

ORIGINAL

# PRICE PROPOSAL



A Design-Build Project

I-81 Bridge Replacement  
at Exit 114  
Montgomery County/  
Town of Christiansburg, Virginia

April 4, 2018

State Project No.: 0081-154-733, R201,  
C501, B601, B616  
Federal Project No.: NHPP-081-2(992)  
Contract ID Number: C00093074DB96

*Submitted By:*



*in conjunction with*



Subconsultants:



ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

**Project Name: I-81 Bridge Replacement at Exit 114  
Contract ID Number: C00093074DB96**

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➤ **Contents of Price Proposal:**

- Cost Breakdown Summary in whole numbers and the Proposal Price, in both numbers and words (Attachment 4.8.1)**
  - Schedule of Items itemized in accordance with Part 1, Section 4.8.2, including material quantities and costs of each proposed work package**
  - Proposed Monthly Payment Schedule 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, 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 4.8.6(a) and 4.8.6(b))**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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**ATTACHMENT 3.6****COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

RFP NO. C00093074DB96  
PROJECT NO.: 0081-154-733

**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFP – October 23, 2017  
(Date)
2. Cover letter of RFP Addendum No. 1 – February 6, 2018  
(Date)
3. Cover letter of RFP Addendum No. 2 – March 30, 2018  
(Date)



SIGNATURE



DATE



PRINTED NAME



TITLE

**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;

Design Services, LS	\$ <u>1,608,964.<sup>00</sup></u>
Construction Services (exclude QA/QC), LS	\$ <u>18,228,460.<sup>82</sup></u>
Quality Assurance (QA) (Construction), LS	\$ <u>1,427,532.<sup>00</sup></u>
Quality Control (QC) (Construction), LS	\$ <u>1,525,039.<sup>00</sup></u>

Proposal Price; (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): TWENTY TWO MILLION SEVEN HUNDRED EIGHTY NINE THOUSAND NINE HUNDRED NINETY FIVE AND EIGHTY TWO CENTS (\$ 22,789,995.<sup>82</sup>)

Signature:  Date: APRIL 4, 2018

Design-Builder: Orders Construction Company, Inc.

Vendor No.: 0017

**Attachment 4.8.2**  
**State Project 0081-154-733**

**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: April 4, 2018

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
00100	Mobilization		1.00	LS	\$ 1,215,000.00
NS	Design Management, QA-QC		1.00	LS	\$ 212,380.00
NS	Design Services Package 1 - MOT/RW/Grading/Drainage		1.00	LS	\$ 466,953.00
NS	Design Services Package 2 - Bridge Substructure		1.00	LS	\$ 310,567.00
NS	Design Services Package 3 - Bridge Superstructure		1.00	LS	\$ 85,762.00
NS	Design Services Package 4 - Final Roadway		1.00	LS	\$ 79,311.00
NS	Design Services Package 5 - Traffic & Lighting		1.00	LS	\$ 95,702.00
NS	Design Services Package 6		1.00	LS	\$ 150,494.00
NS	Construction Period Design Services		1.00	LS	\$ 207,795.00
NS	Public Outreach Set Up		1.00	LS	\$ 2,411.38
NS	Public Outreach Monthly		36.00	MO	\$ 5,425.56
NS	Nutrient Credit		1.00	LS	\$ 73,320.00
67908	Bat Inventory		3.00	EACH	\$ 2,340.93
25565	CPM Schedule		1.00	LS	\$ 14,000.00
25567	Schedule Updates		35.00	MO	\$ 40,600.00
25593	Quality Assurance Setup		1.00	LS	\$ 52,800.00
25593	Quality Assurance		1.00	LS	\$ 1,374,732.00
25593	Quality Control Setup		1.00	LS	\$ 10,575.00
25593	Quality Control		1.00	LS	\$ 1,514,464.00
00101	Construction Survey		1.00	LS	\$ 39,787.73
NS	Utility Relocation Lumos		1.00	LS	\$ 35,869.24
NS	Scope Validation		1.00	LS	\$ 2,143.10
NS	As Built Drawings		1.00	LS	\$ 5,598.89
25505	Field Office		36.00	MO	\$ 51,698.52
NS	Traffic Control For Sub Surface Investigation		25.00	DY	\$ 22,954.75
NS	Set Up Disposal Sites		2.00	EACH	\$ 5,133.54
NS	Set Up Borrow Sites		2.00	EACH	\$ 5,133.54
NS	Construction Set Up Site Mobe		1.00	EACH	\$ 23,151.54
51955	Install Temp Traffic Signals		1.00	LS	\$ 217,506.23
51955	Maintain Temp Traffic Signals		1.00	LS	\$ 24,535.76
NS	OH Sign Relocation		1.00	EACH	\$ 179,471.80
NS	Site Lighting West		1.00	LS	\$ 134,976.84
NS	Site Lighting East		1.00	LS	\$ 134,976.84
67270	Lighting On Bridge SB		1.00	LS	\$ 18,085.33
67270	Lighting On Bridge NB		1.00	LS	\$ 18,085.33
50002	Signage NB		350.00	SF	\$ 40,029.50
50002	Signage SB		471.00	SF	\$ 53,868.27
50002	Signage On Ramps		115.00	SF	\$ 13,152.55
50002	Signage On Rte. 8		160.00	SF	\$ 18,299.20
54105	Eradication Of Pavement Marking		8000.00	LF	\$ 26,480.00
NS	Temp Pavement Markings Temp Detour South		1.00	LS	\$ 15,155.51

