

Response to Request for Proposals

# I-64 WIDENING EXIT 200 TO 205

Henrico and New Kent Counties, Virginia

State Project No.: 0064-043-602

Federal Project No.: NHPP-064-3(499)

Contract ID Number: C00107458DB95

## PRICE PROPOSAL



SUBMITTED BY:



IN ASSOCIATION WITH:



ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL  
CHECKLIST**

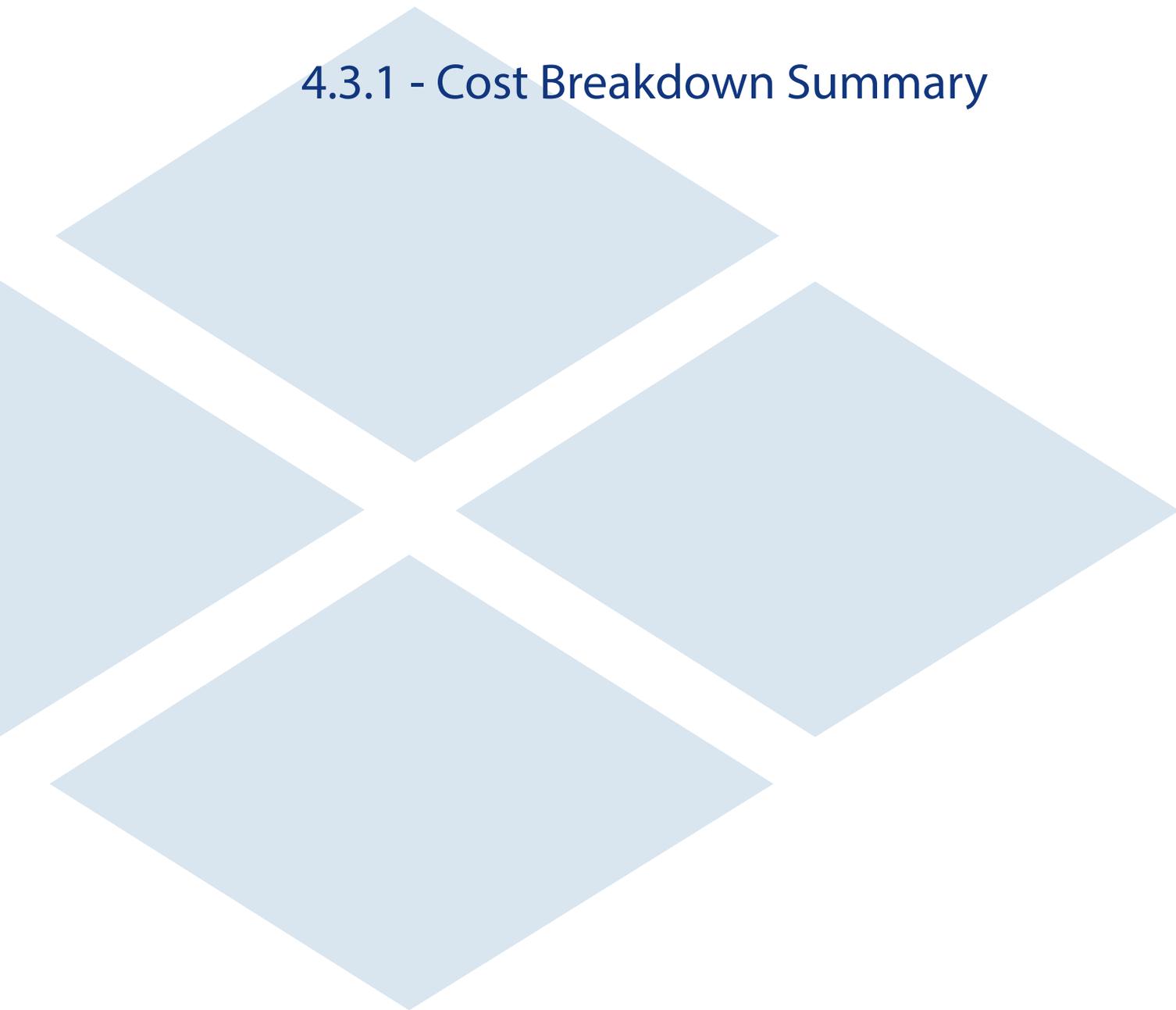
**Project Name: I-64 Widening Exit 200 to 205  
Contract ID Number: C00107458DB95**

