



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™
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 Certificate of Authorization #014

ENGINEER'S OPINION
 OF PROBABLE COST
 WORKSHEET

PROJECT TITLE		CG&A PROJECT NO.			
Hallandale Beach Stormwater 42 Year CDBG		16-9047			
Order of Magnitude Cost Estimate					
LOCATION					
Hallandale Beach, FL					
ESTIMATED BY MS		CHECKED BY MS		APPROVED BY MS	
ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	ESTIMATED AMOUNT
1.01	General Requirements	1	LS	\$5,000.00	\$5,000.00
1.02	Mobilization/Demobilization (5% Max)	1	LS	\$7,000.00	\$7,000.00
1.03	Maintenance of Traffic (5% Max)	1	LS	\$7,000.00	\$7,000.00
1.04	Prevention, Control and Abatement of Erosion and Water Pollution	1	LS	\$5,000.00	\$5,000.00
1.05	Clearing & Grubbing, Demolition, Removal & Disposal	1	LS	\$10,000.00	\$10,000.00
1.06	Earthwork, Excavation & Embankment, Site Grading	1	LS	\$10,000.00	\$10,000.00
1.07	Retro-Reflective Pavement Markers	20	EA	\$4.00	\$80.00
1.08	Thermoplastic, STD, White, Solid, 24"	185	LF	\$3.99	\$738.15
1.09	Thermoplastic, STD, Yellow, Solid, 6"	350	LF	\$1.50	\$525.00
1.10	Thermoplastic, STD, White, Solid, 12"	267	LF	\$1.94	\$517.98
1.11	Thermoplastic, STD, Pavement Message (SCHOOL)	1	EA	\$100.00	\$100.00
1.12	Thermoplastic Speed Hump Marking	1	EA	\$100.00	\$100.00
1.13	Single Post Sign, Furnish & Install	1	EA	\$500.00	\$500.00
1.14	Multi-Post Sign, Furnish & Install	3	EA	\$2,500.00	\$7,500.00
1.15	Detectable Warning Surface (Cast-in-place)	12	EA	\$300.00	\$3,600.00
1.16	15" HP Storm Gray Pipe (High Performance Polypropylene Pipe)	405	LF	\$80.00	\$32,400.00
1.17	Storm Manhole	2	EA	\$4,500.00	\$9,000.00
1.18	Storm Inlets/ Catch Basins	4	EA	\$4,000.00	\$16,000.00
1.19	Exfiltration Trench	25	LF	\$120.00	\$3,000.00
1.20	Concrete Curb & Gutter, Type F	20	LF	\$20.00	\$400.00
1.21	Remove and Reinstall Mail Boxes	3	EA	\$500.00	\$1,500.00
1.22	Root Pruning & Root Barrier	30	LF	\$10.00	\$300.00
1.23	Swale restoration, SOD	350	SY	\$2.85	\$997.50
1.24	Adjust Sanitary Sewer Lateral	100	LF	\$20.00	\$2,000.00
1.25	Adjust Potable Water Services	2	EA	\$500.00	\$1,000.00
1.26	Concrete Walkways/Sidewalk (6" Thick)	270	SY	\$40.00	\$10,800.00
1.27	Asphalt Driveway Reconstruction	200	SY	\$20.00	\$4,000.00
1.28	Milling Existing (Roadway) Asphalt Pave. (1" avg. depth)	921	SY	\$2.28	\$2,099.88
1.29	Concrete Apron for Catch Basins	3	EA	\$200.00	\$600.00
1.30	Asphalt Pavement (Roadway) Resurfacing, FDOT Type SP-9.5 (Traffic C) (1 inch)	51	TN	\$200.00	\$10,131.00
				SUBTOTAL	\$151,889.51
				TOTAL	\$151,889.51
				Contingency (10%) =	\$14,000.00
				Cost Total	\$165,889.51

MOHAMMED SHARIFUZZAMAN, P.E.
 State of Florida Professional Engineer
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