NS	Temp Pavement Markings Temp Detour North	1.00	LS	\$	32,047.20
NS	Temp Pavement Marking SB	1.00	LS	\$	55,142.17
NS	Temp Pave Marking Northbound	1.00	LS	\$	8,097.71
NS	Temp Pavement Marking Rte. 8	1.00	LS	\$	14,043.26
NS	Temp Pavement Marking Ramp A	1.00	LS	\$	2,971.78
NS	Temp Pavement Marking Ramp B	1.00	LS	\$	2,971.78
NS	Temp Pavement Marking Ramp C	1.00	LS	\$	3,031.46
NS	Temp Pavement Marking Ramp D	1.00	LS	\$	3,071.25
NS	RPM's Temporary	360.00	EACH	\$	4,665.60
NS	Pavement Marking NB 81	1.00	LS	\$	40,270.00
NS	Pavement Marking SB 81	1.00	LS	\$	40,270.00
NS	Pavement Marking Rte. 8	1.00	LS	\$	50,137.36
NS	Pavement Marking Ramps	1.00	LS	\$	59,621.30
54106	Eradication of Non Linear	325.00	SF	\$	2,271.75
54217	Perm. RPM's	180.00	EACH	\$	18,653.40
NS	TC Director	1.00	LS	\$	23,574.10
NS	Project Traffic Control Service	1.00	LS	\$	59,018.03
13607	Perm. Impact Attenuator	1.00	EACH	\$	27,380.61
24160	Temporary Construction Signs	1.00	LS	\$	34,028.34
24282	Flagger Service	1.00	LS	\$	20,573.76
24279	Message Boards NB & Rte. 8 East	1.00	LS	\$	63,439.37
24279	Message Boards SB & Rte. 8 West	1.00	LS	\$	63,439.37
85160	Electronic Arrow	1.00	LS	\$	5,632.73
24152	Type III Barricades	6.00	EACH	\$	4,304.28
24272	TMA	1.00	LS	\$	56,785.98
24278	Group 2's	45000.00	DY	\$	27,000.00
24288	Warning Lights	7500.00	DY	\$	17,025.00
NS	Project E&S Service	1.00	LS	\$	67,577.10
27505	Silt Fence Temp Detour	2200.00	LF	\$	9,614.00
27505	Silt Fence NB	1200.00	LF	\$	6,168.00
27505	Silt Fence SB	1700.00	LF	\$	8,364.00
27505	Silt Fence Rte. 8	1600.00	LF	\$	8,224.00
27505	Silt Fence Ramps	1200.00	LF	\$	6,168.00
NS	Storm Water Basin	1.00	LS	\$	8,474.04
NS	Wetland Mitigation	1.00	LS	\$	47,336.00
27430	Silt Control Excavation	1000.00	CY	\$	12,260.00
27451	Inlet Protection A	40.00	EACH	\$	2,336.40
27410	Check Dams I	40.00	EACH	\$	4,215.60
09150	Erosion Control Stone	100.00	TON	\$	6,213.00
27325	EC-3	2000.00	SY	\$	14,100.00
27288	Straw For Erosion Preventions	1.00	LS	\$	18,357.75
09250	Slope Drains	1.00	LS	\$	5,553.63
NS	Drainage Outfall Protection	1.00	LS	\$	4,197.57
23560	Temp Safety Fence	1.00	LS	\$	2,200.23
24290	Temp Traffic Barrier Temp Detour Install	3200.00	LF	\$	208,192.00
24290	Temp Traffic Barrier Temp Detour Maintain	3200.00	LF	\$	7,712.00
24290	Temp Traffic Barrier NB Install	4450.00	LF	\$	93,895.00
24290	Temp Traffic Barrier NB Maintain	4450.00	LF	\$	10,724.50
24290	Temp Traffic Barrier SB Install	3400.00	LF	\$	71,740.00
24290	Temp Traffic Barrier SB Maintain	3400.00	LF	\$	8,194.00
24290	Temp Traffic Barrier Rte. 8 Install	600.00	LF	\$	21,666.00
24290	Temp Traffic Barrier Rte. 8 Maintain	600.00	LF	\$	1,446.00