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➤ **Contents of Price Proposal:**

- Proposal Price, in both numbers and words (Attachment 4.3.1)**
  - Schedule of Items itemized in accordance with Part 1, Section 4.3.2, 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 4.3.3**
  - 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 4.3.6(a) and 4.3.6(b))**
  - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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## 4.3.1 - Cost Breakdown Summary



**ATTACHMENT 4.3.1**

**PRICE PROPOSAL FORM**

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

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>6,000,000.00</u>
Construction Services (exclude QA/QC), LS	\$ <u>38,483,602.00</u>
Quality Assurance (QA) (Construction), LS	\$ <u>950,000.00</u>
Quality Control (QC) (Construction), LS	\$ <u>1,450,000.00</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): Forty six million, eight hundred eighty three thousand, six hundred and two dollars and zero cents. (\$ 46,883,602.00 )

Signature:  Date: June 22, 2017

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018

## 4.3.2 - Schedule of Items

**Attachment 4.3.2**

**I-64 Widening Exit 200 to 205, State Project 0064-043-602**

**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: 6/22/2017**

<b>VDOT Item Code <sup>1</sup></b>	<b>Item Description</b>	<b>Fuel (F) or Price (P) Adjustment</b>	<b>Approximate Quantity</b>	<b>Units<sup>1</sup></b>	<b>Budgeted Cost (\$)</b>
00100	MOBILIZATION		1.00	LS	\$2,360,000.00
00101	CONSTRUCTION SURVEYING (CONSTR.)		1.00	LS	\$325,000.00
00110	CLEARING AND GRUBBING		1.00	LS	\$1,175,000.00
00120	REGULAR EXCAVATION	(F)	109,100.00	CY	\$2,727,500.00
00212	MINOR STR. EXCAV. BOX CULVERT	(F)	550.00	CY	\$165,000.00
00355	GEOTEXTILE (SUBGRADE STAB.)		41,500.00	SY	\$124,500.00
00522	CONCRETE CLASS A4 BOX CULVERT	(F)	262.00	CY	\$262,000.00
00525	CONCRETE CLASS A3 MISC.	(F)	50.00	CY	\$35,000.00
00529	FLOWABLE BACKFILL	(F)	300.00	CY	\$60,000.00
00540	REINF. STEEL		30,780.00	LB	\$30,780.00
00588	UNDERDRAIN UD-4		39,600.00	LF	\$356,400.00
00590	COMB. UNDERDRAIN CD-1		200.00	LF	\$6,000.00
00591	COMB. UNDERDRAIN CD-2		200.00	LF	\$6,000.00
00595	OUTLET PIPE		6,000.00	LF	\$108,000.00
00596	ENDWALL EW-12		130.00	EA	\$81,250.00
00700	POST INSTALLATION INSPECTION		1,290.00	LF	\$32,250.00
01246	STORM SEWER PIPE 24"		710.00	LF	\$63,900.00
01306	STORM SEWER PIPE 30"		120.00	LF	\$14,400.00
01366	STORM SEWER PIPE 36"		360.00	LF	\$57,600.00
01486	STORM SEWER PIPE 48"		40.00	LF	\$9,800.00
01606	STORM SEWER PIPE 60"		60.00	LF	\$20,100.00
02091	NS PIPE FIELD CONNECTION		18.00	EA	\$99,000.00
06241	24" END SECTION ES-1		2.00	EA	\$3,380.00
06241	24" END SECTION ES-11		2.00	EA	\$11,800.00
06301	36" END SECTION ES-1		1.00	EA	\$2,500.00
07508	DROP INLET		20.00	EA	\$220,000.00
09056	MANHOLE MH-1 OR 2		1.00	EA	\$10,000.00
09149	EROS.CONTR.STONE CL. A1 EC-1	(F)	200.00	TON	\$18,000.00
09150	EROS.CONTR.STONE CL. I, EC-1	(F)	300.00	TON	\$33,000.00
