

RESPONSE TO REQUEST FOR PROPOSALS

Rolling Road/Franconia-Springfield Parkway Interchange Improvements

A DESIGN-BUILD PROJECT

FROM: 0.30 MILES WEST OF ROLLING ROAD

TO: 0.34 MILES EAST OF ROLLING ROAD

FROM: 0.21 MILES SOUTH OF FAIRFAX COUNTY PARKWAY

TO: 0.18 MILES NORTH OF FAIRFAX COUNTY PARKWAY

FAIRFAX COUNTY, VIRGINIA

State Project No.: 0286-029-947, PE101, RW201, C501, B623

Contract ID Number: C00100391DB61

PRICE PROPOSAL



SUBMITTED TO:



SUBMITTED BY:



IN ASSOCIATION WITH:



ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: Rolling Road/Franconia-Springfield Parkway Interchange
Improvements**

Contract ID Number: C00100391DB61

➤ **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, Asphalt and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
 - Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
 - Sworn Statement Forms (C-104, C-105, Attachments 4.3.6(a) and 4.3.6(b))**
 - DBE Requirements Forms (C-111, C-49 and C-112) as applicable (Attachments 4.3.7(a), 4. 3.7(b) and 4. 3.7(c))**
 - CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
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4.3.1 Cost Breakdown Summary and Proposal Price

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>1,220,000.</u> |
| Mobilization (Construction), LS | \$ <u>575,000.</u> |
| Quality Assurance (QA) (Construction), LS | \$ <u>450,000.</u> |
| Quality Control (QC) (Construction), LS | \$ <u>620,000.</u> |
| Earthwork, LS | \$ <u>1,680,150.</u> |
| Roadway Incidentals, LS | \$ <u>796,570.</u> |
| Bridge (Structures), LS | \$ <u>876,450.</u> |
| Drainage (Structures), LS | \$ <u>488,200.</u> |
| Utilities, LS | \$ <u>Ø</u> |
| Pavement, LS | \$ <u>2,027,935.</u> |
| Permanent Traffic Control/Signage, LS | \$ <u>1,468,059.</u> |
| Maintenance of Traffic, LS | \$ <u>533,840.</u> |
| All Others Costs, LS | \$ <u>243,100.</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): Ten Million Nine Hundred Seventy Nine Thousand
Three Hundred Four Dollars (\$ 10,979,304.⁰⁰)

Signature:  Date: December 12, 2013

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018

SCHEDULE OF ITEMS

This schedule of values shall identify the material quantities and costs of each proposed work package, using the WBS established in the Proposal Schedule submitted by the Offeror. The material quantities and costs listed for each proposed work package shall, to the extent possible, correspond to VDOT's list of standard and non-standard pay items. Any items considered for price adjustments shall be identified. The value associated with each work task shall be inclusive of all direct and indirect costs, overhead, profit and any other expenses of any kind. The values and quantities shall be clearly supported by the escrowed pricing documents.

| Activity ID 1 | Work Package Description 2 | Fuel (F) or Price (P) Adjustment | VDOT Item Number 3 | VDOT Material Item Description 3 | Quantity | Unit | Budgeted Cost (\$) |
|--|-----------------------------|----------------------------------|--------------------|----------------------------------|----------|------|--------------------|
| GEN-1000 | STAGE 1 CONSTRUCTION | | 00100 | MOBILIZATION | 1.00 | LS | \$ 575,000.00 |
| GEN-1000 | STAGE 1 CONSTRUCTION | | 00101 | CONSTRUCTION SURVEYING (CONSTR.) | 1.00 | LS | \$ 100,000.00 |
| ST2-1100 | STAGE 2 CONSTRUCTION | | 00110 | CLEARING AND GRUBBING | 1.00 | LS | \$ 150,000.00 |
| ST1-1100, ST1-2200, ST2-1300, ST2-2250, ST2-4350, ST3-1150 | STAGE 1, 2 & 3 CONSTRUCTION | (F) | 00120 | REGULAR EXCAVATION | 40530.00 | CY | \$ 810,600.00 |
| ST1-1100, ST1-2200, ST2-1300, ST2-2250, ST2-4350, ST3-1150 | STAGE 1, 2 & 3 CONSTRUCTION | | 00355 | GEOTEXTILE (SUBGRADE STAB.) | 14700.00 | SY | \$ 20,580.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | (F) | 00529 | FLOWABLE BACKFILL | 60.00 | CY | \$ 19,500.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 00588 | UNDERDRAIN UD-4 | 6300.00 | LF | \$ 50,400.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 00595 | OUTLET PIPE | 320.00 | LF | \$ 3,840.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 00596 | ENDWALL EW-12 | 16.00 | EA | \$ 16,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 00700 | POST INSTALLATION INSPECTION | 1270.00 | LF | \$ 10,160.00 |
| ST2-5260 | STAGE 2 BRIDGE WORK | | 01060 | 6" PIPE - BRIDGE DRAINAGE | 200.00 | LF | \$ 5,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 01156 | STORM SEWER PIPE 15" | 240.00 | LF | \$ 24,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 01186 | STORM SEWER PIPE 18" | 410.00 | LF | \$ 41,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 01246 | STORM SEWER PIPE 24" | 620.00 | LF | \$ 86,800.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 02091 | NS PIPE FIELD CONNECTION | 7.00 | EA | \$ 14,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 06181 | 18" END SECTION ES-1 | 1.00 | EA | \$ 1,100.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 06241 | 24" END SECTION ES-1 | 2.00 | EA | \$ 2,600.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 06819 | DROP INLET DI-3 INLET | 3.00 | EA | \$ 18,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 08264 | DROP INLET DI-10K | 8.00 | EA | \$ 88,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 08912 | DROP INLET DI-12 | 5.00 | EA | \$ 27,500.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 08965 | DROP INLET DI-13 TY.II | 2.00 | EA | \$ 20,000.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 09056 | MANHOLE MH-1 OR 2 | 6.00 | EA | \$ 38,400.00 |
| ST1-1050, ST1-2060, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 09057 | FRAME & COVER MH-1 | 6.00 | EA | \$ 3,300.00 |