13607	Impact Attenuators Temp Detour Install		1.00	LS	\$ 10,790.92
13607	Impact Attenuators Temp Detour Maintain		3.00	EACH	\$ 1,808.55
13607	Impact Attenuators NB Install		2.00	EACH	\$ 5,425.60
13607	Impact Attenuators NB Maintain		2.00	EACH	\$ 1,205.70
13607	Impact Attenuators SB Install		2.00	EACH	\$ 21,581.84
13607	Impact Attenuators SB Maintain		2.00	EACH	\$ 1,205.70
13606	Impact Attenuators Rte. 8		2.00	EACH	\$ 5,425.60
13606	Impact Attenuators Rte. 8 Maintain		2.00	EACH	\$ 1,205.70
00700	Post Inst Insp Detour		2394.00	LF	\$ 17,308.62
00700	Post Inst Insp NB		775.00	LF	\$ 5,603.25
00700	Post Inst Insp SB		1020.00	LF	\$ 7,374.60
00700	Post Inst Insp Ramps And Rte. 8		540.00	LF	\$ 3,904.20
NS	Median Barrier North		1.00	LS	\$ 189,889.55
NS	Median Barrier South		1.00	LS	\$ 599,653.56
NS	Curbs And Incidental Concrete		320.00	LF	\$ 12,153.60
NS	Right Of Way Markers		22.00	EACH	\$ 4,597.12
24601	Remove Guardrail		11850.00	LF	\$ 80,817.00
NS	Guardrail Temp Detour		1.00	LS	\$ 62,936.95
NS	Guardrail NB		1.00	LS	\$ 121,294.69
NS	Guardrail SB		1.00	LS	\$ 60,445.99
NS	Guardrail Adjustments		1.00	LS	\$ 2,411.38
NS	Guardrail Ramp C		1.00	LS	\$ 13,985.99
NS	Guardrail Ramp D		1.00	LS	\$ 16,915.81
27013	Topsoil A Rte. 8		1.00	LS	\$ 2,638.94
27101	Temp Seed Temp Detour		1.00	LS	\$ 2,411.38
27101	Temp Seed NB		1.00	LS	\$ 2,411.38
27101	Temp Seed SB		1.00	LS	\$ 2,411.38
27101	Temp Seed Rte. 8		1.00	LS	\$ 1,205.69
27101	Temp Seed Ramp A		1.00	LS	\$ 1,205.69
27101	Temp Seed Ramp B		1.00	LS	\$ 1,205.69
27101	Temp Seed Ramp C		1.00	LS	\$ 1,205.69
27101	Temp Seed Ramp D		1.00	LS	\$ 1,205.69
27100	Seeding Temp Detour		3.00	ACRE	\$ 7,776.69
27100	Seed NB		4.00	ACRE	\$ 15,794.52
27100	Seed SB		4.00	ACRE	\$ 15,794.52
27100	Seed Rte. 8		3.00	ACRE	\$ 11,845.89
27100	Seed Ramp A		2.00	ACRE	\$ 10,610.06
27100	Seed Ramp B		2.00	ACRE	\$ 10,610.06
27100	Seed Ramp C		2.00	ACRE	\$ 10,610.06
27100	Seed Ramp D		2.00	ACRE	\$ 10,610.06
27100	Final Seeding		3.00	ACRE	\$ 11,845.89
27103	Overseed		1.00	LS	\$ 14,468.26
10642	Base Paving Temp Detour BM-25.0A	F,P	2620.00	TON	\$ 364,625.40
10643	Base Paving Temp Detour BM-25.0D	F,P	3000.00	TON	\$ 429,720.00
16370	Paving Temp Detour IM-19.0D	F,P	1080.00	TON	\$ 167,551.20
10636	Surface Paving Temp Detour SM-9.5D	F,P	660.00	TON	\$ 108,939.60
10643	Base Paving NB BM-25.0D	F,P	2600.00	TON	\$ 372,424.00
16370	Paving NB IM-19.0D	F,P	2210.00	TON	\$ 342,859.40
10643	Base Paving SB BM-25.0D	F,P	4550.00	TON	\$ 651,742.00
16370	Paving SB IM-19.0D	F,P	1140.00	TON	\$ 176,859.60
10643	Base Paving Ramps BM-25.0D	F,P	1650.00	TON	\$ 236,346.00
16370	Paving Ramps IM-19.0D	F,P	1010.00	TON	\$ 156,691.40