09185	PAVED DITCH PG-2A		500.00	SY	\$30,000.00
09250	SLOPE DRAIN		12.00	EA	\$14,400.00
10128	AGGR. BASE MATL. TY. I NO. 21B	(F)	31,070.00	TON	\$776,750.00
10498	NS PAVEMENT SAWCUT FULL DEPTH		40,000.00	LF	\$160,000.00
10655	ASPHALT CONCRETE TY. SMA-19.0 (64E-22)	(F&P)	7,660.00	TON	\$842,600.00
10610	ASPHALT CONCRETE TY. IM-19.0A	(F&P)	2,565.00	TON	\$218,025.00
10628	FLEXIBLE PAVE.PLANING 0"-2"		163,410.00	SY	\$212,433.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
10653	ASPHALT CONCRETE TY. SMA-12.5 (64E-22)	(F&P)	25,155.00	TON	\$2,767,050.00
10608	ASPHALT CONCRETE TY. SM-12.5D	(F&P)	6,975.00	TON	\$558,000.00
10642	ASPHALT CONCRETE TY. BM-25.0D+0.4	(F&P)	45,480.00	TON	\$2,865,240.00
10700	RUMBLE STRIP, ASPHALT	(F&P)	84,530.00	LF	\$25,359.00
13315	GUARDRAIL TERMINAL GR-11		15.00	EA	\$14,250.00
13320	GUARDRAIL GR-2		13,625.00	LF	\$272,500.00
13345	ALT.BREAKAWAY CABLE TERM.(GR-9)		14.00	EA	\$37,800.00
13355	GUARDRAIL GR-10		200.00	LF	\$6,000.00
13392	FIXED OBJECT ATTACH. GR-FOA-2 TY. I		5.00	EA	\$13,500.00
13393	FIXED OBJECT ATTACH. GR-FOA-2 TY. II		5.00	EA	\$3,125.00
13462	MEDIAN BARRIER - PIER PROTECTION		200.00	LF	\$30,000.00
13610	IMPACT ATT.SER.TY.III(TL-3>45 MPH DES SP		6.00	EA	\$114,000.00
13753	SOUND BARRIER WALL		68,496.00	SF	\$3,767,280.00
22645	FENCE FE-CL VINYL COATED		600.00	LF	\$15,000.00
23560	TEMP. SAFETY FENCE 4'		5,000.00	LF	\$20,000.00
24279	PORT.CHANGEABLE MESSAGE SIGN		1.00	LS	\$125,000.00
24160	CONSTRUCTION SIGNS		1,600.00	SF	\$96,000.00
24282	TRAFFIC CONTROL & MAINT.		1.00	LS	\$1,350,000.00
13496	TRAFFIC BARRIER SER. CONC. MB-10		1,200.00	LF	\$114,000.00
24290	TRAFFIC BARRIER SER. CONC.		32,600.00	LF	\$815,000.00
24360	NS SAFETY TOW WRECKER SERVICE		1.00	LS	\$375,000.00
24420	DEMO. OF PAVEMENT (RIGID)		1,025.00	SY	\$82,000.00
24430	DEMO. OF PAVEMENT (FLEXIBLE)		11,100.00	SY	\$66,600.00
24601	NS REMOVE EXIST. GUARDRAIL ...		7,500.00	LF	\$37,500.00
24602	NS REMOVE EXIST. FENCE ...		5,000.00	LF	\$25,000.00
24801	NS REMOVE EXIST. DROP INLET ...		12.00	EA	\$24,000.00
24825	NS MODIFY EXIST. DROP INLET		5.00	EA	\$10,000.00
25505	FIELD OFFICE TY.1 MODIFIED		24.00	MO	\$96,000.00
25561	FORMAL PARTNERING		1.00	LS	\$9,500.00
25565	PROGRESS SCHEDULE BASELINE		1.00	LS	\$125,000.00
25567	PROGRESS SCHEDULE UPDATES		1.00	LS	\$30,000.00
26119	DRY RIPRAP CL.1	(F)	1,100.00	TON	\$110,000.00
27022	RESPREAD TOPSOIL CL.A	(F)	14,100.00	CY	\$141,000.00
27102	SITE SEEDING		232,400.00	SY	\$232,400.00
27325	SOIL STAB. MAT EC-3		10,700.00	SY	\$85,600.00
27410	CHECK DAM, ROCK		300.00	EA	\$105,000.00
27422	DEWATERING BASIN		4.00	EA	\$140,000.00
27430	SILTATION CONTROL MAINT.		1.00	LS	\$200,000.00
27440	MOWING		1.00	LS	\$7,500.00
27451	INLET PROTECTION		40.00	EA	\$24,000.00
27505	TEMP. SILT FENCE (STD. & SUPER)		41,000.00	LF	\$205,000.00
27580	TEMP. SEDIMENT TRAP		8.00	EA	\$24,000.00
50108	SIGN PANEL - GROUND MNT		1,404.00	SF	\$280,800.00
50902	TRAFFIC SIGN O/H SIGN		7.00	EA	\$875,000.00
54075	TY.B CL.VI PAVE. LINE MARK.		113,680.00	LF	\$397,880.00