SCHEDULE OF ITEMS

This schedule of values shall identify the material quantities and costs of each proposed work package, using the WBS established in the Proposal Schedule submitted by the Offeror. The material quantities and costs listed for each proposed work package shall, to the extent possible, correspond to VDOT's list of standard and non-standard pay items. Any items considered for price adjustments shall be identified. The value associated with each work task shall be inclusive of all direct and indirect costs, overhead, profit and any other expenses of any kind. The values and quantities shall be clearly supported by the escrowed pricing documents.

| Activity ID ¹ | Work Package Description ² | Fuel (F) or Price (P) Adjustment | VDOT Item Number ³ | VDOT Material Item Description ³ | Quantity | Unit | Budgeted Cost (\$) |
|--|---------------------------------------|----------------------------------|-------------------------------|---|----------|------|--------------------|
| ST1-1050,ST1-2080,ST2-1400,ST3-1200,ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | (F) | 09149 | EROS.CONTR.STONE CL. A1 EC-1 | 300.00 | TON | \$ 25,500.00 |
| ST1-1110,ST1-2300 | STAGE 1 & 2 CONSTRUCTION | (F) | 10017 | CEM.S.AGR.BAS.MATL.TY.I.N.21A | 7725.00 | TON | \$ 347,625.00 |
| ST1-1110,ST1-2300 | STAGE 1 & 2 CONSTRUCTION | (F) | 10128 | AGGR. BASE MATL. TY. I NO. 21A | 14445.00 | TON | \$ 54,425.00 |
| ST1-1030,ST1-2020 | STAGE 1 CONSTRUCTION | | 10498 | NS PAVEMENT SAWCUT FULL DEPTH | 9900.00 | LF | \$ 39,600.00 |
| ST2-1700,ST1-1350 | STAGE 1 & 2 CONSTRUCTION | (F&P) | 10610 | ASPHALT CONCRETE TY. IM-19.0A | 2755.00 | TON | \$ 275,500.00 |
| ST4-2400,ST4-2500 | STAGE 4 FINAL MILLING AND PAVING | (F) | 10628 | FLEXIBLE PAVE.PLANING 0"-2" | 39950.00 | SY | \$ 139,825.00 |
| ST4-2400,ST4-2500 | STAGE 4 FINAL MILLING AND PAVING | (F) | 10629 | FLEXIBLE PAVE.PLANING 2"-4" | 4800.00 | SY | \$ 24,000.00 |
| ST3-3340 | STAGE 3 CONSTRUCTION | (F&P) | 10635 | ASPHALT CONCRETE TY. SM-9.5A - TRAIL | 80.00 | TON | \$ 13,200.00 |
| ST4-2400,ST4-2500 | STAGE 4 FINAL MILLING AND PAVING | (F&P) | 10636 | ASPHALT CONCRETE TY. SM-9.5D | 7065.00 | TON | \$ 635,850.00 |
| ST2-1700,ST1-1350 | STAGE 1 & 2 CONSTRUCTION | (F&P) | 10062 | ASPH. STAB. OPEN GRADED MATERIAL | 150.00 | TON | \$ 12,750.00 |
| ST2-1700,ST1-1350 | STAGE 1 & 2 CONSTRUCTION | (F&P) | 10642 | ASPHALT CONCRETE TY. BM-25.0A | 6220.00 | TON | \$ 485,160.00 |
