UNIT LIST PRICE FOR PERFORMANCE BONDS TOWN OF WARRENTON

DEPARTMENT OF PLANNING, ZONING, UTILITIES & PUBLIC WORKS

PROJECT NAME	Retail Auto Parts		
T.O.W. FILE #	SDP 2021-441 (ZNG2021-0441)	DATE PREPARED:	09/19/2023

NOTE: This form is to be used as a work sheet to estimate performance bond prices posted with Town of Warrenton. These prices do not include items that are to be bonded separately with other agnecies. The first colum prices are to be used for all of the applicable quantities up to the established limits. The second and third column prices are to be applied only to the quantities that exceed the limits established by the first and second column respectively.

1 STORM DRAINAGE

Α.	STRUCTURES	<u>s</u>										
QUANT	<u>ITY</u>			UP TO 1	<u>10</u>			OVER 10				COST
							_					
0	DI-1	0	@	\$1,800	ea =	<u>\$0</u>	@	\$1,440 ea	=	\$0		0.00
	DI-3 (L <u><</u> 8')		@	\$2,100	ea =	\$0	@	\$2,310 ea	=	\$0		0.00
	DI-3 (L <u>></u> 8')		@	\$2,400	ea =	\$0	@	\$1,920 ea	=	\$0		0.00
	DI-4		@	\$4,000	ea =	\$0	@	\$3,200 ea	=	\$0		0.00
	DI-7		@	\$2,100	ea =	\$0		\$1,680 ea	=	\$0		0.00
0	MH-1	0	@	\$1,700	ea =	\$0	@	\$1,360 ea	=	\$0		0.00
	MH-2		@	\$1,800	ea =	\$0		\$1,440 ea	=	\$0		0.00
	JB-1		@	\$5,100	ea =	\$0	@	\$4,080 ea	=	\$0		0.00
0	Proprietary	0	@	\$2,500	ea =	\$0		\$2,500 ea	=	\$0		0.00
											Page 1 Sub-Total =	0.00

Propreitary structure price has been provided by manufacturer

В.	CONCRETE PIPE		COST
----	---------------	--	------

15"0	@	\$35	lf	=	\$0
0 18"0	0 @	\$38	lf	= _	\$0
21"0	<u> </u>	\$44	lf	= _	\$0
24"0	@	\$48	lf	= _	\$0
27"0	@	\$50	lf	= _	\$0
30"0	@	\$55	lf	= _	\$0
33"0	@	\$60	lf	= _	\$0
				_	
36"0	@	\$97	lf	=	\$0
42"0	<u> </u>	\$109) If	= _	\$0
48"0	<u> </u>	\$126	i If	= _	\$0
54"0	@	\$143	lf	= _	\$0
60"0	@	\$160) If	=	\$0
66"0	@	\$177	' If	=	\$0
72"0	@	\$206	i If	=	\$0
				_	

C. End Walls

<u>UP TO 10'</u> <u>OVER 10'</u>

1	5"0	@	\$650	ea	= \$0	@	\$520	ea	=	\$0	@	\$390	ea	=	\$0	0.00
	8"0	 @	\$780	ea	= \$0	@	\$624	ea	= _	\$0	@	\$468	ea	= _	\$0	0.00
- 2	21"0	@	\$960	ea	= \$0	@	\$768	ea	= _	\$0	@	\$576	ea	=_	\$0	0.00
· .	24"0	@	\$1,000	ea	= \$0	@	\$880	ea	=	\$0	@	\$660	ea	=	\$0	0.00

Page 2 Sub-Total = 0.00

C. <u>END WALLS CONT</u>

0	30"0	@	\$1,400	ea	=	\$0
0	33"0	@	\$1,500	ea	=	\$0
0	36"0	@	\$1,550	ea	=_	\$0
0	42"0	 @	\$2,160	ea	=_	\$0
0	48"0	@	\$2,470	ea	=	\$0
0	54"0	@	\$2,890	ea	=	\$0
0	60"0	@	\$3,840	ea	=	\$0
0	66"0	 @	\$3,860	ea	=	\$0
	72"0	 @	\$4,570	00	= -	\$0