10642	Base Paving Rte. 8 BM-25.0A	F,P	320.00	TON	\$ 44,534.40
10636	Surface Paving Rte. 8 SM-9.5D	F,P	470.00	TON	\$ 77,578.20
10635	Surface Paving Rte. 8 SM-9.5A	F,P	121.00	TON	\$ 19,972.26
NS	Temporary Paving	F,P	300.00	TON	\$ 42,972.00
NS	Asphalt Build Up Temp Detour	F,P	54.00	TON	\$ 7,734.96
NS	Asphalt Build Up NB	F,P	85.00	TON	\$ 12,175.40
NS	Asphalt Build Up SB	F,P	77.00	TON	\$ 11,029.48
12322	Asphalt Curbs	F,P	940.00	LF	\$ 20,623.60
12505	Asphalt Back Up Material	F,P	96.00	TON	\$ 21,181.44
11070	Saw Cut Asphalt		312.00	LF	\$ 3,428.88
16403	Final Surface Paving SMA-12.5	F,P	4365.00	TON	\$ 936,248.85
10628	Milling NB 0-2"	F	320.00	SY	\$ 1,878.40
10629	Milling NB 2-4"	F	11880.00	SY	\$ 110,008.80
16515	Milling NB 4-6"	F	225.00	SY	\$ 9,263.25
10629	Milling SB 2-4"	F	3740.00	SY	\$ 34,632.40
10629	Milling Ramps 2-4"	F	5460.00	SY	\$ 50,559.60
10628	Milling Rte. 8 0-2"	F	5170.00	SY	\$ 30,347.90
NS	Select Fill Temp Detour		3640.00	TON	\$ 105,487.20
10121	Aggr Base Temp Detour		3850.00	TON	\$ 150,034.50
NS	Select Fill NB		1900.00	TON	\$ 55,062.00
10121	Aggr Base NB		2320.00	TON	\$ 90,410.40
NS	Select Fill SB		3640.00	TON	\$ 105,487.20
10121	Aggr Base SB		7810.00	TON	\$ 304,355.70
10121	Aggr Base Rte. 8		500.00	TON	\$ 25,485.00
NS	Select Fill Ramp A		125.00	TON	\$ 3,622.50
10121	Aggr Base Ramp A		175.00	TON	\$ 6,819.75
NS	Select Fill Ramp B		165.00	TON	\$ 4,781.70
10121	Aggr Base Ramp B		190.00	TON	\$ 7,404.30
NS	Select Fill Ramp C		740.00	TON	\$ 21,445.20
10121	Aggr Base Ramp C		780.00	TON	\$ 30,396.60
NS	Select Fill Ramp D		550.00	TON	\$ 15,939.00
10121	Aggr Base Ramp D		569.00	TON	\$ 22,742.93
24430	Demo Of Pavement Temp Detour		6750.00	SY	\$ 48,600.00
24430	Demo Of Pavement NB		2050.00	SY	\$ 16,195.00
24430	Demo Of Pavement SB		6010.00	SY	\$ 43,272.00
24430	Demo Of Pavement Rte. 8		300.00	SY	\$ 4,197.00
24430	Demo Of Pavement Ramps		2970.00	SY	\$ 25,542.00
24400	Obscure Roadway		6800.00	SY	\$ 42,160.00
NS	Crane Pads For Bridges		4.00	EACH	\$ 23,584.76
NS	Demo Debris Shield NB		1.00	LS	\$ 18,990.53
NS	Demo Debris Shield SB		1.00	LS	\$ 18,990.53
67900	Demo Existing NB Bridge		1.00	LS	\$ 219,883.96
67900	Demo Existing SB Bridge		1.00	LS	\$ 219,883.96
68908	Asbestos NB		1.00	LS	\$ 843.98
68908	Asbestos SB		1.00	LS	\$ 843.98
68476	Lead Abatement NB		1.00	LS	\$ 19,893.86
68476	Lead Abatement SB		1.00	LS	\$ 19,893.86
24265	Maintain Existing Bridge SB		1.00	LS	\$ 28,675.77
24265	Maintain Existing Bridge NB		1.00	LS	\$ 23,308.85
NS	Shield-shoring For Utility Cables		1.00	LS	\$ 33,982.26
NS	Pile Extraction		1.00	LS	\$ 4,888.75
69011	Structure Excavation SB Bridge		488.00	CY	\$ 17,070.24