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
54079	TY.B CL.VI PAVE.LINE MARK. CONT		1,315.00	LF	\$6,575.00
54105	ERAD. OF EXIST.PAVE.MARKING		77,000.00	LF	\$38,500.00
54210	REM.EXIST.RAISED PAVE. MARKER		900.00	EA	\$13,500.00
54217	SNOW PLOW.RAISED PAVE.MARK.ASPH.CONC		905.00	EA	\$27,150.00
54218	SNOW PLOW.RAISED PAVE.MARK.HYD. CONC		35.00	EA	\$1,400.00
54552	CONSTR.PAVE.MARK.		76,455.00	LF	\$76,455.00
55185	PROJECT LIGHTING		1.00	EA	\$125,000.00
60404	CONCRETE CLASS A4	(F)	1,104.00	CY	\$1,324,800.00
60450	CONC. CL. A4 BRIDGE APPR. SLAB	(F)	250.00	CY	\$125,000.00
60452	REINF. STEEL BRIDGE APPR. SLAB		67,600.00	LB	\$67,600.00
60490	BRIDGE DECK GROOVING		3,645.00	SY	\$18,225.00
61232	PREST.CONC.BEAM,BULB-T		40.00	EA	\$1,040,000.00
61703	CR REINF. STEEL SOLID STAINLESS		256,220.00	LB	\$896,770.00
62010	CONCRETE PARAPET		1,052.00	LF	\$315,600.00
64005	SELECT MATL. TY. I MIN. CBR-30	(F)	10,300.00	TON	\$309,000.00
64045	TEMP. SUPPORT OF EXCAVATION		3,200.00	SF	\$320,000.00
64011	STRUCTURE EXCAVATION	(F)	6,300.00	CY	\$315,000.00
64030	POROUS BACKFILL		1.00	LS	\$25,000.00
64036	PIPE UNDERDRAIN 6"		200.00	LF	\$5,000.00
64112	STEEL PILES		10,876.00	LF	\$761,320.00
65013	CONCRETE CLASS A3	(F)	1,536.00	CY	\$1,075,200.00
65200	REINF. STEEL		241,910.00	LB	\$241,910.00
66115	TEMPORARY CAUSEWAY		1.00	LS	\$450,000.00
66120	COFFERDAM		1.00	LS	\$350,000.00
70000	PROJECT WIDE DEMO.		1.00	LS	\$725,000.00
68590	BRIDGE REPAIR: BEARING REMOVAL & REPLACE		1.00	LS	\$385,000.00
68600	BRIDGE REPAIR: SURF. REPAIR DIAPHRAGMS		19.00	SY	\$50,445.00
68580	BRIDGE REPAIR: CONC. BEAM END REPAIR		16.00	EA	\$84,800.00
68580	BRIDGE REPAIR: SURF. REPAIR BEAMS		1.00	SY	\$3,500.00
68155	BRIDGE REPAIR: RX & REPLACE BEAM & DIAPHRAGMS		1.00	EA	\$50,000.00
68342	BRIDGE REPAIR: CRACK REPAIR TY.B EPOXY		19.00	LF	\$11,400.00
68600	BRIDGE REPAIR: SUBSTRUCTURE SURF.REPAIR		2.00	SY	\$10,800.00
68600	BRIDGE REPAIR: EMBEDDED GALV. ANODE		2.00	EA	\$900.00
68342	BRIDGE REPAIR: CRACK REPAIR TY.B EPOXY		225.00	LF	\$112,500.00
85140	CLEAN & REPAIR EXISTING PIPE CULVERT		14.00	EA	\$280,000.00
85140	CLEAN & REPAIR EXISTING BOX CULVERT		8.00	EA	\$200,000.00
62510	ELECT. OPERATING EQUIP. CCTV		1.00	LS	\$625,000.00
40012	UTILITY RELOCATION		1.00	LS	\$200,000.00
70093	DESIGN BUILD RIGHT OF WAY		1.00	LS	\$75,000.00
25595	QA TESTING		1.00	LS	\$950,000.00
25595	QC TESTING		1.00	LS	\$1,450,000.00
28800	WETLAND MITIGATION		1.00	LS	\$350,000.00
25591	DESIGN BUILD ENGINEERING		1.00	LS	\$6,000,000.00
				<b>TOTAL</b>	<b>\$46,883,602.00</b>