D. <u>END SECTIONS (ES-1)</u>

0 18"0 @ \$480 ea = \$0 0 21"0 @ \$580 ea = \$0 0 24"0 @ \$660 ea = \$0	0	15"0	@	\$340	ea	=	\$0	0.00
	0	18"0		\$480	ea	=	\$0	0.00
0 24"0 @ \$660 ea = \$0	0	21"0		\$580	ea	=	\$0	0.00
	0	24"0		\$660	ea	=	\$0	0.00

Page 3 Sub-Total = 0.00

0.00 0.00 0.00

0.00 0.00 0.00 0.00 0.00

E.	END SE	ECTIONS (ES-1	CONT'D)		
0	27"0	(<u>ခ</u>	\$772	ea	=	\$0
0	30"0		බ	\$872	ea	=	\$0
0	33"0		බ	\$980	ea	=	\$0
0	36"0		බ	\$1,060	ea	=	\$0
0	42"0		බ	\$1,300	ea	=	\$0
0	48"0	(ම	\$1,472	ea	=	\$0

						Sub-Total =	0.00
F. <u>1</u>	DRIVEWAY CU	JLVERTS (E	<u> Bituminou</u>	s Coated Co	rrugated Metal Pipe)		<u>COST</u>
0	15"	@	\$25	LF =	\$0		0.00
0	18"		\$30	LF =	\$0	-	0.00
						Sub-Total =	0.00
) dnivowa	ay culvert has be	on accounted	l fan in the	. 19" D/D am	ount	Page 4 Sub-Total =	0.00

G. END SECTIONS (ES-2)

0	15"0	@	\$350	ea =	\$0
0	18"0		\$375	ea =	\$0

H. HIGH DENSITY POLYETHYLENE (HDPE) SMOOTHWALL PIPE

_	0	15"0	@	\$28	lf	=	\$0
	0	18"0	@	\$30	lf	=	\$0
	0	24"0	@	\$35	lf	=	\$0
	0	30"0	 @	\$43	lf	=	\$0
	0	36"0	@	\$57	lf	=	\$0

COST

\$0.00

\$0.00

Sub-Total = \$0

COST

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

I. STORMWATER MANAGEMENT/BMP FACILITIES (See Note #2, Last Page)

Excavation	@ \$7 cy =\$0	0.
Embankment (Fill Material)	@ \$10 cy = \$0	0.
Spread & Compact Fill Material	@ \$5 cy =\$0	0.
OUTLET STRUCTURE	@ ea = \$0	0.
OUTLET PIPE	@ ea = \$0	0.
End Wall	@ ea = \$0	0.
Anti-Seep Collars (\$100 per 12"0 increments)	@ \$100 sf = \$0	0.
Trash Rack	@ \$300 sf = \$0	0.
SPILLWAY LINING		
Seed, Fertilizer & Mulch	@ \$2.00 sy = \$ 0	0.
Sod	@ \$8.00 sy = \$0	
Hydraulic Cem. Conc 4" Depth	@ \$54.00 sy = \$0	0.
Bituminous Concrete-1' Depth	@ \$5.00 sy =\$0	0.
Rip Rap	@ \$65.00 sy = \$0	0.
Grouted Rip-Rap	@ \$72.00 sy = \$0	0