67904	Shoring For Support Of Excavation SB Bridge		1.00	LS	\$ 119,928.89
64112	Bearing Pile SB Bridge		1.00	LS	\$ 189,872.28
64765	Pile Points SB Bridge		1.00	LS	\$ 8,494.80
64101	Dynamic Pile Test SB Bridge		1.00	LS	\$ 5,425.60
69011	Structure Excavation NB Bridge		445.00	CY	\$ 15,566.10
67904	Shoring For Support Of Excavation NB Bridge		1.00	LS	\$ 119,928.89
64112	Bearing Pile NB Bridge		3928.00	LF	\$ 188,426.16
64765	Pile Points NB Bridge		1.00	LS	\$ 7,695.30
64101	Dynamic Pile Test NB Bridge		1.00	LS	\$ 5,425.60
NS	SB Bridge Abutment Footer A		185.00	CY	\$ 125,727.85
NS	SB Bridge Abutment Breastwall A		104.00	CY	\$ 114,334.48
NS	SB Abutment A Wingwall 1		44.00	CY	\$ 57,170.08
NS	SB Abutment A Wingwall 2		44.00	CY	\$ 57,170.08
NS	SB Abutment Footer B		185.00	CY	\$ 118,333.40
NS	SB Abutment Breastwall B		104.00	CY	\$ 97,702.80
NS	SB Abutment B Wingwall 1		44.00	CY	\$ 57,170.08
NS	SB Abutment B Wingwall 2		44.00	CY	\$ 57,170.08
NS	SB Bridge End Diaphragms A		37.00	CY	\$ 59,164.11
NS	SB Bridge End Diaphragms B		37.00	CY	\$ 59,164.11
64015	SB Bridge Select Fill A		1274.00	TON	\$ 42,016.52
64015	SB Bridge Select Fill B		1274.00	TON	\$ 42,016.52
NS	NB Abutment Footer A		185.00	CY	\$ 125,727.85
NS	NB Abutment Breastwall A		104.00	CY	\$ 114,334.48
NS	NB Abutment A Wingwall 1		44.00	CY	\$ 57,170.08
NS	NB Abutment A Wingwall 2		44.00	CY	\$ 57,170.08
NS	NB Abutment Footer B		185.00	CY	\$ 118,333.40
NS	NB Abutment B Breastwall		104.00	CY	\$ 97,702.80
NS	NB Abutment B Wingwall 1		44.00	CY	\$ 57,170.08
NS	NB Abutment B Wingwall 2		44.00	CY	\$ 57,170.08
NS	NB Bridge End Diaphragms A		37.00	CY	\$ 59,163.74
NS	NB End Diaphragms B		37.00	CY	\$ 59,164.11
64015	NB Bridge Select Fill A		1274.00	TON	\$ 42,016.52
64015	NB Select Fill B		1274.00	TON	\$ 42,016.52
61812	SB Bridge Structural Steel		1.00	LS	\$ 433,666.13
NS	SB Bridge Metal Deck		6720.00	SF	\$ 40,924.80
NS	SB Bridge Overhang Forms		280.00	LF	\$ 24,908.80
NS	SB Bridge Shear Studs		2190.00	EACH	\$ 9,110.40
NS	SB Bridge EF & Bulkheads		1.00	LS	\$ 4,762.30
67400	SB Bridge Deck Drains		2.00	EACH	\$ 7,016.52
61713	SB Bridge Deck Reinf. Steel		1.00	LS	\$ 161,896.95
NS	SB Bridge Deck Pour Set Up		1.00	LS	\$ 10,114.69
60420	SB Bridge Deck Pour		1.00	LS	\$ 66,953.73
NS	SB Bridge Deck Wet Cure		1.00	LS	\$ 5,235.93
62010	SB Bridge Terminals And Parapets West		144.00	LF	\$ 49,279.68
62010	SB Bridge Terminals And Parapets East		1.00	LS	\$ 42,880.54
68265	SB Bridge Approach Slabs A		85.00	CY	\$ 40,990.40
68270	Approach Slab Reinf. SB A		1.00	LS	\$ 26,090.00
68265	SB Bridge Approach Slabs B		1.00	LS	\$ 40,989.99
68270	Approach Slab Reinf SB B		1.00	LS	\$ 26,090.00
60495	SB Bridge Cover Depth Survey		1.00	LS	\$ 5,305.03
60490	SB Bridge Deck Groove		1.00	LS	\$ 6,698.45
61821	NB Bridge Structural Steel		1.00	LS	\$ 433,666.13

