



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

2026 Maintenance Project -Professional Services

CONTRACT# 2023-009

November 2025

This proposal consists of professional services required for Environmental and Engineering Professional Services for the 2026 maintenance along Tigertail lagoon and Sand Dollar Island Spit. The proposed maintenance aims at addressing steep escarpments along the spit shoreline. This will be accomplished by excavation of 7,000 to 9000 cubic yards of sand from the sand trap and placing the sand seaward of the escarpments to achieve the required grades prior to nesting season. This will address compliance requirements for the Tigertail Lagoon/Sand Dollar Island Ecosystem Restoration Project. The environmental services described in the attached proposal from Turrell Hall and Associates and itemized below cover turbidity monitoring and permit compliance items.

Environmental Services: Turrell, Hall & Associates

Turbidity monitoring

Coordination with agencies

Subtotal: \$11,100.00

H&M Engineering Professional Services:

- Preparation of project plans and technical specs
- Project monitoring and progress aerial photos
- Preparation of compliance reports
- Project management and coordination with permitting agencies

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

Estimated hours of Services:

Principal Engineer 20 hours @ \$231.00 = \$4,620.00

Senior Project Manager 25 hours @ \$203.00 = \$5,075.00

Engineer 15 hours @ \$130.00 = \$1,950.00

Scientist/Geologist 15 hours @ \$115.00 = \$1,725.00

Senior Tech 5 hours @ \$103.00 = \$515.00

CADD Technician 3 hours @ \$107.00 = \$321.00

Total: \$14,326.00

Subtotal: \$14,206.00

Total: \$25,306.00



TURRELL, HALL & ASSOCIATES, INC.

Marine & Environmental Consulting

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November 5, 2025

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-
Construction Monitoring Services for Two-Week Berm Repairs**

Dear. Mr. Dabees:

Turrell, Hall & Associates, Inc. is pleased to provide you with this proposal to provide construction monitoring services and coordination for the anticipated two-week berm repair project in January (2026) as described below.

TASK	CONSTRUCTION MONITORING	COST
1	Turbidity Testing and Reporting for an additional 14 days at \$750/day. Test dredge and disposal sites for turbidity per the FDEP permit twice daily and provide weekly reports for DEP summarizing all the efforts and maps.	\$10,500.00
2	Pre- and post-construction coordination required by permit with various agencies. Includes pre- and post-con submittals and calls.	T&M \$600.00
	TOTAL SERVICES	\$11,100.00

Please feel free to contact me with any questions.

Respectfully,

Marielle Nageon de Lestang
Operations Manager & Senior Biologist