J. STORMWATER MANAGEMENT/BMP FACILITIES (Continued)

Erosion Control Stone (EC-1)	@ \$90 ton = \$0	0.00
# 57- Coarse Aggregate	@ \$25 cy = \$0	0.00
Porous Pavement	@ \$10 sy = \$0	0.00
4' High Chain Link Fence		0.00
(#9 gauge or Better)		
6' High Chain Link Fence	@ \$11 If = \$0	0.00
(#9 gauge or Better)		
6' Board Fence	@ \$11 If = \$0	0.00
Other		
Description and description of a set-on-	0 @ \$30,000 = \$0	0.00
Proprietary underground system	<u> </u>	
Proprietary underground system	@ \$0 = \$0	-
MISCELLANEOUS DRAINAGE ITEMS		0.00
- <u>- · · · · · · · · · · · · · · · · · ·</u>	@ \$0 = \$0 @ \$0 = \$0 @ \$0 \$0	0.00
MISCELLANEOUS DRAINAGE ITEMS	@ \$0 = \$0 @ \$0 = \$0	0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert	@ \$0 = \$0 @ \$0 = \$0	0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert Slotted Drain - properietary	@ \$0 = \$0 @ \$0 = \$0	0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert Slotted Drain - properietary DITCHES	@ \$0 = \$0 @ \$0 = \$0	0.00 0.00 0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert Slotted Drain - properietary DITCHES Paved Ditches	@ \$0 = \$0 @ \$0 = \$0 @ \$0 = \$0 = \$0 = \$0	0.00 0.00 0.00 0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert Slotted Drain - properietary DITCHES Paved Ditches Filter Cloth Fabric & Gabion Stone	@ \$0 = \$0 @ \$0 = \$0 @ \$0 = \$0	0.00 0.00 0.00 0.00 0.00
MISCELLANEOUS DRAINAGE ITEMS Box Culvert Slotted Drain - properietary DITCHES Paved Ditches Filter Cloth Fabric & Gabion Stone Sod Ditch	@ \$0 = \$0 @ \$0 = \$0 @ \$0 = \$0	0.00

Page 7 Sub-Total =

0.00

2 CONSTRUCTION WITHIN THE RIGHT-OF-WAY AND /OR EASEMENTS

Α.	SITE WORKS	<u>. I</u>	JP TO 5 A	<u>.C.</u>		OVER 5 AC.		COST
0	Clear & Grub	@	\$7,500	AC. = \$0	0 @	\$4,400 AC. =	\$0	\$0.00
	UP TO 2000 CU. YDS.	2	001-100,00 CU. YDS.		C	OVER 100,000 CU. YDS.		
0	Excavation	@	\$5.00	cy = \$0	@	\$2.50 cy =	\$0	0.00
0	Embankment @ \$10 cy = \$0	@	\$8	cy = \$0		_		0.00
	Spread & Compact Fill Material	@	\$5	cy = \$0				0.00
0	Slope Stabilization-Hydroseeding (3:1 or Flatter)	@	\$1.00	5Q. YD. (\$ 200 Min.)			0.00
0	Slope Stab - Sod, Jute Mesh, etc. (between 2:1 to 3:1)	@	\$6.00	5Q. YD. (\$ 200 Min.)			0.00
0	Special Slope Stabilization	@	Lump S	um			_	
В.	SUBBASE & BASE COURSE	0.0	#9. 5 0	CO VD /Tu ala Daniel		o :		0.00
0	Aggregate (21A)	0 @	\$2.50	- 1	_	8 in	_	0.00
0	Top Course/Intermediate Course Bituminous Concrete Base Bituminous Concrete	0 @		- 1	_	1.5 in 2 in	_	0.00
0	Class A Prim & Double Seal	0 @	\$5.00	SQ. YD./Inch Depth	h D=_		_	0.00
0	Surface Treatment (Tar & Chip)	@	\$2.00	SQ. YD.				0.00
0	Gravel Shoulders	e		SQ. YD. (4" Depth)			_	0.00
0	Sidewalk Underdrains		\$5.25	•			_	0.00
0	Cement Stabilization			SQ. YD. (6" Depth)			_	0.00
0	Lime Stabilization			SQ. YD. (6" Depth)			_	0.00
	-			•			· <u></u>	