NS	NB Bridge Metal Deck		1.00	LS	\$	40,939.30
NS	NB Bridge Overhang Forms		1.00	LS	\$	24,987.80
NS	NB Bridge Shear Studs		2190.00	EACH	\$	9,110.40
NS	NB Bridge EF & Bulkheads		1.00	LS	\$	4,762.30
61713	NB Bridge Deck Reinf Steel		1.00	LS	\$	161,896.95
NS	NB Bridge Deck Pour Set Up		1.00	LS	\$	10,114.69
60420	NB Bridge Deck Pour		1.00	LS	\$	66,953.73
NS	NB Bridge Deck Wet Cure		1.00	LS	\$	5,235.93
62010	NB Bridge Terminals And Parapets West		1.00	LS	\$	49,279.28
62010	NB Bridge Terminals And Parapets East		1.00	LS	\$	42,880.54
68265	NB Bridge Approach Slabs A		1.00	LS	\$	40,989.99
68270	Approach Slab Reinf NB A		1.00	LS	\$	26,090.00
68265	NB Bridge Approach Slabs B		1.00	LS	\$	40,989.99
68270	Approach Slab Reinf NB B		1.00	LS	\$	26,090.00
60495	NB Bridge Cover Depth Survey		1.00	LS	\$	5,305.03
60490	NB Bridge Deck Groove		1.00	LS	\$	6,698.45
67260	Bridge Conduit System SB		1.00	LS	\$	26,985.26
67260	Bridge Conduit System NB		1.00	LS	\$	26,985.26
9185	Concrete Ditch PG-2A		635.00	SY	\$	82,505.55
67910	Access Under Bridge - NBIS		2.00	EACH	\$	8,770.00
NS	Guardrail Atten Repair		1.00	LS	\$	16,745.50
NS	Litter Pick Up		12.00	EACH	\$	4,804.92
NS	Road Kill Clean Up		1.00	LS	\$	1,601.63
NS	Pot Hole Repair		1.00	LS	\$	8,829.42
NS	Clean Storm Drains		1.00	LS	\$	9,194.01
00110	Clear And Grub		1.00	LS	\$	38,978.59
NS	Temp Detour Cut To Stockpile		20408.00	CY	\$	203,875.92
NS	Temp Detour Cut-waste		590.00	CY	\$	7,664.10
NS	Temp Detour Phase Waste		6356.00	CY	\$	55,233.64
NS	Temp Detour Undercut To Waste		1302.00	CY	\$	14,308.98
NS	Temp Detour Ditches		1302.00	CY	\$	2,238.88
NS	Temp Detour Unsuitable Waste		4015.00	CY	\$	39,306.85
NS	Temp Detour Fill Undercut		2604.00	TON	\$	91,087.92
NS	Temp Detour Fill From Stockpile		112.00	CY	\$	1,342.88
NS	Temp Detour Dress Slopes		1223.00	SY	\$	758.26
NS	Temp Detour FG Roadway		17480.00	SY	\$	40,204.00
NS	Temp Detour Borrow		1255.00	CY	\$	15,047.45
NS	NB Cut To Stockpile		782.00	CY	\$	7,812.18
NS	NB Cut To Waste		90.00	CY	\$	1,169.10
NS	NB Phase Waste		234.00	CY	\$	2,197.26
NS	NB Undercut To Waste		128.00	CY	\$	1,406.72
NS	NB Ditches		108.00	CY	\$	2,158.92
NS	NB Unsuitable Waste		649.00	CY	\$	6,353.71
NS	NB Fill Undercut		276.00	TON	\$	9,654.48
NS	NB Fill From Stockpile		3519.00	CY	\$	49,230.81
NS	NB Dress Slopes		26032.00	SY	\$	16,139.84
NS	NB Fg Roadway		19400.00	SY	\$	44,620.00
00140	NB Borrow		216.00	CY	\$	2,589.84
NS	SB Cut To Stockpile		10560.00	CY	\$	101,164.80
NS	SB Cut To Waste		1511.00	CY	\$	18,947.94
NS	SB Phase Waste		9615.00	CY	\$	78,554.55
NS	SB Undercut To Waste		677.00	CY	\$	6,851.24