| ST3-3300 | STAGE 3 CONSTRUCTION | | 12030 | STD. CURB CG-3 | 2900.00 | LF | \$ 60,900.00 |
| ST3-3300 | STAGE 3 CONSTRUCTION | | 13108 | CG-12 WARNING SURF. TRUNC.DOME | 12.00 | SY | \$ 2,400.00 |
| ST3-3300 | STAGE 3 CONSTRUCTION | | 13220 | HYDR. CEMENT CONC. SIDEWALK 4" | 100.00 | SY | \$ 5,500.00 |
| ST2-1150,ST2-2380 | STAGE 2 CONSTRUCTION | | 13315 | GUARDRAIL TERMINAL GR-11 | 2.00 | EA | \$ 1,800.00 |
| ST2-1150,ST2-2380 | STAGE 2 CONSTRUCTION | | 13320 | GUARDRAIL GR-2 | 2200.00 | LF | \$ 44,000.00 |
| ST2-1150,ST2-2380 | STAGE 2 CONSTRUCTION | | 13345 | ALT.BREAKAWAY CABLE TERM.(GR-9) | 4.00 | EA | \$ 11,200.00 |
| ST2-1150,ST2-2380 | STAGE 2 CONSTRUCTION | | 13392 | FIXED OBJECT ATTACH. GR-FOA-2 TY. I | 4.00 | EA | \$ 9,600.00 |
| ST2-1150,ST2-2380 | STAGE 2 CONSTRUCTION | | 13393 | FIXED OBJECT ATTACH. GR-FOA-2 TY. II | 4.00 | EA | \$ 3,920.00 |
| ST1-1400 | STAGE 1 CONSTRUCTION | | 13460 | MEDIAN BARRIER MB-7D | 1470.00 | LF | \$ 132,300.00 |
| ST1-1250 | STAGE 1 CONSTRUCTION | | 13461 | MEDIAN BARRIER MB-7E | 100.00 | LF | \$ 25,000.00 |
| ST3-1210 | STAGE 3 RET.WALLS | | 13462 | MEDIAN BARRIER MB-7F | 650.00 | LF | \$ 78,000.00 |
| ST3-3360 | STAGE 3 RET.WALLS | | 13483 | MEDIAN BARRIER MB-8A TY.II | 500.00 | LF | \$ 135,000.00 |
| ST3-3360 | STAGE 3 RET.WALLS | (F) | 13520 | MOD.RW-3 W/BARRIER | 495.00 | CY | \$ 433,125.00 |
| ST2-5150 | STAGE 2 BRIDGE WORK | | 13410 | PIER PROTECTION - CONCRETE BARRIER | 330.00 | LF | \$ 145,200.00 |
| ST3-5000 | STAGE 3 CONSTRUCTION | | 13610 | IMPACT ATT.SER.TY.III(TL-3>45 MPH DES SP | 4.00 | EA | \$ 24,000.00 |
| ST3-3300 | STAGE 3 CONSTRUCTION | | 21110 | MEDIAN STRIP MS-1A | 525.00 | SY | \$ 47,250.00 |
| VAR | ALL CONSTRUCTION | | 23560 | TEMP. SAFETY FENCE 4' | 3500.00 | LF | \$ 10,500.00 |
| VAR | ALL CONSTRUCTION | | 24160 | CONSTRUCTION SIGNS | 288.00 | SF | \$ 15,840.00 |
| VAR | ALL CONSTRUCTION | | 24279 | PORT.CHANGEABLE MESS. SIGN | 1.00 | LS | \$ 38,000.00 |
| VAR | ALL CONSTRUCTION | | 24282 | FLAGGER SERVICE - MOT CREW | 1.00 | LS | \$ 245,000.00 |
| VAR | ALL CONSTRUCTION | | 24290 | TRAFFIC BARRIER SER. CONC. | 5000.00 | LF | \$ 155,000.00 |
| VAR | ALL CONSTRUCTION | | 13611 | IMPACT ATTN SERV. MOT | 8.00 | EA | \$ 80,000.00 |
| ST2-1120,ST2-2200 | STAGE 2 CONSTRUCTION | (F) | 24430 | DEMO. OF PAVEMENT (FLEXIBLE) | 5330.00 | SY | \$ 53,300.00 |
| ST1-1000,ST2-1120 | STAGE 1 & 2 CONSTRUCTION | | 24601 | NS REMOVE EXIST. GUARDRAIL... | 1900.00 | LF | \$ 3,800.00 |



