



**HUMISTON
& MOORE
ENGINEERS**

COASTAL
ENGINEERING DESIGN
AND PERMITTING

5679 STRAND COURT
NAPLES, FLORIDA 34110
FAX: 239 594 2025
PHONE: 239 594 2021

SCOPE OF SERVICES

Tigertail Lagoon / Sand Dollar Island Ecosystem Restoration Project

Professional Services 2nd quarter of 2024

CONTRACT# 2023-009

Jan 09, 2024

This proposal consists of professional services required for Environmental Professional Services for Continuing permit compliance monitoring for the Tigertail Lagoon/Sand Dollar Island Ecosystem Restoration Project. This environmental services as described in the attached proposal from Turrell Hall and Associates and itemized below cover the 2nd quarter of 2024.

Environmental Services: Turrell, Hall & Associates (itemized proposals attached)

Services as itemized in the attached proposal from THA include, water quality, escarpment management, bird monitoring, beach tilling services and coordination with permitting agencies.

Subtotal: \$18,684.00

H&M Engineering professional Services:

- **Project Assessment:** Site observations, monthly aerial photos, and data analysis

Subtotal: \$2,405.00

The H&M professional service will be billed on a time and materials basis.

Estimated hours of Services:

Senior Project Manager 5 hours @ \$203.00 = \$1,015.00

Project Manager 4 hours @ \$160.00 = \$640.00

Engineer 3 hours @ \$130.00 = \$390.00

Clerical/Administrative 2 hours @ \$73.00 = \$146.00

CADD Technician 2 hours @ \$107.00 = \$214.00

Subtotal: \$2,405.00

Total: \$21,089



TURRELL, HALL & ASSOCIATES, INC.

Marine & Environmental Consulting

3584 Exchange Avenue • Naples, Florida 34104-3732 • 239-643-0166 • Fax (239) 643-6632 • tuna@thanaples.com

March 12, 2024

Hideaway Beach Tax District
City of Marco Island
C/o Mr. Mohamed Dabees
Humiston & Moore Engineers
5679 Strand Court
Naples, FL 34110

**Re: Proposal for Professional Environmental Services
Sand Dollar Island/Tigertail Restoration Project-
Continuing Services: March through May 2024**

Dear. Mr. Dabees:

Turrell, Hall & Associates, Inc. is pleased to provide you with this proposal which will continuing permit compliance services required by permit 0401778-001-JC and SAJ-2007-04224.

TASKS	DESCRIPTIONS	AMOUNTS
1	QUARTERLY DISCRETE LAB SAMPLING	\$1,004.00
1a	Quarterly Discrete Water Quality Sampling by a Lab: April 2024	\$1004
2	MONTHLY WATER QUALITY MONITORING	\$560.00
2a	Water Quality Sonde Calibration, battery check, download and input all water quality data: April 2024	\$280
2b	Water Quality Sonde Calibration, battery check, download and input all water quality data: May 2024	\$280
4	ESCARPMENT SURVEY AND MAINTENANCE	\$650.00
4a	March 15 th , Pre-Turtle Nesting Escarpment Survey.	\$325
4b	Coordinate with County staff during physical work.	\$325
10	TWICE MONTHLY BIRD MONITORING	\$1,710.00
10a	Plovers, Red knots, Shorebirds, Skimmers- April	\$855
10b	Plovers, Red knots, Shorebirds, Skimmers- May	\$855
14	MISCELLANEOUS SERVICES & COORDINATION (T&M) Coordination with agencies, Board, Attend Meetings, etc.	\$975.00
15	T-GROIN VEGETATION MANAGEMENT (PERMIT 0309260-010-JM)	\$500.00
	Spring 2024 vegetation management inspection and relocation effort.	\$500.00
17	TILLING SERVICES	\$13,285.00
17a	Bird Monitoring 10-days prior to physical work.	\$4,500
17b	Onsite coordination with tilling contractor during work times.	\$455
17c	Sub-contractor till work- Sand Dollar	\$5,000
17d	Sub-contractor till work- Hideaway Beach 6000 Building Area	\$2,000
17e	Sand Compaction testing for agency coordination of tilling. Prepare data.	\$1,330
	TOTAL AMOUNT FOR MARCH - MAY (31) 2024	\$18,684.00

Please feel free to contact me with any questions.

Respectfully,

A handwritten signature in blue ink that reads "Marielle N". The signature is written in a cursive, flowing style.

Marielle Nageon de Lestang
Operations Manager & Senior Biologist