NS	SB Ditch Excavation		106.00	CY	\$	1,917.54
NS	SB Unsuitable To Waste		1511.00	CY	\$	13,719.88
NS	SB Fill Undercut		1354.00	TON	\$	47,362.92
NS	SB Fill From Stockpile		145.00	CY	\$	1,957.50
NS	SB Dress Slopes		36784.00	SY	\$	20,599.04
NS	SB FG Roadway		22200.00	CY	\$	46,176.00
00140	SB Borrow		478.00	CY	\$	5,520.90
NS	Rte. 8 Cut To Stockpile		1676.00	CY	\$	22,626.00
NS	Rte. 8 Cut To Waste		1455.00	CY	\$	18,245.70
NS	Rte. 8 Unsuitable Excavation		385.00	CY	\$	3,495.80
NS	Rte. 8 Fill Undercut		135.00	TON	\$	4,722.30
NS	Rte. 8 Fill From Stockpile		112.00	CY	\$	1,229.76
NS	Rte. 8 Dress Slopes		4578.00	SY	\$	2,563.68
NS	Rte. 8 FG Roadway		1025.00	SY	\$	2,132.00
NS	Ramp A Fill From Stockpile		250.00	CY	\$	2,745.00
NS	Ramp B Fill From Stockpile		250.00	CY	\$	2,745.00
NS	Ramp C Cut To Stockpile		2306.00	CY	\$	22,091.48
NS	Ramp C Cut To Waste		2267.00	CY	\$	28,428.18
NS	Ramp C Ditch Excavation		31.00	CY	\$	560.79
NS	Ramp C Unsuitable Excavation		397.00	CY	\$	3,604.76
NS	Ramp C Fill Undercut		28.00	TON	\$	920.92
NS	Ramp C Fill From Stockpile		125.00	CY	\$	1,372.50
NS	Ramp C Dress Slopes		8276.00	SY	\$	4,634.56
NS	Ramp C FG Roadway		10912.00	SY	\$	22,696.96
NS	Ramp C Borrow		44.00	CY	\$	508.20
NS	Ramp D Cut To Stock Pile		3996.00	CY	\$	38,281.68
NS	Ramp D Cut To Waste		7539.00	CY	\$	94,539.06
NS	Ramp D Ditch Excavation		35.00	CY	\$	633.15
NS	Ramp D Unsuitable Excavation		794.00	CY	\$	7,209.52
NS	Ramp D Fill Undercut		87.00	TON	\$	2,861.43
NS	Ramp D Fill From Stock Pile		202.00	CY	\$	1,935.16
NS	Ramp D Dress Slopes		15633.00	SY	\$	8,754.48
NS	Ramp D FG Roadway		12316.00	SY	\$	25,617.28
NS	Ramp D Borrow		103.00	CY	\$	1,189.65
NS	Stockpile		1.00	LS	\$	7,922.18
25572	Construction Entrances Temp Detour		4.00	EACH	\$	38,038.04
25572	Construction Entrances Rte. 8		4.00	EACH	\$	38,038.04
00588	Underdrain UD-4		7300.00	LF	\$	87,527.00
00598	Modified UD-4 - 6"		2400.00	LF	\$	69,552.00
NS	Underdrain Cleanout		4.00	EACH	\$	4,397.40
00591	Crossdrain CD-2		100.00	LF	\$	1,899.00
00595	Outlet Pipe		500.00	LF	\$	13,990.00
00596	Endwall EW-12		9.00	EACH	\$	10,792.89
2090	Temporary 15" RC Pipe		224.00	LF	\$	16,343.04
07506	Temporary DI-5		1.00	EACH	\$	5,896.36
07508	Temporary DI-7		1.00	EACH	\$	5,596.59
08990	Temporary DI-12 #1		1.00	EACH	\$	4,797.11
08990	Temporary DI-12 #2		1.00	EACH	\$	4,797.11
08990	Temporary DI-12 #3		1.00	EACH	\$	4,797.11
08990	Temporary DI-12 #4		1.00	EACH	\$	4,797.11
08990	Temporary DI-12 #5		1.00	EACH	\$	4,797.11
01181	Bore And Jack 18" RCP		120.00	LF	\$	101,132.40

01301	Bore And Jack 30" RCP		65.00	LF	\$ 70,454.15
NS	Temp. Detour Drainage		1.00	LS	\$ 32,979.90
NS	New NB Roadway Drainage		1.00	LS	\$ 129,920.19
NS	New SB Roadway Drainage		1.00	LS	\$ 129,917.73
NS	Rte. 8 Drainage		1.00	LS	\$ 10,993.04
NS	Ramp A Drainage		1.00	LS	\$ 8,094.74
NS	Ramp B Drainage		1.00	LS	\$ 16,989.23
NS	Rip Rap Ditches		315.00	TON	\$ 18,572.40
10700	Rumble Strip		8500.00	LF	\$ 3,060.00

<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...).

**Attachment 4.8.3**  
**Monthly Payment Schedule**

I-81 Bridge Replacement at Exit 114  
Contract ID# C00093074DB96

<b>Period Ending (Month)</b>	<b>Projected Monthly Total</b>	<b>Projected Cumulative Total</b>
July-2018	\$118,488.00	\$118,488.00
August-2018	\$98,500.00	\$216,988.00
September-2018	\$409,650.00	\$626,638.00
October-2018	\$290,122.00	\$916,760.00
November-2018	\$1,253,155.00	\$2,169,915.00
December-2018	\$1,146,432.00	\$3,316,347.00
January-2019	\$235,982.00	\$3,552,329.00
February-2019	\$385,439.00	\$3,937,768.00
March-2019	\$376,847.00	\$4,314,615.00
April-2019	\$435,113.00	\$4,749,728.00
May-2019	\$419,134.00	\$5,168,862.00
June-2019	\$634,957.00	\$5,803,819.00
July-2019	\$736,192.00	\$6,540,011.00
August-2019	\$373,210.00	\$6,913,221.00
September-2019	\$432,295.00	\$7,345,516.00
October-2019	\$825,798.00	\$8,171,314.00
November-2019	\$1,011,454.00	\$9,182,768.00
December-2019	\$467,861.00	\$9,650,629.00
January-2020	\$443,000.00	\$10,093,629.00
February-2020	\$635,664.00	\$10,729,293.00
March-2020	\$435,000.00	\$11,164,293.00
April-2020	\$407,116.00	\$11,571,409.00
May-2020	\$434,985.00	\$12,006,394.00
June-2020	\$658,241.00	\$12,664,635.00
July-2020	\$440,330.00	\$13,104,965.00
August-2020	\$834,000.00	\$13,938,965.00
September-2020	\$465,391.00	\$14,404,356.00
October-2020	\$637,221.82	\$15,041,577.82
November-2020	\$481,592.00	\$15,523,169.82
December-2020	\$885,000.00	\$16,408,169.82
January-2021	\$385,000.00	\$16,793,169.82
February-2021	\$581,265.00	\$17,374,434.82
March-2021	\$435,100.00	\$17,809,534.82
April-2021	\$631,665.00	\$18,441,199.82
May-2021	\$534,254.00	\$18,975,453.82
June-2021	\$437,119.00	\$19,412,572.82
July-2021	\$833,000.00	\$20,245,572.82
August-2021	\$439,135.00	\$20,684,707.82
September-2021	\$572,987.00	\$21,257,694.82
October-2021	\$992,301.00	\$22,249,995.82
November-2021	\$540,000.00	\$22,789,995.82