C.	ENTRANCES		<u>COST</u>
0	R-5 Private Entrance	@ \$1,500 ea = \$0	0.00
0	R-6 Private Entrance	@ \$1,500 ea = \$0	0.00
0	R-7 or equal (commercial Entrance)	0 @ \$3,000 ea = \$0	0.00
	30' Width	=	
0	R-7 or equal (Commercial Entrance)	0 @ \$4,000 ea =\$0	0.00
	40' Width	=	
0	R-8 or equal (Commercial Entrance)	@ \$2,500 ea = \$0	0.00
	30' Width	=	
0	R-8 or equal (Commercial Entrance)	@ \$3,500 ea = \$0	0.00
	40' Width	=	
0	CG-11	@ \$3,000 ea = \$0	0.00
	Concrete Entrance	=	
0	Valley Gutter	0 @ \$40 If = \$0	0.00
0	Sidewalk (4' and 5' Widths) Header Curb CG-2	0 @ \$60 sy = \$0 @ \$20 If = \$0	0.00
0	CG-12, Handicapped Ramp	0 @ \$3,000 ea = <u>\$0</u>	0.00
0	CG-6	<u> </u>	0.00
Е.	UP TO 500 LIN, FT.		
0	Street Name Sign	@ \$300 ea =\$O	0.00
0	Traffic Control Sign	@ \$390 ea =\$0	0.00
0	Roadside Delineators (ED-1/PTS-8)	@ \$64 ea =\$0	0.00
0	Traffic Barricade	@ \$1,500 ea =\$0	0.00
0	Street Lighting	@ cost est ea =	0.00
		Page 9 Sub-Total =	0.00

QUANTITY	UP TO 1000 <u>LIN.FT.</u>	OVER 1000 <u>LIN. FT.</u>	COST
0 Guardrail 0 GR-7 End Section	@ \$39 If = \$0 @ \$2,500 ea = \$0	@ \$12 If = \$0	\$0.00 \$0.00

3 SANITARY SEWER AND WATER LINE CONSTRUCTION

(Min. Sewer Class SDR 35 & Min. Water Line D. I. Class 52 & Plastic Line Class SDR 18)

			<u>UP TO 1</u>	<u>0</u>		OVER 10	<u>)</u>		COST
0	Fire Hydrant Assembly	0	@ \$5,000	ea =	\$0	@ \$1,800	ea =	\$0	0.00
	Sanitary Sewer Manhole		@ \$8,000	ea =	\$0	@ \$1,840	ea =	\$0	0.00
	5/8 x 3/4 Water Meter Setup		@ \$1,200	ea =	\$0	@ \$800	ea =	\$0	0.00
0	1" Water Meter Setup	0	@ \$1,500	ea =	\$0	@ \$1,000	ea =	\$0	0.00
	1 1/2"-2" Water Meter Setup		@ \$2,000	ea =	\$0	@ \$1,750	ea =	\$0	0.00
	Water Meter Setup, 2" Or Larger		@	ea =	\$0	<u> </u>	ea =	\$0	0.00

WATER MAIN (Exclusive of Fire Hydrants)

			1	UP TO 100 LIN. FT.					OVER 10 LIN. FT					
0	6"0		@	\$50	lf	=	\$0	@	\$50	If	=	\$ 0		0.00
0	8"0	-	@	\$60	lf	= _	\$0	 @	\$60	lf	= -	\$0		0.00
0	12"0		@	\$96	lf	=	\$0	 @	\$90	lf	= _	\$0		0.00
0	16"0		@	\$120	lf	=	\$0	 @	\$115	lf	= _	\$0		0.00
			_											
													Page10 Sub-Total =	0.00

TAP OF WATER MAINS

0	6"	@ \$890 ea	\$0.00
0	8"	@ \$1,275 ea	\$0.00
0	10"	$ ext{@}\ \$2,030$ ea	\$0.00
0 0	12"	@ \$2,850 ea	\$0.00
	and Larger		

