

2022 Regulatory Monitoring Required by the BMA for the 2020 Mid-Town Beach Nourishment Project & Palm Beach Harbor Disposal Project

DESCRIPTION	2022	Nearshore Hardbottom Edge Mapping Mid-Town Project Area- R-87 to R-106		Reach 2 regulatory monitoring Transect R-80.5 and installation/baseline of Transect R-82 (2 days)		Mid-Town Benthic Transect Monitoring- Sediment, Video, Benthic Quadrat - 13 Transects		Mid-Town Sediment Transect Monitoring - 8 transects (2 Days)		Statistical Data Analysis and Annual Report Preparation including Evaluation of BMA transect data		TOTAL	
		Units	\$	Units	\$	Units	\$	Units	\$	Units	\$	Units	\$
Coastal Eco-Group													
Labor Classification													
Principal Scientist	\$152.00	4	\$608.00	2	\$304.00	24	\$3,648.00	-	\$0.00	40	6,080.00	70	\$10,640.00
Senior Scientist	\$125.00	24	\$3,000.00	24	\$3,000.00	60	\$7,500.00	20	\$2,500.00	240	30,000.00	368	\$46,000.00
Staff Scientist	\$100.00	36	\$3,600.00	48	\$4,800.00	80	\$8,000.00	40	\$4,000.00	120	12,000.00	324	\$32,400.00
Junior Scientist	\$84.00	12	\$1,008.00	-	\$0.00	80	\$6,720.00	20	\$1,680.00	40	3,360.00	152	\$12,768.00
Boat Captain	\$78.00	24	\$1,872.00	24	\$1,872.00	60	\$4,680.00	20	\$1,560.00	-	\$0.00	128	\$9,984.00
Equipment													
Underwater Video Camera	\$50.00	2	\$100.00	2	\$100.00	5	\$250.00	2	\$100.00	-	\$0.00	11	\$550.00
Underwater Still Camera	\$30.00	-	\$0.00	2	\$60.00	5	\$150.00	2	\$60.00	-	\$0.00	9	\$270.00
Field Expendables	\$25.00	2	\$50.00	2	\$50.00	5	\$125.00	2	\$50.00	-	\$0.00	11	\$275.00
DGPS Mapping System	\$50.00	2	\$100.00	-	\$0.00	-	\$0.00	-	\$0.00	-	\$0.00	2	\$100.00
Dive Equipment	\$25.00	6	\$150.00	6	\$150.00	20	\$500.00	6	\$150.00	-	\$0.00	38	\$950.00
SCUBA Tanks Fills	\$8.00	12	\$96.00	12	\$96.00	40	\$320.00	18	\$144.00	-	\$0.00	82	\$656.00
Coastal Eco-Group Subtotal		100	\$10,584.00	98	\$10,432.00	304	\$31,893.00	100	\$10,244.00	440	\$51,440.00	1,042	\$114,593.00
Subcontractor Tetra Tech													
Labor Classification													
Senior Scientist	\$152.00	-	\$0.00	-	\$0.00	40	\$6,080.00	-	\$0.00	8	1,216.00	48	\$7,296.00
Equipment													
Dive gear/tanks	\$50.00	-	\$0.00	1	\$50.00	5	\$250.00	-	\$0.00	-	\$0.00	5	\$300.00
Tetra Tech Subtotal		-	\$0.00	-	\$50.00	40	\$6,330.00	-	\$0.00	8	\$1,216.00	48	\$7,596.00
Survey Vessel/Large Field Equipment													
Boat (rental)	\$600.00	2	\$1,200.00	2	\$1,200.00	5	\$3,000.00	2	\$1,200.00	-	\$0.00	7	\$6,600.00
Station Recon/Est. Equip. (Rebar, PK Nails, Markers, etc.)	\$300.00	-	\$0.00	1	\$300.00	1	\$300.00	-	\$0.00	-	\$0.00	1	\$600.00
Subtotal Materials/Equipment			\$1,200.00		\$1,500.00		\$3,300.00		\$1,200.00		\$0.00		\$7,200.00
TOTAL			\$11,784.00		\$11,982.00		\$41,523.00		\$11,444.00		\$52,656.00		\$129,389.00