

CITY OF HARRISONBURG, VA					
BONDING UNIT COSTS			PROJECT NAME:		
July 2014			DATE:		
ITEMS WITH \$0.00 UNIT PRICE ARE TO BE NEGOTIATED BASED ON PROJECT					
SIGNIFICANT OTHER ITEMS NOT LISTED ARE TO BE NEGOTIATED BASED ON PROJECT					
No.	Description	Est. Quant.	Unit	Unit Price	Cost
Category - Roadway Items					
1	Clearing & Grubbing	0	Ac	\$3,000.00	\$0.00
2	Traffic Control	0	Lump Sum	\$0.00	\$0.00
3	Flexible Pavement Planing	0	SY	\$2.00	\$0.00
4	Remove Ex. Guardrail, incl. posts&hardware	0	LF	\$1.10	\$0.00
5	Demolition of Pavement	0	SY	\$2.50	\$0.00
6	Pavement Saw Cutting	0	LF	\$2.00	\$0.00
7	Common Excavation	0	CY	\$8.00	\$0.00
8	Rock Excavation (10% of total exc. vol.)	0	CY	\$20.00	\$0.00
9	Geotechnical Testing	0	1000 LF of Street	\$220.00	\$0.00
10	Aggregate, Type 21-A	0	SY-IN	\$1.20	\$0.00
11	Asphaltic Concrete Base BM-25.0	0	SY-IN	\$4.00	\$0.00
12	Asphaltic Concrete Surface SM-12.5A	0	SY-IN	\$5.00	\$0.00
13	Asphaltic Concrete Surface SM-19.0A	0	SY-IN	\$4.50	\$0.00
14	Pavement Marking and Signage	0	Lump Sum	\$0.00	\$0.00
15	CG-6 Curb & Gutter, incl. CG-11	0	LF	\$15.00	\$0.00
16	Entrance Gutter, CG-9B, 9D or 10A	0	SY	\$65.00	\$0.00
17	Conc. Sidewalk, Incl. Stone Base	0	SF	\$4.00	\$0.00
18	Curb Cut Ramp, CG-12A, B ,C	0	EA	\$600.00	\$0.00
19	Retaining Wall, RW-3 or other	0	SF Face	\$60.00	\$0.00
20	HR-1 Hand Rail, Pipe Type Only	0	LF	\$60.00	\$0.00
21	Guardrail, GR-2 Steel Post	0	LF	\$12.00	\$0.00
22	Guardrail Terminal, GR-7 or 9	0	EA	\$2,500.00	\$0.00
23	Utility Pole Relocation	0	EA	\$10,000.00	\$0.00
Sub-Total - Roadway Items					\$0.00
Category - Drainage Items					
24	DI-1 / convex grate inlet	0	EA	\$2,500.00	\$0.00
25	DI-7	0	EA	\$6,000.00	\$0.00
26	DI-3 (L up to 10ft.)	0	EA	\$3,500.00	\$0.00
27	DI-3 (L up to 10ft.)	0	EA	\$4,500.00	\$0.00
28	DI-4	0	EA	\$6,500.00	\$0.00
29	Storm Manhole w/ Frame & Cover	0	EA	\$3,500.00	\$0.00
30	Storm Junction Box	0	EA	\$6,000.00	\$0.00
31	RCP Storm Pipe, Class III, 15-42 in.	0	LF - IN. DIA.	\$2.80	\$0.00
32	RCP Storm Pipe, Class III, 48-60 in.	0	LF - IN. DIA.	\$3.00	\$0.00
33	RCP Storm Pipe, Class III, 60+ in.	0	LF - IN. DIA.	\$3.40	\$0.00
34	RCP Storm Pipe, Class IV, add	0	LF - IN. DIA.	\$0.50	\$0.00
35	RCP Storm Pipe, Class V, add	0	LF - IN. DIA.	\$0.75	\$0.00
36	RCP Storm End Section	0	EA - IN. DIA.	\$30.00	\$0.00
37	Storm Endwalls	0	SF Face	\$60.00	\$0.00
38	RCP Storm Tee, Wye, etc.	0	EA - IN. DIA.	\$50.00	\$0.00
39	RCP Storm Bend	0	EA - IN. DIA.	\$40.00	\$0.00
40	Concrete Box Culvert (cast-in-place)	0	CY	\$550.00	\$0.00
41	Concrete Box Culvert (pre-cast)	0	CY	\$400.00	\$0.00