SEWER PIPE LINE (Exclusive of Manhole Structures)

		Į	U P TO 1 00	00		(OVER 10	00				COST
			LIN. FT.				LIN. FT	<u>.</u>				
0	4"0	@	\$40	lf	= \$0	@	\$35	lf	=	\$0		\$0.00
0	6"0		\$45	lf	= \$0		\$40	lf	= -	<u>*</u> \$0	-	\$0.00
0	8"0		\$65	lf	= \$0		\$55	lf	= -	\$0	-	\$0.00
0	10"0		\$85	lf	= \$0		\$80	lf	=	\$0	-	\$0.00
0	12"0		\$115	lf	= \$0		\$100	lf	=	\$0	_	\$0.00
0	15"0		\$150	lf	= \$0		\$140	lf	= -	\$0	- -	\$0.00

MISCELLANEOUS

0	Connection to Existing Sewer or Manhole	@ \$0 ea	0.00
0	Standard Drop Connection To Manhole	@ \$390 ea	\$0.00

Page 11 Sub-Total = 0.00

COST

4 <u>UNIT PRICE LIST OR SILTATION AND EROSION CONTROL - TOWN OF WARRENTON</u>

QUANTITY	<u>ITEM</u>	<u>UNIT COST</u>	COST
0	Diversion Dike	@ \$3.00 If	0.00
0	Silt Fence	@ \$5.00 If	0.00
0 0 0 0 0 0 0 0 0 0	Super Silt Fence	@ \$12.00 If	0.00
0	Sod	@ \$6.00 sq.yd .	0.00
0	Seeding Operation	@ \$2.00 sq.yd .	0.00
0	Coarse Aggregates (31 or #57)	@ \$75.00 Ton	0.00
0	Paved Flume	@ \$60.00 sy	0.00
0	Inlet Protection	@ \$60.00 ea	0.00
0	Temp. Const. Entrance	$ ext{@}$ \$1,400 ea	0.00
0	Temp. Const. Entrance	@ \$2,000 ea	0.00
0	w/wash rack		•
0	Temp. Sediment Trap	@ \$27.00 LF	0.00
0	Temporary Sediment Basin	@ \$500-\$3000	
0	Drainage area 3-25 acres	@ \$1,000-\$5,000	•
	26-50 acres	@ \$5,000-\$10,000	-
	50+ acres by itemized cost		
	OTHER		
0	Check Dam	@ ea	0.00
0	Jute Mesh	@sy	0.00
0	Safety Fence	@ 0 LF	0.00
0 0 0		e e	0.00
6 1 6	orice is based on numbers provided by	local contractor for similar product	0.00

