

December 12, 2024

Meeting Agenda and Notice

Coastal Advisory Committee (CAC)

Thursday, December 12, 2024– 1:00 p.m.

Collier County Board Chambers

Collier County Government Center

3299 Tamiami Trail East, Third Floor, Naples, FL

Sunshine Law on Agenda Questions

2024 CAC MEETING DATES

I. Call to Order

II. Pledge of Allegiance

III. Roll Call

IV. Changes and Approval of Agenda

V. Public Comments

VI. Approval of CAC Minutes

November 14, 2024

VII. Staff Reports

Extended Revenue Report

VIII. New Business

1. ES - Wiggins Pass Permit Modification

- Work Order - Wiggins Pass Permit Modification

IX. Old Business

X. Announcements

XI. Committee Member Discussion

- Invitation to Colleen Greene's Sunshine Law presentation

XII. Next Meeting Date/Location

January 9, 2025 at 1:00 p.m.

XIII. Adjournment

All interested parties are invited to attend, and to register to speak and to submit their objections, if any, in writing, to the board prior to the meeting if applicable.

For more information, please contact Andrew Miller at (239) 252-2922.

If you are a person with a disability who needs any accommodation in order to participate in this proceeding, you are entitled, at no cost to you, to the provision of certain assistance. Please contact the Collier County Facilities Management Department located at 3301 East Tamiami Trail, Naples, FL 34112, (239) 252-8380.

Public comments will be limited to 3 minutes unless the Chairman grants permission for additional time.

Collier County Ordinance No. 99-22 requires that all lobbyists shall, before engaging in any lobbying activities (including, but not limited to, addressing the Board of County Commissioners) before the Board of County Commissioners and its advisory boards, register with the Clerk to the Board at the Board Minutes and Records Department.

COLLIER COUNTY
COASTAL ADVISORY COMMITTEE (CAC)
Thursday, November 14, 2024 – 1:00 p.m.
Collier County Board Chambers
Collier County Government Center
3299 Tamiami Trail East, 3rd Floor, Naples, FL

Chairman Joe Burke, City of Naples
Linda Penniman, City of Naples
Erik Brecknitz, City of Marco Island
Jim Burke, Unincorporated Collier County
Bob Raymond, Unincorporated Collier County
Robert Roth
Dr. Judith Hushon

ALSO, PRESENT
Andy Miller, Coastal Zone Management
Colleen Greene, Managing Assistant County Attorney

Any person who decides to appeal a decision of This Board you will need a record of the proceedings pertaining thereto and therefore may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based, Neither Collier County nor This Board shall be responsible for providing this record.

1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL**
4. **CHANGES AND APPROVAL OF AGENDA**
Motion passed 7-0
5. **PUBLIC COMMENTS**

Patrick Wack, Seagate POA and Joanne Janney, Naples Gate

Patrick Wack presented a packet about the water quality at Clam Bay and asked the Board to allocate \$75,000.00.

The responsibility for Clam Pass and the affected mangrove forest is Pelican Bay Services Division. This request should go to them. If Pelican Bay Services approves your request, they would recommend this Board to recommend it to the TDC and they would recommend it to the BCC.
This Board cannot act on Public Comment. It must be a regular agenda item for that.

Scott Schultz, Chairman of Coastal Storm Risk Management Ad Hoc Committee

I've spoken to 13 of the 18 HOA's in the City of Naples. All the HOA's I met with did not want structures for storm protection.

I'm a resident of Naples Cay and the Naples Cay Master wants structures.

Army Corps will deliver a plan in 2025 for us to make a recommendation to the BCC.

Dr. Judith Hushon – I wrote a letter and asked for the Army Corps send people to Naples to ride the Beaches here and assess the situation after the last 2 Hurricanes.

Andy Miller – They are here today.

6. APPROVAL OF CAC MINUTES September 19, 2024

Robert Roth asked for corrections. Core be changed to Corps, \$50.00 per cubic ton changed to cubic yard and clarification of \$15,000.

Would like pages numerated

Bob Raymond indicated he was listed as a Councilman which is incorrect.