42	Underdrain Type UD-3	0	LF	\$20.00	\$0.00
Sub-Total - Drainage Items					\$0.00
Category - Erosion Control & Stormwater Management Items					
43	Class A1 Dry Riprap Incl. Filter Fabric	0	SY	\$30.00	\$0.00
44	Class 1 Dry Riprap Incl. Filter Fabric	0	SY	\$40.00	\$0.00
45	Class 2 Dry Riprap Incl. Filter Fabric	0	SY	\$50.00	\$0.00
46	Silt Fence or Diversion Dike	0	LF	\$3.00	\$0.00
47	Temporary Slope Drains	0	L.F.	\$15.00	\$0.00
48	Inlet Protection, IP, all types	0	EA	\$200.00	\$0.00
49	Culvert Inlet Protection, CIP, all types	0	EA	\$150.00	\$0.00
50	Rock Check Dam, CD	0	EA	\$250.00	\$0.00
51	Topsoil, Seed & Mulch (entire disturbed area)	0	Ac	\$4,000.00	\$0.00
52	Sodding for Ditchlines & Swales	0	SY	\$4.50	\$0.00
53	EC-2 Protective Covering	0	SY	\$2.00	\$0.00
54	EC-3 Soil Stabilization Blanket	0	SY	\$7.50	\$0.00
55	Construction Entrance, CE	0	EA	\$1,200.00	\$0.00
56	Temporary Sediment Trap, ST	0	EA	\$2,000.00	\$0.00
57	Temporary Sediment Basin, SB	0	EA	\$6,000.00	\$0.00
58	Above Ground Detention Basin	0	CF Storage	\$0.50	\$0.00
59	Below Ground Detention Basin	0	CF Pipe Stor.	\$5.00	\$0.00
60	Constructed Wetlands	0	CF Storage	\$1.00	\$0.00
61	Bio-Retention Basin/Filter (incl. planting)	0	EA	\$8,000.00	\$0.00
62	Sand Filter	0	EA	\$15,000.00	\$0.00
63	Grassed Swale	0	SY	\$6.00	\$0.00
64	Vegetated Filter Strip/Level Spreader	0	SY	\$1.00	\$0.00
65	Manufactured Drop Inlet/Tank Type BMP	0	EA	\$10,000.00	\$0.00
Sub-Total - Erosion Control & Stormwater Management Items					\$0.00
Sub-Category - Water & Sewer Items					
66	8" D.I. Water Main	0	LF	\$65.00	\$0.00
67	12" D.I. Water Main	0	LF	\$80.00	\$0.00
68	Fire Hydrant Assembly (incl. 6in. Valve)	0	EA	\$2,600.00	\$0.00
69	Fire Hydrant Relocation	0	EA	\$1,200.00	\$0.00
70	8" Gate Valve w/Box	0	EA	\$1,200.00	\$0.00
71	12" Gate Valve w/Box	0	EA	\$2,000.00	\$0.00
72	Air Release Valve & Vault	0	EA	\$2,500.00	\$0.00
73	Detector Check Valve & Vault	0	EA	\$3,500.00	\$0.00
74	1" Partial Water Service	0	EA	\$700.00	\$0.00
75	Misc. Fittings (Bend, Tee, etc.)	0	EA	\$400.00	\$0.00
76	8" PVC Sewer Main	0	LF	\$50.00	\$0.00
77	8" D.I. Sewer Main	0	LF	\$65.00	\$0.00
78	4' Dia. Manhole	0	EA	\$3,000.00	\$0.00
79	5' Dia. Manhole	0	EA	\$5,000.00	\$0.00
80	6' Dia. Manhole	0	EA	\$6,000.00	\$0.00
81	Manhole Frame & Cover	0	EA	\$400.00	\$0.00
82	4" Partial Sewer Service	0	LF	\$40.00	\$0.00
83	Cleanout	0	EA	\$300.00	\$0.00
Sub-Total - Water & Sewer Items					\$0.00
Sub-Category - Landscaping					
84	Large Deciduous Tree	0	EA	\$470.00	\$0.00
85	Small/Ornamental Deciduous Tree	0	EA	\$280.00	\$0.00
86	Evergreen Tree	0	EA	\$300.00	\$0.00
87	Deciduous Shrub	0	EA	\$45.00	\$0.00
88	Evergreen Shrub	0	EA	\$50.00	\$0.00
89	Vinyl 2-Rail Fence	0	LF	\$32.00	\$0.00

90	Vinyl 6ft Privacy Fence	0	LF	\$38.00	\$0.00
91	Wood 2-Rail Fence	0	LF	\$22.00	\$0.00
92	Wood 6-ft Privacy Fence	0	LF	\$26.00	\$0.00
Sub-Total - Landscaping					\$0.00
SUB-TOTAL ALL ITEMS					\$0.00
CONTINGENCY (15%)					\$0.00
GRAND TOTAL - BOND AMOUNT					\$0.00