

UNIT LIST PRICE FOR PERFORMANCE BONDS
TOWN OF WARRENTON
DEPARTMENT OF PLANNING, ZONING, UTILITIES & PUBLIC WORKS

PROJECT NAME

Lindsay GMC - Parking Expansion - 250 West Shirley Ave.

T.O.W. FILE #

SDP-2019-04

DATE PREPARED: 2/3/2020 - Close out 8-22-2022

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 agencies. The first column 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

A. STRUCTURES

QUANTITY		UP TO 10			OVER 10			COST
0	DI-1	0 @	\$1,800	ea =	\$0	@	\$1,440	ea = \$0
0	DI-3 (L≤	0 @	\$2,100	ea =	\$0	@	\$2,310	ea = \$0
	DI-3 (L>	@	\$2,400	ea =	\$0	@	\$1,920	ea = \$0
	DI-4	@	\$4,000	ea =	\$0	@	\$3,200	ea = \$0
	DI-7	@	\$2,100	ea =	\$0	@	\$1,680	ea = \$0
	MH-1	@	\$1,700	ea =	\$0	@	\$1,360	ea = \$0
	MH-2	@	\$1,800	ea =	\$0	@	\$1,440	ea = \$0
	JB-1	@	\$5,100	ea =	\$0	@	\$4,080	ea = \$0
Page 1 Sub-Total =								0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

C. END WALLS CONT

0	30"	Ⓒ	\$1,400	ea	=	\$0	0.00
0	33"	Ⓒ	\$1,500	ea	=	\$0	0.00
0	36"	Ⓒ	\$1,550	ea	=	\$0	0.00
0	42"	Ⓒ	\$2,160	ea	=	\$0	0.00
0	48"	Ⓒ	\$2,470	ea	=	\$0	0.00
0	54"	Ⓒ	\$2,890	ea	=	\$0	0.00
0	60"	Ⓒ	\$3,840	ea	=	\$0	0.00
0	66"	Ⓒ	\$3,860	ea	=	\$0	0.00
0	72"	Ⓒ	\$4,570	ea	=	\$0	0.00

D. END SECTIONS (ES-1)

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

Page 3 Sub-Total =



UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

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

Sub-Total =	0.00
<u>COST</u>	
	0.00
	0.00
Sub-Total =	0.00
Page 4 Sub-Total =	0.00

F. <u>DRIVEWAY CULVERTS (Bituminous Coated Corrugated Metal Pipe)</u>				
0	15"	@	\$25	LF = \$0
0	18"	@	\$30	LF = \$0



UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

G. END SECTIONS (ES-2)

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

<u>COST</u>
\$0.00
\$0.00

Sub-Total =

\$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

<u>COST</u>
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

Sub-Total =

\$0.00

Page 5 Sub-Total =

\$0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

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

QUANTITY					COST
Excavation	@	\$7	cy =	\$0	0.00
Embankment (Fill Material)	@	\$10	cy =	\$0	0.00
Spread & Compact Fill Material	@	\$5	cy =	\$0	0.00
OUTLET STRUCTURE					
OUTLET PIPE	@		ea =	\$0	0.00
End Wall	@		ea =	\$0	0.00
Anti-Seep Collars	@		ea =	\$0	0.00
(\$100 per 12"0 increments)	@	\$100	sf =	\$0	0.00
Trash Rack	@	\$300	sf =	\$0	0.00
SPILLWAY LINING					
Seed, Fertilizer & Mulch	@	\$2.00	sy =	\$0	0.00
Sod	@	\$8.00	sy =	\$0	
Hydraulic Cem. Conc. - 4" Depth	@	\$54.00	sy =	\$0	0.00
Bituminous Concrete-1' Depth	@	\$5.00	sy =	\$0	0.00
Rip Rap	@	\$65.00	sy =	\$0	0.00
Grouted Rip-Rap	@	\$72.00	sy =	\$0	0.00

Page 6 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

J. STORMWATER MANAGEMENT/BMP FACILITIES (Continued)

QUANTITY		COST	
	Erosion Control Stone (EC-1)		
	# 57- Coarse Aggregate	@ \$90	ton = \$0
	Porous Pavement	@ \$25	cy = \$0
	4' High Chain Link Fence	@ \$10	sy = \$0
	(#9 gauge or Better)	@ \$7	lf = \$0
	6' High Chain Link Fence	@ \$11	lf = \$0
	(#9 gauge or Better)	@ \$11	lf = \$0
	6' Board Fence	@ \$11	lf = \$0
	Other		

