



Calvin, Giordano & Associates, Inc.

A SAFEbuilt COMPANY

ENGINEER'S OPINION OF
PROBABLE COST

DATE

5/2/2025

PROJECT TITLE				CGA PROJECT NO.	
Hallandale NE Section Drainage Infrastructure (P2414)				25-8447	
LOCATION					
NE 8th Ave					
OWNER					
City of Hallandale Beach					
ESTIMATED BY		TZ		CHECKED BY	
APPROVED BY					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
I. GENERAL					
1.01	General Requirements	1	LS	\$240,980.00	\$240,980.00
1.02	Mobilization and Demobilization	1	LS	\$72,294.00	\$72,294.00
1.03	Maintenance of Traffic	1	LS	\$16,868.60	\$16,868.60
1.04	Stormwater Pollution Prevention	2	EA	\$4,500.00	\$9,000.00
1.05	Survey and Record Drawings	1	LS	\$24,098.00	\$24,098.00
1.06	Miscellaneous Work Allowance	1	AL	\$121,000.00	\$121,000.00
1.07	Permitting Allowance (4.3%)	1	LS	\$103,621.40	\$103,621.40
GENERAL SUBTOTAL					\$587,862.00
II. UTILITIES					
2.01	Wet Well Structure	2	EA	\$264,400.00	\$528,800.00
2.02	Valve Vault Structure	2	EA	\$74,000.00	\$148,000.00
2.03	Electrical Services	2	EA	\$230,000.00	\$460,000.00
2.04	Control Panels	2	EA	\$85,000.00	\$170,000.00
2.05	Pump Stations Instrumentation	2	EA	\$47,000.00	\$94,000.00
2.06	Injection Wells Instrumentation	2	EA	\$25,000.00	\$50,000.00
2.07	Injection Wells	2	EA	\$60,000.00	\$120,000.00
2.08	Injection Structures	2	EA	\$18,500.00	\$37,000.00
2.09	Duplex Pumps/Motors	4	EA	\$88,000.00	\$352,000.00
2.10	Mechanical Piping & Appurtenances @ Wet Wells	4	EA	\$25,000.00	\$100,000.00
2.11	Mechanical Piping & Valves @ Valve Vaults	4	EA	\$35,000.00	\$140,000.00
2.12	Connection to Ex. SWM System	2	EA	\$8,000.00	\$16,000.00
2.13	Storm Piping (Dia. Varies)	400	LF	\$85.00	\$34,000.00
2.14	Drainage System Modifications	1	LS	\$60,000.00	\$60,000.00
UTILITIES SUBTOTAL					\$2,309,800.00
III. ROADWAY					
3.01	Roadway Restoration	1	LS	\$100,000.00	\$100,000.00
ROADWAY SUBTOTAL					\$100,000.00
TRADES SUBTOTAL					\$2,409,800.00
TOTAL CONSTRUCTION COST (GENERAL + TRADES)					\$2,997,662.00
ENGINEERING DURING CONSTRUCTION FEES					\$299,766.20
TOTAL PROJECT COST					\$3,297,428.20
ACCURACY RANGE				-20%	\$2,637,942.56
				40%	\$4,616,399.48

Notes:

1. This estimate was prepared in accordance with the Cost Estimate Classification System as recommended by AACE International. An AACE Class 1 Cost Estimate has an expected accuracy range of -20% to +40% as shown above and includes escalation for an anticipated construction date starting in 2027.
2. This estimate is based on the design to date and is therefore subject to change.
3. CGA has no control over costs of labor, materials, competitive bidding environments, unidentified field conditions, financial market conditions, or other factors likely to affect these estimated costs, all of which are and will unavoidably remain in a state of change, especially considering the high volatility of the market attributable to Acts of God and other market events beyond the control of all parties. This estimate represents a "snapshot in time" that will inherently degrade over time.