Page 12 Sub-Total = 0.00

5 <u>UNIT PRICE LIST FOR LANDSCAPING - TOWN OF WARRENTON</u>

<u>ITEM</u>	SIZE	UNIT CO	<u>OST</u>	<u>COST</u>
Seeding		@ \$2.00	sy	0.00
Sodding		@ \$6.00	sy	0.00
Planting Shrubs	12"	@ \$45	ea	0.00
Planting Shrubs	18"	@ \$50	ea	0.00
Planting Shrubs	24"	@ \$55	ea	7,480.00
Planting Shrubs	Larger	@ \$60	ea	0
Trees	4'-6'	@ \$150	ea	0.00
Trees	6'-8'	@ \$165	ea	0.00
Trees	8'-10'	@ \$250	ea	0.00
Trees	Larger	@ \$450	ea	5,400.00
Tree Protection	4'-6'	@ \$12	lf	600.00
Tree Wall, Stone	N/A'	@ \$5,236	ea	0.00
(D= 10', H=3)				
Other				
	Seeding Sodding Planting Shrubs Planting Shrubs Planting Shrubs Planting Shrubs Trees	Seeding Sodding Planting Shrubs Planting Shrubs Planting Shrubs Planting Shrubs Planting Shrubs Trees Trees 4'-6' Trees 6'-8' Trees 8'-10' Trees Larger Tree Protection Tree Wall, Stone (D= 10', H=3)	Seeding @ \$2.00 Sodding @ \$6.00 Planting Shrubs 12" @ \$45 Planting Shrubs 18" @ \$50 Planting Shrubs 24" @ \$55 Planting Shrubs Larger @ \$60 Trees 4'-6' @ \$150 Trees 6'-8' @ \$165 Trees 8'-10' @ \$250 Trees Larger @ \$450 Tree Protection 4'-6' © \$12 Tree Wall, Stone (D= 10', H=3)	Seeding @ \$2.00 sy Sodding @ \$6.00 sy Planting Shrubs 12" @ \$45 ea Planting Shrubs 18" @ \$50 ea Planting Shrubs 24" @ \$55 ea Planting Shrubs Larger @ \$60 ea Trees 4'-6' @ \$150 ea Trees 6'-8' @ \$165 ea Trees 8'-10' @ \$250 ea Trees Larger @ \$450 ea Tree Protection 4'-6' @ \$12 If Tree Wall, Stone N/A' @ \$5,236 ea (D= 10', H=3) 0

6 <u>AS-BUILT DRAWING</u>

QUANT	<u>TITY</u>			<u>COST</u>
0	FT.	Storm Sewer Lines	@ \$1.00 lf	0.00
0	FT.	Sanitary Sewer Lines	@ \$1.00 lf	0.00
0	FT.	Water Lines	@ \$1.00 lf	0.00
0	FT.	Gas	@ \$1.00 lf	0.00
0	FT.	Telephone Lines	@ \$1.00 lf	0.00
0	FT.	Power Lines	@ \$1.00 lf	0.00
0	FT.	Cable TV. Lines	@ \$1.00 lf	0.00
0	FT.	Sidewalk C&G	@ \$1.00 lf	0.00
0	FT.	Sidewalk Alignment	@ \$1.50 lf	0.00
0	-	(Private or Public)		
0	EACH	Other Items	@ \$1,327.50 LS	0.00
0	FT.	Other Items	@ lf	0.00
	-			

Page 14 Sub-Total = 0.00

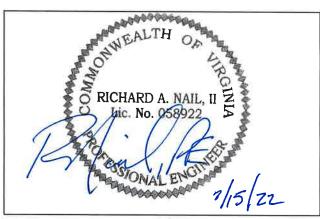
TOTAL CONSTRUCTION COST = \$13,480.00

4 <u>MISCELLANEOUS - COSTS</u>	(From Page 14)	\$13,480.00
Administrative Cost - 15% of the Total Construction Cost (Contingencies)	=	\$20,682.56
Inflation Cost - Compounded Annually at 3.5% Per Year of the Total Co	nstruction Cost =	\$471.80
TOTAL PERFORMANCE AMOUNT	=	\$34,634.36

TOTAL CONCEDIORION COOR

Notes:

- For items identified with ** the quantity for the embankment material is the net difference of total fill material needed and cut material available at the project site, if excavated or cut material is suitable for embankment.
- For some of the items on page 6 of this form, the unit prices are not provided. Please refer to the appropriate section of this form to determine the applicable unit prices for those items, if necessary.
- The Unit cost for each of the items in this Unit Price List is the Installation cost which includes factors such as excavation, bedding, backfilling, form work, etc.
- 4 Inflation has been calculated based on Northern Virginia Consumer Price Index of the Washington, D.C., as provided by the Bureau of Labor and Statistics.
- Whomever Certifies the Site Development Plans must also certify this Total
 Performance Amount above and must bear the stamp and signature of the Professional
 Engineer, Land Surveyor and etc. on the Submit Performance Bond.
- The remaining 15% (\$34,634.36) held by the Town can be used for any line item listed in the bond estimate as necessary.



SEAL