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| Activity ID ¹ | Work Package Description ² | Fuel (F) or Price (P) Adjustment | VDOT Item Number ³ | VDOT Material Item Description ³ | Quantity | Unit | Budgeted Cost (\$) |
|--|---------------------------------------|----------------------------------|-------------------------------|---|----------|------|--------------------|
| ST1-1050, ST1-2080, ST2-1400, ST3-1200, ST3-5100 | STAGE 1, 2 & 3 CONSTRUCTION | | 24831 | NS ADJUST EXIST. DROP INLET ... | 2.00 | EA | \$ 6,600.00 |
| GEN-100 | STAGE 1 CONSTRUCTION | | 25505 | VDOT FIELD OFFICE TY.1 | 27.00 | MO | \$ 143,100.00 |
| ST3-2300 | RAMP B RET. WALLS | | 25000 | HR-1 HANDRAIL | 670.00 | LF | \$ 117,250.00 |
| ST3-3460 | STAGE 3 CONSTRUCTION | (F) | 27022 | TOPSOIL CLASS A 2" | 4720.00 | CY | \$ 51,920.00 |
| ST3-3460 | STAGE 3 CONSTRUCTION | | 27215 | FERTILIZER(15-30-15) | 2.00 | TON | \$ 3,800.00 |
| ST3-3460 | STAGE 3 CONSTRUCTION | | 27250 | LIME | 8.00 | TON | \$ 1,920.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27325 | SOIL STAB. MAT EC-3 TY. A | 1200.00 | SY | \$ 33,600.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27410 | CHECK DAM, ROCK TY. I | 25.00 | EA | \$ 7,175.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27422 | DEWATERING BASIN | 5.00 | EA | \$ 13,500.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27451 | INLET PROTECTION, TYPE A | 33.00 | EA | \$ 10,857.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27505 | TEMP. SILT FENCE | 5500.00 | LF | \$ 15,125.00 |
| ST1-1000, ST1-2000 | STAGE 1 CONSTRUCTION | | 27284 | SITE SEEDING | 29040.00 | SY | \$ 34,848.00 |
| ST3-1200 | STAGE 3 CONSTRUCTION | | 27550 | STORM WATER MAN. DRAIN. STR. SWM | 1.00 | EA | \$ 12,000.00 |
| ST3-5460 | STAGE 3 CONSTRUCTION | | 50108 | SIGN PANEL | 2258.00 | SF | \$ 135,480.00 |
| ST3-5460 | STAGE 3 CONSTRUCTION | | 50690 | MODIFY, SALVAGE O/H SIGN STRUCTURE | 1.00 | LS | \$ 165,000.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54075 | TY. B CL VI PAVE. LINE MARK. 4" | 23270.00 | LF | \$ 83,772.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54076 | TY. B CL VI PAVE. LINE MARK. 4" CONTRAST | 720.00 | LF | \$ 4,320.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54077 | TY. B CL VI PAVE. LINE MARK. 8" | 850.00 | LF | \$ 4,887.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54060 | TY. B CL VI PAVE. LINE MARK. 24" | 130.00 | LF | \$ 1,300.00 |
| ST1-1000, ST1-2000 | STAGE 1 TRAFFIC CONTROL | | 54105 | ERAD. OF EXIST. PAVE. MARKING | 12000.00 | LF | \$ 12,000.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54210 | REM. EXIST. RAISED PAVE. MARKER | 180.00 | EA | \$ 3,420.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54217 | SNOW PLOW, RAISED PAVE. MARK. ASPH. CONC | 265.00 | EA | \$ 8,215.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54300 | PAVE. MESS. MARK. ELONG. ARROW. SIN | 20.00 | EA | \$ 2,200.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54310 | PAVE. MESS. MARK. ELONG. ARROW. DOU | 4.00 | EA | \$ 800.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54400 | PAVEMENT MESSAGE MARK. "ONLY" | 4.00 | EA | \$ 1,700.00 |
| ST4-2400, ST4-2500 | STAGE 4 FINAL PAVING | | 54402 | NS PAVE. MESSAGE MARKING YIELD SHAPE | 2.00 | EA | \$ 1,040.00 |
| ST1-1000, ST1-2000 | STAGE 1 TRAFFIC CONTROL | | 54526 | NS CONST. P. M. TY. D CL III ELONGATED ARRO | 25.00 | EA | \$ 225.00 |
| ST1-1000, ST1-2000 | STAGE 1 TRAFFIC CONTROL | | 54552 | CONSTR. PAVE. MARK. (TY. F. CL. II) 4" | 21000.00 | LF | \$ 10,500.00 |
| ST1-1000, ST1-2000 | STAGE 1 TRAFFIC CONTROL | | 54556 | CONSTR. PAVE. MARK. (TY. F. CL. II) 8" | 800.00 | LF | \$ 800.00 |
| ST1-1000, ST1-2000 | STAGE 1 TRAFFIC CONTROL | | 54564 | CONSTR. PAVE. MARK. (TY. F. CL. II) 24" | 130.00 | LF | \$ 650.00 |
| ST2-5250 | STAGE 2 BRIDGE WORK | (F) | 10065 | AGGR. MATERIAL (NO. 2 OR NO. 3) | 25.00 | CY | \$ 9,125.00 |
| ST2-5020 | STAGE 2 BRIDGE WORK | | 69076 | PREP & SPOT COAT EX. STRUCTURE TY. B - VDOT QTY | 20.00 | SF | \$ 5,200.00 |
| ST2-5010 | STAGE 2 BRIDGE WORK | | 68320 | TY. B PATCHING (LMC-VE) - VDOT QTY | 20.00 | SY | \$ 7,000.00 |
| ST2-5010 | STAGE 2 BRIDGE WORK | | 69491 | CRACK REPAIR (PIERS) - EPOXY INJECTION - VDOT QTY | 50.00 | LF | \$ 12,000.00 |
| ST2-5010 | STAGE 2 BRIDGE WORK | | 69492 | CRACK REPAIR (ABUT) - EPOXY INJECTION - VDOT QTY | 365.00 | LF | \$ 60,225.00 |



