

**Property Owners Association**

of

**Arundel on the Bay**

Anne Arundel County, Maryland

**SHORELINE, DRAINAGE & PAVEMENT IMPROVEMENTS**

**End of Rockway Av. / Intersection of Rockway Av. & Magnolia Av. / End of Cedar Av.**

**95% CD Submittal**

Thursday, April 19, 2007

PREPARED BY:

Andrews, Miller & Assoc., Inc.

Item	Quantity	UOM	Unit Price	Total Price
<b>A. Mob/Demob</b>				
1 Mobilization (5% of Construction Costs)	1	LS	\$ 2,398	\$ 2,398
2 Demobilization (5% of Construction Costs)	1	LS	\$ 2,398	\$ 2,398
			<b>Subtotal:</b>	<b>\$ 4,796</b>
<b>B. Sediment and Erosion Control</b>				
1 Reinforced Silt Fence	187	LF	\$ 7.00	\$ 1,309
2 Permanent Seed and Mulch	550	SY	\$ 2.00	\$ 1,100
3 Stabilized Construction Entrance	1	EA	\$ 500	\$ 500
			<b>Subtotal:</b>	<b>\$ 1,309</b>
<b>C. Stone Revetment at Rockway Avenue</b>				
1 Demolition	1	LS	\$ 1,000	\$ 1,000
2 Armor Stone	255	TON	\$ 65.00	\$ 16,575
3 Bedding Stone	45	TON	\$ 50.00	\$ 2,250
4 Filter Cloth	2,000	SF	\$ 0.80	\$ 1,600
5 Underlayer Stone	20	TON	\$ 40.00	\$ 800
			<b>Subtotal:</b>	<b>\$ 22,225</b>
<b>D. Drainage &amp; Storm Drain Improvements</b>				
1 Demolition	1	LS	\$ 1,000	\$ 1,000
3 Storm Drain Pipe (21"X15" BCCMP)	184	LF	\$ 53.00	\$ 9,752
4 Standard WR Storm Drain Inlet	1	EA.	\$ 2,500.00	\$ 2,500
5 CMP End Sections	3	EA.	\$ 200.00	\$ 600
6 Common Fill	150	CY	\$ 20.00	\$ 3,000
7 Topsoil	40	CY	\$ 40.00	\$ 1,600
8 Grading	300	SY	\$ 3.25	\$ 975
			<b>Subtotal:</b>	<b>\$ 19,427</b>
<b>E. Refurbishment of Existing Concrete Wall</b>				
1 Parge Existing Concrete Wall	1	LS	\$ 5,000	\$ 5,000
			<b>Subtotal:</b>	<b>\$ 5,000</b>
			<b>Subtotal:</b>	<b>\$ 52,757</b>
			<b>Miscellaneous &amp; Contingency @ 10%</b>	<b>\$ 5,276</b>
			<b>TOTAL COST:</b>	<b>\$ 58,033</b>
			<b>USE:</b>	<b>\$ 58,100</b>
<b>F. Add Alternate No. 1 - Bituminous Concrete Overlay</b>				
1 Mobilization & Demobilization (10% of Construction Costs)	1	LS	\$ 1,290	\$ 1,290
2 Bituminous Concrete Overlay - 3.25" Thickness	840	SY	\$ 13.85	\$ 11,630
3 Erosion Control Matting	75	SY	\$ 15.00	\$ 1,125
4 Permanent Seed and Mulch	75	SY	\$ 2.00	\$ 150
			<b>Subtotal:</b>	<b>\$ 14,195</b>
			<b>Subtotal w/ Add Alternate 1:</b>	<b>\$ 66,952</b>
			<b>Miscellaneous &amp; Contingency @ 10%</b>	<b>\$ 6,695</b>
			<b>TOTAL COST W/ ADD ALTERNATE NO. 1:</b>	<b>\$ 73,648</b>
			<b>USE:</b>	<b>\$ 73,700</b>