VDOT Item Code <sup>1</sup>	Item Description	Fuel (F) or Price (P) Adjustment	Approximate Quantity	Units <sup>1</sup>	Budgeted Cost (\$)
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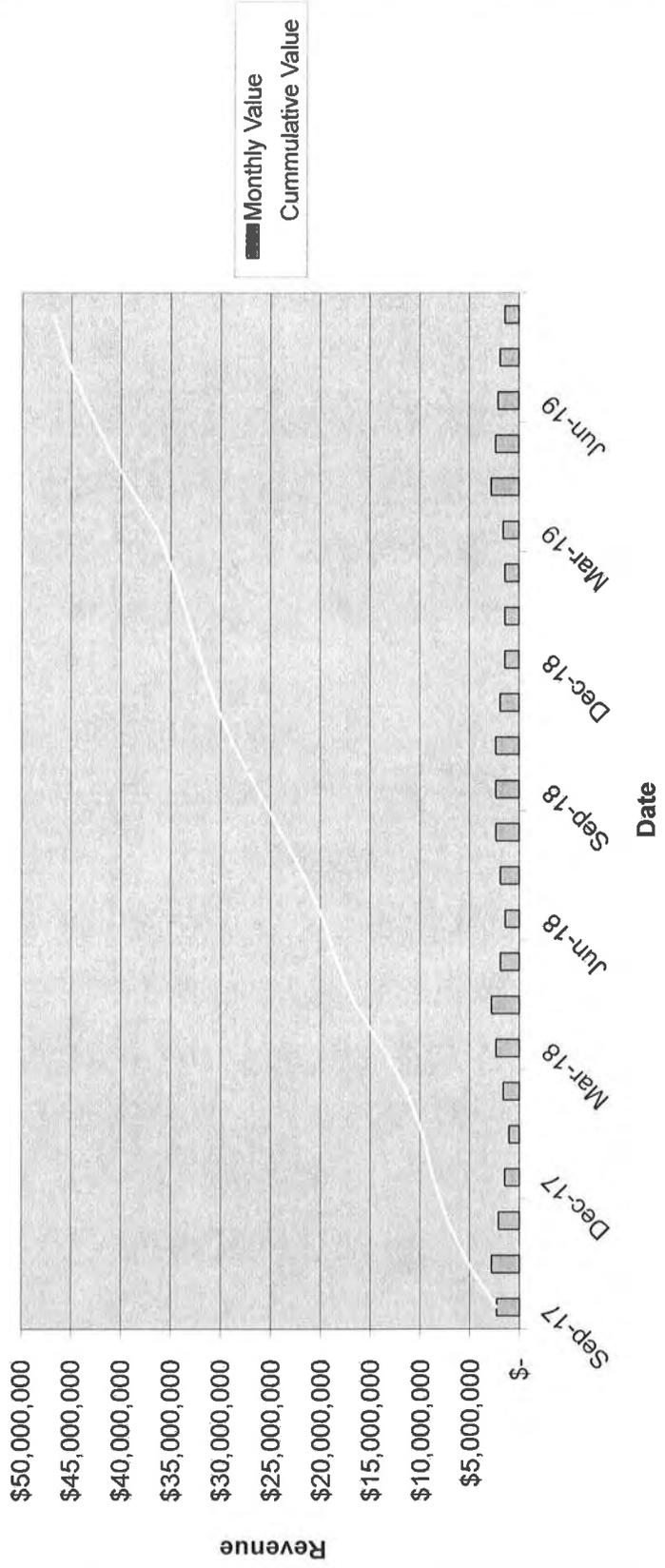
<sup>1</sup> Use five-digit work item codes and units of measure that are consistent with VDOT's list of standard and non-standard Item codes (i.e. 00100-Mobilization; 00120-Regular Excavation, etc...).