Bob Raymond moved to approve the minutes with amendments

Robert Roth seconded

Motion passed 7-0

7. STAFF REPORTS

Extended Revenue Report

Andy Miller presented table and chart of revenues exceeding budget and last year's numbers.

8. NEW BUSINESS

1. ES – 2025 Annual Monitoring

Andy Miller

Our annual monitoring, which is our survey of the beaches and inlets performed by Humiston & Moore Engineers.

This item is a recommendation to approve and authorize the chair, to approve and authorize the chair, to execute a work order with Humiston and Moore Engineers to provide professional engineering services for State required annual monitoring of Collier County beaches and inlets for 2025 under contract 18-7432-CZ for time and materials not to exceed \$158,597 and make a finding that this item promotes tourism.

- **Work Order – 2025 Annual Monitoring**

Motion pass 7-0

2. ES – Earth Tech Emergency Re-Grade

- **Proposal – Barefoot-Vanderbilt Beach**
- **Proposal – Naples Beaches**

Andy Miller

The recommendation here is to authorize a budget amendment to approve or to provide funding for regrading of the beaches damaged by hurricanes Helene and Milton and make a finding that this expenditure promotes tourism. The amount is \$538,000.00.

Our pre-construction meeting for the planting project is on Dec. 10 with the Board of County Commissioners. We'll be meeting with the contractor and the FDEP and the other agencies, including the City of Naples to talk about the planting schedule.

Dr. Judith Hushon

The test plot that the Garden planted did not do well in these storms. They did a test plot using the same plants that they are using for the beach.

Robert Roth motioned to approve the budget amendment

Dr. Judith Hushon seconded

Motion passed 7-0

3. ES – H&M Emergency Beach Survey

- **H&M – Post Milton Survey Proposal**
- **SDI – Post Milton Survey Proposal**

Andy Miller

FTEP sent out an email a few weeks after the storm asking for the survey information to be provided to them by November 27th. We've already released Thomas and Amor on an emergency PO, but this additional revenue will give them enough money to do the work and complete the work.

It is more than the original PO.

We already approved the annual monitoring effort on our first item, which includes surveying our beaches and inlets. This PO includes the the cost of resurveying the beaches and inlets. And the good news is that the surveys would have been so close together that FDEP will, allow us to use one for the other or one for both. We won't have to duplicate that effort.

Robert Roth motioned to approve

Dr. Judith Hushon seconded

Motion passed 7-0

4. ES – 2024 Park Shore Renourishment

- **24-8292 Contract – Park Shore Renourishment**

Dr. Judith Hushon motioned to approve the Park Shore Renourishment amount of \$3,563,530.00.

Robert Roth seconded

Motion passed 7-0

9. OLD BUSINESS

None

10. ANNOUNCEMENTS

None

11. COMMITTEE MEMBER DISCUSSION

Chairman Burke

Andy and his staff have had a very busy fall, and we should congratulate them on great job.

12. NEXT MEETING DATE/LOCATION

December 12, 2024, at 1:00 p.m.

13. ADJOURNMENT

There being no further business for the good of The County, the Coastal Advisory Committee Hearing was adjourned at 1.56 p.m.