SCHEDULE OF ITEMS

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| Activity ID ¹ | Work Package Description ² | Fuel (F) or Price (P) Adjustment | VDOT Item Number ³ | VDOT Material Item Description ³ | Quantity | Unit | Budgeted Cost (\$) |
|--------------------------|--|----------------------------------|-------------------------------|---|----------|------|--------------------|
| ST2-5010 | STAGE 2 BRIDGE WORK | | 69500 | CONC.SUBSTRUCTURE SURF.REPAIR - VDOT QTY | 50.00 | SY | \$ 27,500.00 |
| ST2-5290 | STAGE 2 BRIDGE WORK | (F) | 69685 | EROSION CONTROL STONE - VDOT QTY | 2.00 | TON | \$ 400.00 |
| ST1-3100 | STAGE 1 BRIDGE WORK | | 10633 | 1.5" MILL EX. CONCRETE DECK | 375.00 | SY | \$ 10,500.00 |
| ST1-3000 | STAGE 1 BRIDGE WORK | | 24420 | DEMO EX. CONC. MEDIAN BRIDGE DECK | 75.00 | CY | \$ 30,000.00 |
| ST1-3110 | STAGE 1 BRIDGE WORK | | 68610 | LATEX HYDRAULIC CEMENT CONCRETE OVERLAY | 375.00 | SY | \$ 45,000.00 |
| ST4-1050 | STAGE 4 BRIDGE WORK | | 60500 | EPOXY CONCRETE OVERLAY BRIDGE DECK | 3305.00 | SY | \$ 264,400.00 |
| ST2-5010 | STAGE 2 BRIDGE WORK | | 62201 | WATERPROOFING | 850.00 | SY | \$ 11,900.00 |
| ST1-3200 | STAGE 1 BRIDGE WORK | | 68600 | CONC.SUPERSTR. SURFACE REPAIR - MEDIAN | 10.00 | CY | \$ 17,000.00 |
| ST1-3150 | STAGE 1 BRIDGE WORK | | 68572 | REMOVE & REPLACE EXPANSION DAMS | 528.00 | LF | \$ 330,000.00 |
| ST2-5250 | STAGE 2 BRIDGE WORK | | 66740 | REMOVE & REPLACE CONC.SLOPE PROTECTION | 120.00 | SY | \$ 16,800.00 |
| ST1-3130 | STAGE 1 BRIDGE WORK | | 60450 | WIDEN EXISTING APPROACH SLAB | 30.00 | CY | \$ 29,400.00 |
| ST2-3120 thru ST2-3220 | STAGE 2 - FFXCO PKWY / RAMP B INTERSECTION | | 51180 | TRAFFIC SIGNALIZATION | 1.00 | LS | \$ 375,000.00 |
| ST1-1090, ST2-1160 | STAGE 1 AND STAGE 2 CONSTRUCTION | | 55162 | SITE LIGHTING | 1.00 | LS | \$ 610,000.00 |
| ROW-1000 thru ROW-2700 | RIGHT-OF-WAY / EASEMENT ACQUISITION | | 25596 | RIGHT OF WAY | 1.00 | LS | \$ 20,000.00 |
| DES-4000 thru DES-7200 | DESIGN -ROADWAY AND BRIDGE PLANS | | 25580 | DESIGN SERVICES | 1.00 | LS | \$ 1,200,000.00 |
| VARIOUS | ALL DESIGN and CONSTRUCTION SERVICES | | 25593 | QA SERVICES | 1.00 | LS | \$ 450,000.00 |
| VARIOUS | ALL DESIGN and CONSTRUCTION SERVICES | | 25593 | QC SERVICES | 1.00 | LS | \$ 620,000.00 |
| | | | | | | | \$ 10,979,304.00 |

¹ Activity ID should correspond to the Activity ID provided in the Offeror's Proposal Schedule.

² Work Package Description should correspond to the Work Package designation included in the Offeror's Proposal Schedule.

³ VDOT Item Number and Description should correspond to VDOT's Standard and Non-Standard Item Code Tables, as provided on VDOT's Construction (Scheduling and Contracts) webpage.

Monthly Payment Schedule

| Period Ending (Month) | Projected Monthly Total: | Projected Cumulative Total: |
|--------------------------|--------------------------|--------------------------------|
| February 2014 | \$ 439,172 | \$ 439,172 |
| March 2014 | \$ 439,172 | \$ 878,344 |
| April 2014 | \$ 439,172 | \$ 1,317,516 |
| May 2014 | \$ 439,172 | \$ 1,756,689 |
| June 2014 | \$ 252,524 | \$ 2,009,213 |
| July 2014 | \$ 384,276 | \$ 2,393,488 |
| August 2014 | \$ 548,965 | \$ 2,942,453 |
| September 2014 | \$ 658,758 | \$ 3,601,212 |
| October 2014 | \$ 439,172 | \$ 4,040,384 |
| November 2014 | \$ 439,172 | \$ 4,479,556 |
| December 2014 | \$ 439,172 | \$ 4,918,728 |
| January 2015 | \$ 439,172 | \$ 5,357,900 |
| February 2015 | \$ 329,379 | \$ 5,687,279 |
| March 2015 | \$ 603,862 | \$ 6,291,141 |
| April 2015 | \$ 548,965 | \$ 6,840,106 |
| May 2015 | \$ 472,110 | \$ 7,312,216 |
| June 2015 | \$ 483,089 | \$ 7,795,306 |
| July 2015 | \$ 494,069 | \$ 8,289,375 |
| August 2015 | \$ 494,069 | \$ 8,783,443 |
| September 2015 | \$ 428,193 | \$ 9,211,636 |
| October 2015 | \$ 537,986 | \$ 9,749,622 |
| November 2015 | \$ 329,379 | \$ 10,079,001 |
| December 2015 | \$ 274,483 | \$ 10,353,484 |
| January 2016 | \$ 131,752 | \$ 10,485,235 |
| February 2016 | \$ 164,690 | \$ 10,649,925 |
| March 2016 | \$ 219,586 | \$ 10,869,511 |
| April 2016 | \$ 54,897 | \$ 10,924,407 |
| May 2016 | \$ 54,897 | \$ 10,979,304 |

EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

SPECIAL PROVISION FOR
ASPHALT MATERIAL PRICE ADJUSTMENT
DESIGN-BUILD PROJECTS

August 9, 2013

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

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

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

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

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

Where: A = Asphalt Adjustment Dollar Amount

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| ITEM | DESCRIPTION | UNITS | SPECIFICATION |
|-------|---------------------------------------|-------|---------------|
| 10062 | Asphalt-Stab. Open-Graded Material | Ton | 313 |
| 10416 | Liquid Asphalt | Gal | 311 312 |
| 10420 | Blotted Seal Coat Ty. B | Sy | ATTD |
| 10422 | Blotted Seal Coat Ty. C | Sy | ATTD |
| 10423 | Blotted Seal Coat Ty. C-1 | Sy | ATTD |
| 10424 | Blotted Seal Coat Ty. D | Sy | ATTD |
| 10598 | Ns Asphalt Concrete | Ton | 315 |
| 10606 | Asphalt Concrete Ty. SM-9.5 | Ton | 315 |
| 10607 | Asphalt Concrete Ty. SM-12.5A | Ton | 315 |
| 10608 | Asphalt Concrete Ty. SM-12.5D | Ton | 315 |
| 10609 | Asphalt Concrete Ty. SM-12.5E (76-22) | Ton | 315 |
| 10610 | Asphalt Concrete Ty. IM-19.0A | Ton | 315 |
| 10611 | Asphalt Concrete Ty. IM-19.0D | Ton | 315 |
| 10612 | Asphalt Conc. Base Cr. Ty. BM-25.0 | Ton | 315 |
| 10613 | Asphalt Concrete Ty. BM-37.5 | Ton | 315 |
| 10635 | Asphalt Concrete Ty. SM-9.5A | Ton | 315 |
| 10636 | Asphalt Concrete Ty. SM-9.5D | Ton | 315 |
| 10637 | Asphalt Concrete Ty. SM-9.5E (76-22) | Ton | 315 |
| 10639 | Asphalt Concrete Ty. SM-19.0 | Ton | 315 |
| 10642 | Asphalt Concrete Ty. BM-25.0A | Ton | 315 |
| 10643 | Asphalt Concrete Ty. BM-25.0D | Ton | 315 |
| 10650 | Stone Matrix Asphalt SMA-9.5(70-22) | Ton | 317 |
| 10651 | Stone Matrix Asphalt SMA-9.5(76-22) | Ton | 317 |
| 10652 | Stone Matrix Asphalt SMA-12.5(70-22) | Ton | 317 |
| 10653 | Stone Matrix Asphalt SMA-12.5(76-22) | Ton | 317 |
| 10654 | Stone Matrix Asphalt SMA-19.0(70-22) | Ton | 317 |
| 10655 | Stone Matrix Asphalt SMA-19.0(76-22) | Ton | 317 |
| 10701 | Liquid Asphalt Coating | Sy | ATTD |
| 12505 | Asphalt Concrete Curb Backup Material | Ton | 315 |
| 13240 | Asphalt Concrete Sidewalk | Ton | 504 |
| 16110 | Emul. Asph. Slurry Seal Type A | Sy | ATTD |
| 16120 | Emul. Asph. Slurry Seal Type B | Sy | ATTD |
| 16130 | Emul. Asph. Slurry Seal Type C | Sy | ATTD |
| 16144 | Latex Mod. Emul. Treat. Type B | Ton | ATTD |
| 16145 | Latex Mod. Emul. Treat. Type C | Ton | ATTD |
| 16146 | Latex Mod. Emul. Treat. Rutfilling | Ton | ATTD |
| 16161 | Modified Single Seal | Sy | ATTD |
| 16162 | Modified Double Seal | Sy | ATTD |
| 16249 | Nontracking Tack Coat | Gal. | ATTD |
| 16250 | Liquid Asphalt Matl. CMS-2 (Mod) | Gal | ATTD |
| 16251 | Liquid Asphalt Matl. CMS-2 | Gal | ATTD |
| 16252 | Liquid Asphalt Matl. CRS-2 | Gal | ATTD |
| 16253 | Liquid Asphalt Matl. CRS-2H | Gal. | ATTD. |
| 16254 | Liquid Asphalt Matl. RC-250 | Gal | ATTD |
| 16256 | Liquid Asphalt Matl. RC-800 | Gal | ATTD |
| 16257 | Ns Liquid Asphalt Matl. | Gal | ATTD |
| 16260 | Liquid Asphalt Matl. CRS-2L | Gal | ATTD |
| 16325 | NS Asphalt Concrete | Ton | N/A |

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

**EXHIBIT 6.3 (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.

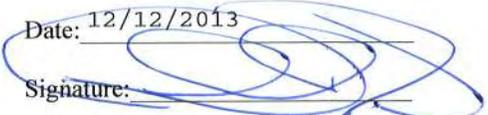
In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, 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: 12/12/2013

Signature: 

Design-builder: Shirley Contracting Company,
LLC

Vendor No.: S018

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

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

June 30, 2011

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

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

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

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

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

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

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

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

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

Price increase/decrease will be computed as follows:

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

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

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

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

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

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

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

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

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

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

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

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

Adjustment formula is as follows:

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

Where;

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

$$B = \$0.2816$$

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

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

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

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

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

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

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

*free on board

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

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

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

Adjustment formula is as follows:

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

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

$$B = \$0.2816$$

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

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

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

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

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

BLS Series I. D.

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

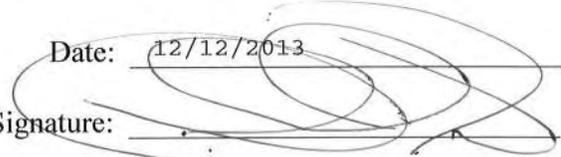
| | | | |
|-------|--|----|-----------------|
| 45572 | 18" STEEL ENCASE. PIPE | LF | 101706 |
| 45582 | 24" STEEL ENCASE. PIPE | LF | 101706 |
| 45584 | 24" JACKED STEEL ENCASEMENT PIPE | LF | 101706 |
| 45592 | 30" STEEL ENCASE. PIPE | LF | 101706 |
| 50402 | SIGN POST STEEL 3" | LF | 101706 |
| 50404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

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

I elect to use this provision

I elect not to use this provision

Date: 12/12/2013

Signature: 