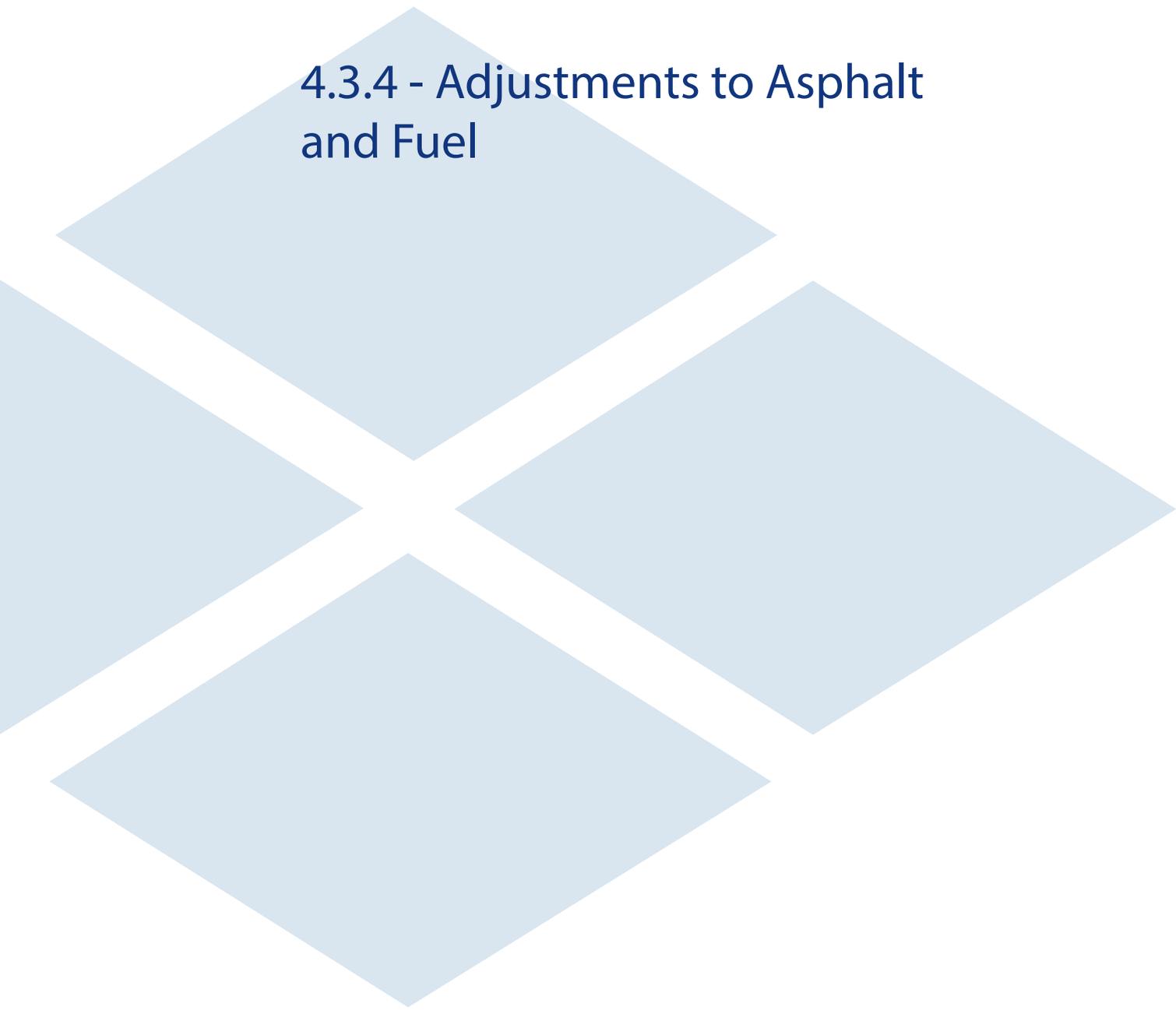
### 4.3.3 - Monthly Payment Schedule

### Monthly Payment Schedule

<b>Period Ending (Month)</b>	<b>Projected Monthly Total:</b>	<b>Projected Cumulative Total:</b>
September 2017	\$ 2,297,296	\$ 2,297,296
October 2017	\$ 2,813,016	\$ 5,110,313
November 2017	\$ 2,109,762	\$ 7,220,075
December 2017	\$ 1,467,457	\$ 8,687,531
January 2018	\$ 1,026,751	\$ 9,714,282
February 2018	\$ 1,608,108	\$ 11,322,390
March 2018	\$ 2,344,180	\$ 13,666,570
April 2018	\$ 2,813,016	\$ 16,479,586
May 2018	\$ 1,875,344	\$ 18,354,930
June 2018	\$ 1,406,508	\$ 19,761,438
July 2018	\$ 1,875,344	\$ 21,636,782
August 2018	\$ 2,344,180	\$ 23,980,962
September 2018	\$ 2,344,180	\$ 26,325,143
October 2018	\$ 2,344,180	\$ 28,669,323
November 2018	\$ 1,875,344	\$ 30,544,667
December 2018	\$ 1,406,508	\$ 31,951,175
January 2019	\$ 1,406,508	\$ 33,357,683
February 2019	\$ 1,406,508	\$ 34,764,191
March 2019	\$ 1,570,601	\$ 36,334,792
April 2019	\$ 2,813,016	\$ 39,147,808
May 2019	\$ 2,344,180	\$ 41,491,988
June 2019	\$ 2,109,762	\$ 43,601,750
July 2019	\$ 1,875,344	\$ 45,477,094
August 2019	\$ 1,406,508	\$ 46,883,602
	<b>\$ 46,883,602.00</b>	

### Projected Revenue Curve





## 4.3.4 - Adjustments to Asphalt and Fuel

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

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

March 17, 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. Rutfilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD
16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD

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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: 0064-043-602

DISTRICT: Richmond

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 \$ \_\_\_\_\_ 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: June 20, 2017

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