Collier County Coastal Advisory Committee

Chairman Joe Burke

The Minutes were approved by

Name

Signature

as presented on _____

or amended on _____

FY 24 TDT Collections Report																																													
31-Oct-2024																																													
Fund Reporting	Fund	Adopted Budget	Updated Annual Forecast	Budgeted YTD	YTD Actual	Variance to Budgeted YTD																																							
Beach Park Facilities	1100	1,234,300	1,741,256	1,234,300	1,741,566	507,266																																							
TDC Promotion	1101	12,221,500	18,062,603	12,221,500	18,063,184	5,841,684																																							
Non-County Museums	1103	658,500	928,961	658,500	926,907	268,407																																							
TDC Admin	1104	-	-	0	-	-																																							
Beach Renourishment	1105	13,438,900	18,958,571	13,438,900	18,956,986	5,518,086																																							
Disaster Recovery	1106	-	-	0	-	-																																							
County Museums	1107	2,000,000	2,000,000	2,000,000	2,000,000	(0)																																							
TDC Capital	1108	4,923,200	6,945,274	4,923,200	6,948,022	2,024,822																																							
	Gross Budget	34,476,400	48,636,665	34,476,400	48,636,665	14,160,265																																							
	Less 5% Rev Res	(1,723,800)	41.07%		% Over/(Under) Bud	41.1%																																							
	Net Budget	32,752,600																																											
Collections																																													
Month Reported	Actual	Cum YTD	% Budget Collected to Date	% Variance FY23 Collections	% Variance FY22 Collections	% Variance FY21 Collections																																							
Nov	2,566,657	2,566,657	7.44%	9.03%	14.03%	116.41%																																							
Dec	3,274,362	5,841,019	16.94%	23.72%	12.56%	106.35%																																							
Jan	4,411,180	10,252,199	29.74%	18.85%	-1.89%	53.59%																																							
Feb	6,538,419	16,790,618	48.70%	20.84%	9.49%	84.87%																																							
Mar	6,868,217	23,658,835	68.62%	7.92%	6.14%	66.31%																																							
Apr	8,138,935	31,797,770	92.23%	11.53%	-2.59%	22.15%																																							
May	4,267,727	36,065,497	104.61%	5.48%	-11.71%	6.09%																																							
June	3,143,665	39,209,162	113.73%	14.89%	1.63%	18.48%																																							
July	2,558,564	41,767,726	121.15%	4.98%	-3.32%	-2.46%																																							
Aug	2,651,744	44,419,470	128.84%	-4.10%	2.84%	-7.80%																																							
Sept	2,236,835	46,656,304	135.33%	0.17%	11.56%	8.71%																																							
Oct	1,980,361	48,636,665	141.07%	-5.94%	6.51%	-0.24%																																							
Total	48,636,665	48,636,665	YTD	15.79%	6.63%	34.38%																																							
48,636,665																																													
Budget Comparison																																													
	5 Yr History-Cum	5 Yr History-Monthly	Budgeted Collections	Actual Collections	Budget to Actual Variance	Updated Forecast																																							
Nov	4.4%	4.4%	1,517,975	2,566,657	1,048,682	2,566,657																																							
Dec	10.0%	5.6%	1,934,395	3,274,362	1,339,967	3,274,362																																							
Jan	18.7%	8.7%	3,001,834	4,411,180	1,409,346	4,411,180																																							
Feb	30.8%	12.1%	4,168,363	6,538,419	2,370,056	6,538,419																																							
Mar	44.8%	14.0%	4,823,183	6,868,217	2,045,034	6,868,217																																							
Apr	61.4%	16.6%	5,723,547	8,138,935	2,415,388	8,138,935																																							
May	71.9%	10.5%	3,606,621	4,267,727	661,106	4,267,725																																							
June	78.3%	6.5%	2,229,096	3,143,665	914,569	3,143,665																																							
July	84.1%	5.8%	1,983,274	2,558,564	575,290	2,558,564																																							
Aug	90.0%	6.0%	2,053,876	2,651,744	597,868	2,651,744																																							
Sept	94.9%	4.9%	1,685,186	2,236,835	551,648	2,236,835																																							
Oct	100.0%	5.1%	1,749,050	1,980,361	231,311	1,980,361																																							
Total	100.0%	100.0%	34,476,400	48,636,665	14,160,265	48,636,665																																							
% over/(under) budget 41.1% 41.07%																																													
Tourist Development Tax Collection Curve <table><caption>Tourist Development Tax Collection Data</caption><tr><th>Month</th><th>Budgeted Collections</th><th>Actual Collections</th></tr><tr><td>Nov</td><td>1,517,975</td><td>2,566,657</td></tr><tr><td>Dec</td><td>1,934,395</td><td>3,274,362</td></tr><tr><td>Jan</td><td>3,001,834</td><td>4,411,180</td></tr><tr><td>Feb</td><td>4,168,363</td><td>6,538,419</td></tr><tr><td>Mar</td><td>4,823,183</td><td>6,868,217</td></tr><tr><td>Apr</td><td>5,723,547</td><td>8,138,935</td></tr><tr><td>May</td><td>3,606,621</td><td>4,267,727</td></tr><tr><td>June</td><td>2,229,096</td><td>3,143,665</td></tr><tr><td>July</td><td>1,983,274</td><td>2,558,564</td></tr><tr><td>Aug</td><td>2,053,876</td><td>2,651,744</td></tr><tr><td>Sept</td><td>1,685,186</td><td>2,236,835</td></tr><tr><td>Oct</td><td>1,749,050</td><td>1,980,361</td></tr></table>							Month	Budgeted Collections	Actual Collections	Nov	1,517,975	2,566,657	Dec	1,934,395	3,274,362	Jan	3,001,834	4,411,180	Feb	4,168,363	6,538,419	Mar	4,823,183	6,868,217	Apr	5,723,547	8,138,935	May	3,606,621	4,267,727	June	2,229,096	3,143,665	July	1,983,274	2,558,564	Aug	2,053,876	2,651,744	Sept	1,685,186	2,236,835	Oct	1,749,050	1,980,361
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EXECUTIVE SUMMARY