Design-Builder: Shirley Contracting Company, LLC

Vendor No.: S018

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

KNOW ALL MEN BY THESE PRESENTS, THAT WE SHIRLEY CONTRACTING COMPANY, LLC As principal, and TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA 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 12TH Day of DECEMBER, 20 13

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

PROJECT NUMBER: CONTRACT ID# C00100391DB61 - A DESIGN-BUILD PROJECT
ROLLING ROAD/FRANCONIA-SPRINGFIELD PARKWAY INTERCHANGE IMPROVEMENTS
FROM: 0.30 MILES WEST OF ROLLING ROAD TO: 0.34 MILES EAST OF ROLLING ROAD
FROM: 0.21 MILES SOUTH OF FAIRFAX COUNTY PARKWAY TO: 0.18 MILES NORTH OF FAIRFAX COUNTY PARKWAY
FAIRFAX, VIRGINIA

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.

SHIRLEY CONTRACTING COMPANY, LLC
(Principal*)

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
(Surety Company)

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

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

Michael E. Post, President/CEO/Manager
(Principal*)

KAREN C. BOWLING, ATTORNEY-IN-FACT
ONE TOWER SQUARE, HARTFORD, CT 06183
(Address)

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

By: _____
(Surety Company)

By: _____
(Principal*)

By: _____
(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



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 219657

Certificate No. 005601760

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Diana L. Parker, and Karen C. Bowling

of the City of Columbia, State of Maryland, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 16th day of August, 2013.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: Robert L. Raney, Senior Vice President

On this the 16th day of August, 2013, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



Marie C. Tetreault
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

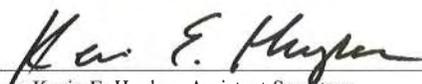
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 12th day of December, 20 13.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT: 0286-029-947, PE101, RW201, C501, B623

FHWA: STP-5A01(223)

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 12th day of December, 20 13
Shirley Contracting Company, LLC County (City), STATE
(Name of Firm) By: [Signature] Title (print) President/COO/mgr
STATE of Virginia COUNTY (CITY) of Fairfax

To-wit: I Danielle Barber, 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 12th day of December, 20 13
[Signature] My Commission expires 4/30/14
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
By: _____ Title (print) _____
(Name of Firm) (Signature)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT: 0286-029-947, PE101, RW201, C501, B623

FHWA: STP-5A01(223)

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 Park Dr. Richmond, VA 23236</u> |
| <u>HCCA</u> | <u>10756B Ambassador Dr., Manassas, VA 20110</u> |
| <u>Maryland Hwy, Contractors Assn.</u> | <u>2408 Peppermill Dr., Glen Burnie, MD 20161</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 Fairfax, VA County (City), STATE VA, this 12 day of December, 20 13
By: [Signature] (Signature) President/CEO/Manager Title (print)
Shirley Contracting Company, LLC (Name of Firm)
STATE of Virginia COUNTY (CITY) of Fairfax

To-wit: I Danielle Barber, 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 12th day of December, 20 13
[Signature] My Commission expires 4/30/14
Notary Public



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
MINIMUM DBE REQUIREMENTS**

PROJECT NO. 0286-029-947, PE101, RW201, C501, B623
FHWA NO. STP-5A01(223)

***** INSTRUCTIONS *****

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

DBE REQUIREMENT 14 %
PERCENT ATTAINED BY BIDDER 14.02 %

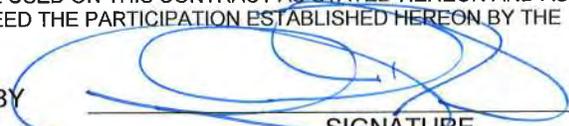
| NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED | USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H) | TYPE OF WORK AND ITEM NO(S) | \$ AMOUNT OF ALLOWABLE CREDIT PER ITEM |
|---|---|-----------------------------|--|
| See Attachment | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TOTAL \$ 1,539,823.³⁷

TOTAL CONTRACT VALUE \$ 10,979,304.⁰⁰ x REQUIRED DBE 14 % = \$ 1,537,103.-

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

Shirley Contracting Company, LLC
BIDDER

BY  SIGNATURE

President/CEO/Manager
TITLE

BY December 12, 2013
DATE

Rolling Road/Franconia-Springfield Pkwy Interchange Improvements
SHIRLEY CONTRACTING COMPANY, LLC

Contract ID Number: C00100391DB61
 State Project No.: 0286-029-947
 Federal Project No.: STP-5A01(223)



