contract ID Number: C00101595DB94

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.

Wagman Heavy Civil, Inc.
(Principal*)

By: [Signature] Vice President
(Officer, Partner or Owner) (Seal)

(Principal*)

By: _____
(Officer, Partner or Owner) (Seal)

(Principal*)

By: _____
(Officer, Partner or Owner) (Seal)

Western Surety Company
(Surety Company)

By: [Signature]
Patricia C. Robinson (Attorney-in-Fact**) (Seal)

333 S. Wabash Ave., Chicago, IL
(Address)

By: _____
(Surety Company)

(Attorney-in-Fact**) (Seal)

By: _____
(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

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

James R Gould, Joseph G Buyakowski, Alson O Wolcott Jr, Robert N Striewig Jr, Eugene M Fritz, Patricia C Robinson, Kathy R Reisinger, Donald R Wert, Anthony S Phillips, Kristen D Shive, Individually

of Mechanicsburg, PA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 1st day of August, 2017.

WESTERN SURETY COMPANY



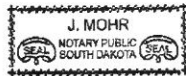
Paul T. Brufat
Paul T. Brufat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 1st day of August, 2017, before me personally came Paul T. Brufat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 1st day of December, 2017.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.



Sworn Statement Forms

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0095-111-259, P101, R201, C501; 0095-089-741

FHWA: IM-5111(235)

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 Dinwiddie, this 19th day of December, 20 17

County (City), STATE

Wagman Heavy Civil, Inc. (W002)
(Name of Firm)

By: [Signature] Vice President, Major Pursuits/DB
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Dinwiddie

To-wit:

I Jana Marie Willis, a Notary Public in and for the State and

County(City) aforesaid, hereby certify that this day David W. Lyle

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 19th day of December, 20 17

[Signature] My Commission expires 10/31/2019

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 _____

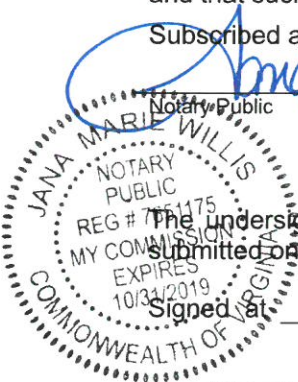
County (City), STATE

(Name of Firm)

By: _____

(Signature)

Title (print)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: 0095-111-259, P101, R201, C501; 0095-089-741

FHWA: IM-5111(235)

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
<u>VTCA</u>	<u>620 Moorefield Pk Dr., 120 Richmond, VA 23236</u>
<u>HCCA</u>	<u>9251 Industrial Ct., 201, Manassas, VA 20109</u>

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.:

Form C-105
page 2

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 Dinwiddie, VA , this 19 day of December , 20 17
County (City), STATE

Wagman Heavy Civil, Inc. (W002)
(Name of Firm)

By: David W. Lyle Vice President, Dept. Pursuits
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Dinwiddie

To-wit:

I Jana Marie Willis , a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day David W. Lyle

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 19th day of December , 20 17

Jana Marie Willis
Notary Public My Commission expires 10/31/2019





State Project No.: 0095-111-259, P101, R201, C501; 0095-089-741
Federal Project No.: IM-5111(235)
Contract ID Number: C00101595DB94