Recommendation to approve a work order with Humiston & Moore Engineers to provide professional support services for the application of a modification to USACE Permit No. AJ-2004-07621(IP-MJD) to allow dredged sand to be placed on Delnor-Wiggins State Park beach, under the current library services contract 18-7432-CZ, for time and material estimated at \$21,245.00, authorize the necessary budget amendment, authorize the Chairman to execute the work order and make a finding that this item promotes tourism.

OBJECTIVE: To modify USACE Permit No. AJ-2004-07621(IP-MJD) to allow for dredged sand to be placed on Delnor-Wiggins State Park upland beach from Wiggins Pass to FDEP monument R-18.

CONSIDERATIONS: On September 20, 2022 the Florida Department of Environmental Protection (FDEP) issued a major modification to FDEP Permit No. 0142538-018-JM to allow dredged sand from Wiggins Pass to be placed on the northern section of Delnor-Wiggins State Park beach to assist with shoreline recovery between FDEP monuments R-17 and R-18. This item is to allow Humiston & Moore Engineers to complete the associated USACE permit modification for future dredging projects at Wiggins Pass.

Humiston & Moore Engineers will provide professional engineering services to the County in support of the application, including preparation of Permit Drawings, FDEP and U.S. Army Corps of Engineers (USACE) Permitting, and Approved FDEP and USACE Permit and Permit Drawings.

This item is consistent with the Quality of Place Objectives of the County's Strategic Plan.

FISCAL IMPACT: Funding in the amount of \$21,245 is available in the Tourist Development Tax Fund (1105) project number 80288, Wiggins Pass Dredging. The source of funding is Tourist Development Tax.

FDEP cost-share funding will be requested if eligible at a future date to reimburse Collier County for a portion of the completed work.

GROWTH MANAGEMENT IMPACT: This item is consistent with the Conservation and Coastal Management Element of the County's Growth Management Plan.

ADVISORY BOARD RECOMMENDATIONS: This item will be presented at the Coastal Advisory Committee meeting on December 12, 2024, and the Tourist Development Council on December 17, 2024.

LEGAL CONSIDERATIONS: This item is approved as to form and legality and requires majority vote for approval. – CMG

RECOMMENDATION: To approve a work order with Humiston & Moore Engineers to provide professional support services for the application of a modification to USACE Permit No. AJ-2004-07621(IP-MJD) to allow dredged sand to be placed on Delnor-Wiggins State Park beach, under the current library services contract 18-7432-CZ, for time and material estimated at \$21,245.00, authorize the necessary budget amendment, authorize the Chairman to execute the work order and make a finding that this item promotes tourism.

Prepared By: Andrew Miller, P.E., Coastal Zone Management, Capital Project Planning, Impact Fees and

Program Management Division

WORK ORDER/PURCHASE ORDER

Contract 18-7432-CZ "Professional Services Library – Coastal Engineering Category"

Contract Expiration Date: March 9, 2025

This Work Order is for professional Engineering Services for work known as:

Project Name: Wiggins Pass Permit Modification

Project No: 80288.1

The work is specified in the proposal dated October 1, 2024, which is attached hereto and made a part of this Work Order. In accordance with Terms and Conditions of the Agreement referenced above, this Work Order/Purchase Order is assigned to: Humiston & Moore Engineers, P.A.