K. MISCELLANEOUS DRAINAGE ITEMS

0	Box Culvert		@	\$4.00	lf	=	\$0		0.00
<u>DITCHES</u>									
0	Paved Ditches		@	\$7.00	sf	=	\$0		0.00
0	Filter Cloth Fabric & Gabion Stone		@	\$7.00	sf	=	\$0		0.00
0	Sod Ditch		@	\$8.00	sy	=	\$0		0.00
0	Seed, Fertilizer and Mulch		@	\$2.00	sy	=	\$0		0.00
0	Rip-Rap		@	\$7.22	sf	=	\$0		0.00
0	Grouted Rip-Rap		@	\$8.00	sf	=	\$0		0.00

Page 7 Sub-Total = 0.00



UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

2

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

A. SITE WORKS

	UP TO 5 AC.	OVER 5 AC.	COST
Clear & Grub	@ \$7,500 AC. = \$0	0 @ \$4,400 AC. = \$0	\$0.00

UP TO 2000
CU. YDS.

2001-100,000
CU. YDS.

OVER 100,000
CU. YDS.

0	Excavation	@ \$7 cy = \$0	@ \$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 SQ. YD. (\$ 200 Min.)		0.00
0	Slope Stab - Sod, Jute Mesh, etc. (between 2:1 to 3:1)		@ \$6.00 SQ. YD. (\$ 200 Min.)		0.00
0	Special Slope Stabilization		@ Lump Sum		0.00

B. SUBBASE & BASE COURSE

0	Aggregate (21A)	@ \$2.50 SQ. YD./Inch Depth	D= in	0.00
0	Top Course/Intermediate Course Bituminous Concrete	@ \$5.50 SQ. YD./Inch Depth	D= in	0.00
0	Base Bituminous Concrete	@ \$5.00 SQ. YD./Inch Depth	D= in	0.00
0	Class A Prim & Double Seal			
0	Surface Treatment (Tar & Chip)	@ \$2.00 SQ. YD.		0.00
0	Gravel Shoulders	@ \$8.50 SQ. YD. (4" Depth)		0.00
0	Sidewalk Underdrains	@ \$5.25 LF		0.00
0	Cement Stabilization	@ \$20.00 SQ. YD. (6" Depth)		0.00
0	Lime Stabilization	@ \$15.00 SQ. YD. (6" Depth)		0.00

Page 8 Sub-Total =

0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

C. ENTRANCES

0	R-5 Private Entrance	@ \$1,500	ea	=	\$0	
0	R-6 Private Entrance	@ \$1,500	ea	=	\$0	0.00
0	R-7 or equal (commercial Entrance)	@ \$3,000	ea	=	\$0	0.00
	30' Width					0.00
0	R-7 or equal (Commercial Entrance)	@ \$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	@ \$40	lf	=	\$0	0.00

D. MISCELLANEOUS CONSTRUCTION ITEMS

0	Sidewalk (4' and 5' Widths)	0	@ \$60	sy	=	\$0	0.00
0	Header Curb CG-2		@ \$20	lf	=	\$0	0.00
0	CG-12, Handicapped Ramp		@ \$3,000	ea	=	\$0	0.00
0	CG-6	0	@ \$25	lf	=	\$0	0.00

E. UP TO 500 LIN. FT.

0	Street Name Sign	@ \$300	ea	=	\$0	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



UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

<u>QUANTITY</u>		<u>UP TO 1000</u>		<u>OVER 1000</u>		<u>COST</u>
		<u>LIN. FT.</u>		<u>LIN. FT.</u>		
0	Guardrail	@	\$39	If =	\$0	\$0.00
0	GR-7 End Section	@	\$2,500	ea =	\$0	\$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 10</u>		<u>OVER 10</u>		<u>COST</u>
0	Fire Hydrant Assembly	@	\$5,000 ea =	\$0
	Sanitary Sewer Manhole	@	\$8,000 ea =	\$0
	5/8 x 3/4 Water Meter Setup	@	\$1,200 ea =	\$0
	1" Water Meter Setup	@	\$1,500 ea =	\$0
	1 1/2"-2" Water Meter Setup	@	\$2,000 ea =	\$0
	Water Meter Setup, 2" Or Larger	@		\$0

WATER MAIN (Exclusive of Fire Hydrants)

<u>UP TO 1000</u>		<u>OVER 1000</u>		<u>COST</u>	
<u>LIN. FT.</u>		<u>LIN. FT.</u>			
0	6"0	@	\$50	If =	\$0
0	8"0	@	\$60	If =	\$0
0	12"0	@	\$96	If =	\$0
0	16"0	@	\$115	If =	\$0
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UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