DBE Breakdown of Form C-111

| CONTRACTOR | ADDRESS | Used As | TYPE OF WORK | DBE No. | VEND No. | PERCENT OF WORK by DBE | PERCENT OF DBE VALUE | CONTRACT AMOUNT |
|--|---|---------|----------------------|--------------------|----------|------------------------|----------------------|------------------------|
| Mark-Lane, Inc | P.O. Box 322, 436 Obrecht Rd, Millersgap MD 21118 | S | Asphalt Milling | #DBI1992-0062-2013 | #M474 | 100.00% | 0.48% | \$ 52,950.00 |
| Tavars Concrete Company, Inc | 8000 Cinder Bed Road, Lorton, VA 22079 | S | Concrete Flawwork | #626436 | #T131 | 100.00% | 4.15% | \$ 455,665.00 |
| Midasco Old Dominion Electrical Supply | P.O. Box 25644, Richmond VA 23260 | S | Electrical Supply | #000023 | | 100.00% | 1.44% | \$ 158,000.00 |
| Unitedom, Inc. | 1332 Horner Road Woodbridge, VA 22191 | S | General Hauling | #626342 | | 100.00% | 2.25% | \$ 246,750.00 |
| Aacme General Contractors, Inc. | 20094 Rowdy Road, Brandy Station, VA 22774 | S | Seed & Mulch | #653231 | #A683 | 100.00% | 0.36% | \$ 39,288.00 |
| Quinn Consulting Services, Inc. | 4094 Majestic Lane, #281, Fairfax, VA 22033 | S | Engineering Services | #626289 | | 100.00% | 2.38% | \$ 260,845.37 |
| Diversified Property Services of VA | 20 E. Timonium Road, Ste. 111, Timonium MD 21093 | S | Engineering Services | #626679 | | 100.00% | 0.11% | \$ 12,325.00 |
| Geoconcepts Engineering, Inc. | 19955 Highland Vista Drive, Suite 170 Ashburn, VA 20147 | S | Engineering Services | #626642 | | 100.00% | 2.86% | \$ 314,000.00 |
| CONTRACT TOTAL VALUE: | | | | | | | | \$ 1,539,823.37 |
| PERCENT | | | | | | | | 14.02% |

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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

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

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

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

Prime Contractor Shirley Contracting Company, LLC

By: 
Signature

President/CEO/Manager
Title

Date: December 12, 2013

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Second Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

DBE Contractor

Mark-Lang, Inc. _____

By: Kurt A. Bassell
Signature

Human Resources
Title

Date: December 12, 2013

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

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

Prime Contractor Shirley Contracting Company, LLC

By: 

Signature

President/CEO/Manager

Title

Date: December 12, 2013

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Second Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

DBE Contractor

TAVARES CONCRETE COMPANY, INC.

By: *[Signature]* Signature _____ Title _____
Date: *12/10/2013*

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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

Prime Contractor Shirley Contracting Company, LLC
By:  _____
Signature Title
Date: December 12, 2013

First Tier
Subcontractor if
Applicable _____
By: _____
Signature Title
Date: _____

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

Project No.: 0286-029-947, PE 101, RW 201, CS01, B623

Federal Project No.: STP-5A01(223)

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

Prime Contractor Shirley Contracting Company, LLC
By: [Signature] Signature President/CEO/Manager Title
Date: 12/12/13

First Tier Subcontractor if Applicable MIDASCO LLC
By: [Signature] Signature President Title
Date: 12/12/13

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor If
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

Old Dominion Electrical Supply
By: [Signature] Branch Manager
Signature Title
Date: 12/11/13

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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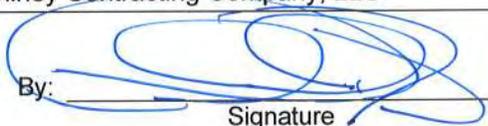
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**TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC
By:  Signature
President/CEO/Manager
Title
Date: December 12, 2013

First Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title
Date: _____

Second Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

DBE Contractor

JD Littlejohn Inc
By: James J. Littlejohn Signature _____ Title President
Date: 12/11/2013

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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

Prime Contractor Shirley Contracting Company, LLC

By:  Signature

President/CEO/Manager
Title

Date: December 12, 2013

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

Acme General Contractors Inc.

By: *Walter Smoot* *Treasurer*
Signature Title
Date: *12/14/13*

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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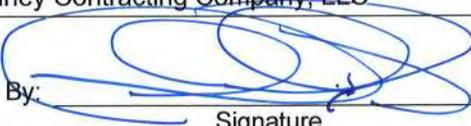
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SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC

By: _____ Signature _____ Title President/CEO/Manager
Date: December 12, 2013

First Tier Subcontractor if Applicable _____
By: _____ Signature _____ Title _____
Date: _____

Second Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____ Signature _____ Title _____
Date: _____

DBE Contractor

Quinn Consulting Services, Inc.

By:  Signature _____ President _____ Title _____
Date: December 11, 2013

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

Project No.: 0286-029-947, PE101, RW201, C501, B623

Federal Project No.: STP-5A01(223)

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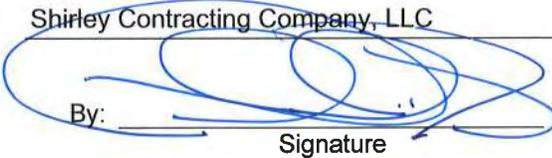
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**TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor Shirley Contracting Company, LLC

By: 

Signature

President/CEO/Manager

Title

Date: December 12, 2013

First Tier
Subcontractor if
Applicable

By: _____
Signature

_____ Title

Date: _____

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

Diversified Property Services, Inc.

By: Robert E. Decker President
Signature Title
Date: 12/2/2013

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

Project No.: 0286-029-947, PE101, 20201, 2501, 3623

Federal Project No.: STP-5A01(223)

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Prime Contractor Shirley Contracting Company, LLC
By:  Signature
President/CEO/Manager
Title
Date: December 12, 2103

First Tier Subcontractor if Applicable Dewberry Consultants LLC
By:  Signature
Sr. Associate
Title
Date: 12/11/2013

Second Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

Third Tier
Subcontractor if
Applicable

By: _____
Signature Title
Date: _____

DBE Contractor

GeoConcepts Engineering, Inc.

By: Paul Burkatt Principal
Signature Title
Date: 12/11/13