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

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

October 23, 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 (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.virginiadot.org/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: APRIL 4, 2018

Signature: 

Design-builder: Orders Construction Company, Inc.

Vendor No.: 0017

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
PROPOSAL GUARANTY**

KNOW ALL MEN BY THESE PRESENTS, THAT WE Orders Construction Company, Inc. As principal, and Fidelity and Deposit Company of Maryland 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 4th Day of April, 2018

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

PROJECT NUMBER: 0081-154-733,R201,C501,B601,B616; Fed No.: NHPP-081-2(992)  
181 Bridge Replacement at Exit 114

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.

Orders Construction Company, Inc.  
(Principal\*)

Fidelity and Deposit Company of Maryland  
(Surety Company)

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

By: [Signature]  
(Attorney-in-Fact\*\*) (Seal)

Douglas P. Taylor  
One Hillcrest Drive E, Charleston WV 25311  
(Address)

(Principal\*)

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

By: \_\_\_\_\_  
(Surety Company)

(Principal\*)

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

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

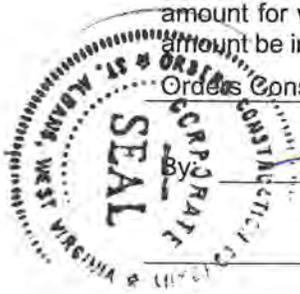
By: \_\_\_\_\_  
(Address)

\*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



**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 **DAVID MCVICKER, 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 **Andrew K. TEETER, Kimberly L. MILES, Douglas P. TAYLOR, Kimberly S. BURDETTE, Christopher A. MICHEL, Tammy S. SELBE and Jaime L. CARPENTER, all of Charleston, West Virginia, 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.

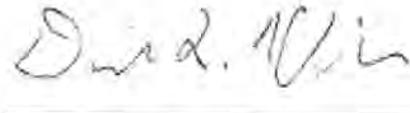
IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 15th day of September, A.D. 2017.

**ATTEST:**

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



By:   
*Secretary*  
*Michael McKibben*

  
*Vice President*  
*David McVicker*

**State of Maryland**  
**County of Baltimore**

On this 15th day of September, A.D. 2017, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **DAVID MCVICKER, Vice President, and MICHAEL MCKIBBEN, 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, deposeth 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.





**Constance A. Dunn, Notary Public**  
My Commission Expires: July 9, 2019

**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 4th day of April, 2018.



Michael Bond, Vice President

**TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT ALL REQUIRED INFORMATION TO:**

Zurich American Insurance Co.  
Attn: Surety Claims  
1299 Zurich Way  
Schaumburg, IL 60196-1056

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0081-154-733

FHWA: NHPP-081-2(992)

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 Wythe County - Virginia, this 4th day of April, 20 18  
County (City), STATE  
Orders Construction Company, Inc. By: [Signature] PRESIDENT  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Wythe

To-wit:

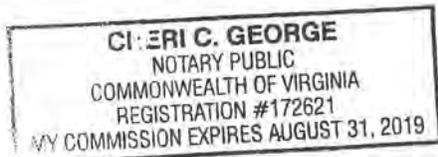
I Cheri C. George, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Nathaniel R. Orders personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 4th day of April, 20 18  
Cheri C. George My Commission expires August 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))





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.

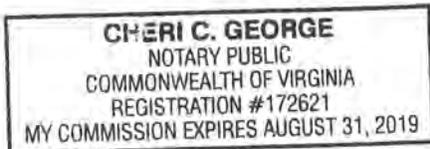
The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Wythe County - Virginia, this 4th day of April, 20 18  
County (City), STATE  
Orders Construction Company, Inc. By: *[Signature]* PRESIDENT  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Wythe

To-wit: I Cheri C. George, a Notary Public in and for the State and  
County(City) aforesaid, hereby certify that this day Nathaniel R. Orders

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 4th day of April, 20 18  
*[Signature]* My Commission expires August 19, 2018  
Notary Public





*in conjunction with*



*Subconsultants:*