TAP OF WATER MAINS

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

SEWER PIPE LINE (Exclusive of Manhole Structures)

		UP TO 1000		OVER 1000		COST
		LIN. FT.		LIN. FT.		
0	4"0	@	\$40	If =	\$0	\$0.00
0	6"0	@	\$45	If =	\$0	\$0.00
0	8"0	@	\$65	If =	\$0	\$0.00
0	10"0	@	\$85	If =	\$0	\$0.00
0	12"0	@	\$115	If =	\$0	\$0.00
0	15"0	@	\$150	If =	\$0	\$0.00

MISCELLANEOUS

0	Connection to Existing Sewer or Manhole	@ \$750	ea	
0	Standard Drop Connection To Manhole	@ \$390	ea	

Page 11 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

4 UNIT PRICE LIST OR SILTATION AND EROSION CONTROL - TOWN OF WARRENTON

QUANTITY	ITEM	UNIT COST	COST
0	Diversion Dike	@ \$3.00 lf	0.00
0	Silt Fence	@ \$5.00 lf	0.00
0	Super Silt Fence (Safety Fence)	@ \$12.00 lf	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	@ \$1,400 ea	0.00
0	Temp. Const. Entrance w/wash rack	@ \$2,000 ea	0.00
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			0.00
0			0.00
E & S Sub-Total =			0.00

MINIMUM ACCEPTABLE AMOUNT FOR EROSION AND SEDIMENT CONTROL IS \$1,000.

Page 12 Sub-Total = 0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

5 UNIT PRICE LIST FOR LANDSCAPING - TOWN OF WARRENTON

QUANTITY	ITEM	SIZE	UNIT COST	COST
0	Seeding		@ \$2.00 sy	0.00
0	Sodding		@ \$6.00 sy	0.00
0	Planting Shrubs	12"	@ \$45 ea	0.00
0	Planting Shrubs	18"	@ \$50 ea	0.00
0	Planting Shrubs	24"	@ \$55 ea	0.00
0	Planting Shrubs	Larger	@ \$60 ea	0.00
0	Trees	4'-6'	@ \$150 ea	0
0	Trees	6'-8'	@ \$165 ea	0.00
0	Trees	8'-10'	@ \$250 ea	0.00
0	Trees	Larger	@ \$450 ea	0
0	Tree Protection	4'-6'	@ \$12 lf	0.00
0	Tree Wall, Stone (D= 10', H=3)	N/A'	@ \$5,236 ea	0.00
0	Other			
0				
0				
Page 13 Sub-Total =				0.00

UNIT LIST PRICE FOR PERFORMANCE BONDS - T.O.W

6 AS-BUILT DRAWING

QUANTITY

0	FT.	Storm Sewer Lines
0	FT.	Sanitary Sewer Lines
0	FT.	Water Lines
0	FT.	Gas
0	FT.	Telephone Lines
0	FT.	Power Lines
0	FT.	Cable TV. Lines
0	FT.	Sidewalk C&G
0	FT.	Sidewalk Alignment
		(Private or Public)
0	FT.	Other Items
0	FT.	Other Items

@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.00	If
@	\$1.50	If
@		If
@		If

COST

0.00
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MINIMUM ACCEPTABLE AMOUNT FOR PERFORMANCE BOND FOR AS-BUILT DRAWING IS \$ 2,500.00

Page 14 Sub-Total =

0.00

TOTAL CONSTRUCTION COST = \$0.00



MISCELLANEOUS - COSTS

\$0.00

\$0.00

\$0.00

- 1 For items identified with ** the quantity for the embankment material is the net
- 2 difference of total fill material needed and cut material available at the project
- 3 site, if excavated or cut material is suitable for embankment.
- 4
- 5 For some of the items on page 6 of this form, the unit prices are not provided. Please
- 6 refer to the appropriate section of this form to determine the applicable unit prices
- 7 for those items, if necessary.
- 8
- 9 The Unit cost for each of the items in this Unit Price List is the Installation cost
- 10 which includes factors such as excavation, bedding, backfilling, form work, etc.
- 11
- 12 Inflation has been calculated based on Northern Virginia Consumer Price Index of the
- 13 Washington, D.C., as provided by the Bureau of Labor and Statistics.
- 14
- 15 Whomever Certifies the Site Development Plans must also certify this Total
- 16 Performance Amount above and must bear the stamp and signature of the Professional
- 17 Engineer, Land Surveyor and etc. on the Submit Performance Bond