Shirley Contracting Company, LLC  
(Firm or Corporation)

S018  
(Vendor No.)

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

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

June 30, 2011  
(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: June 20, 2017

Signature: 

Design-builder: Shirley Contracting Co.

Vendor No.: S018



## 4.3.5 - Proposal Guaranty

## 4.3.6 - Sworn Statement Forms

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0064-043-602

FHWA: NHPP-064-3 (499)

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 Fairfax, VA, this 22 day of June, 20 17  
County (City), STATE  
Shirley Contracting Company, LLC  
(Name of Firm) By: [Signature] President/CEO/Manager  
STATE of Virginia COUNTY (CITY) of Fairfax Title (print)

To-wit: I Jessica Palma, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Michael E. Post

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 22nd day of June, 20 17  
My Commission expires 11/30/2020

Notary Public [Signature]

**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

By: \_\_\_\_\_  
(Name of Firm) (Signature) Title (print)





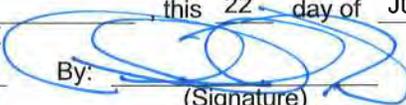
**ORDER NO.:**  
**CONTRACT ID. NO.:**

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 bidder 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.

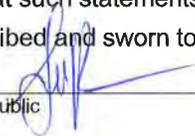
The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Fairfax, VA, this 22 day of June, 20 17  
County (City), STATE  
Shirley Contracting Company, LLC By:  President/CEO/Manager  
(Name of Firm) (Signature) Title (print)  
STATE of Virginia COUNTY (CITY) of Fairfax

To-wit: I Jessica Palma, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Michael E. Post

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 22 day of June, 20 17  
My Commission expires 11/30/2020

  
Notary Public