Scope of Work: As detailed in the attached proposal and the following:

- * Task 1 USACE Permitting
- * Task 2 Subconsultant

Schedule of Work: Complete work within 365 days from the date of the Notice to Proceed which is accompanying this Work Order. The Consultant agrees that any Work Order that extends beyond the expiration date of Agreement # 18-7432-CZ will survive and remain subject to the terms and conditions of that Agreement until the completion or termination of this Work Order.

Compensation: In accordance with the Agreement referenced above, the County will compensate the Firm in accordance with following method(s): ☒Negotiated Lump Sum (NLS) ☐Lump Sum Plus Reimbursable Costs (LS+RC) ☒Time & Material (T&M) (established hourly rate – Schedule A) ☐Cost Plus Fixed Fee (CPFF), as provided in the attached proposal.

Task 1	\$ 18,045.00 (T&M)
Task 2	\$ 3,200.00 (LM)

TOTAL FEE	\$ 21,245.00
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PREPARED BY: MillerAndrew
Digitally signed by
MillerAndrew
Date: 2024.10.01 15:27:25
-04'00'

Andrew Miller, Manager

Date

APPROVED BY: Johnssen_b
Digitally signed by
Johnssen_b
Date: 2024.10.02
08:47:53 -04'00'

Beth Johnssen, Division Director

Date

APPROVED BY: ScottTrinity
Digitally signed by
ScottTrinity
Date: 2024.12.06
21:35:39 -05'00'

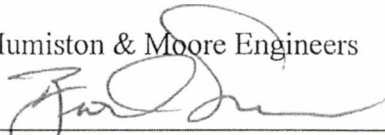
Trinity Scott, Department Head

Date

By the signature below, the Firm (including employees, officers and/or agents) certifies, and hereby discloses, that, to the best of their knowledge and belief, all relevant facts concerning past, present, or currently planned interest or activity (financial, contractual, organizational, or otherwise) which relates to the proposed work; and bear on whether the Firm has a potential conflict have been fully disclosed.

Additionally, the Firm agrees to notify the Procurement Director, in writing within 48 hours of learning of any actual or potential conflict of interest that arises during the Work Order and/or project duration.

ACCEPTED BY: Humiston & Moore Engineers


Brett Moore, President

12/6/2024
Date

(Remainder of page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto, have each, respectively, by an authorized person or agent, have executed this Work Order on the date and year first written below.

ATTEST:

_____, Clerk of Courts

BOARD OF COUNTY COMMISSIONERS
COLLIER COUNTY, FLORIDA

By: _____

By: _____

Chris Hall , Chairman

Dated: _____
(SEAL)

Humiston & Moore Engineers

First Witness

By: _____
Signature

↑Type/print witness name↑

Brett D. Moore, President
↑Type/print signature and title↑

Second Witness

↑Type/print witness name↑

Approved as to Form and Legality:



Assistant County Attorney

Print Name

SCOPE OF WORK WIGGINS PASS PERMIT MODIFICATION

CONTRACT 18-7432-CZ

✓ OCTOBER 1, 2024 (valid for 120 days)

Introduction: The following is a scope of services for obtaining updates to the federal regulatory permit for adaptable design associated with the Wiggins Pass Navigation Channel Maintenance Dredging. Updates to the regulatory permits will include flexibility in the specific alignment for navigation channel dredging across the ebb shoal, additional beach disposal area along Delnor Wiggins State Park, and nearshore grading along the inlet banks. In all cases herein, *County* refers to Collier County, *Park* refers to Delnor Wiggins State Park, *Preserve* refers to Barefoot Beach Preserve, *DEP* refers to Department of Environmental Protection, *USACE* refers to the U.S. Army Corps of Engineers, and *Engineer* refers to Humiston & Moore Engineers. The modifications will allow for improved design options for improved project sustainability, and ability to address specific areas of erosion along Delnor Wiggins State Park. The maximum duration of this work is less than 365 days with the intent of being significantly shorter dependent on permit review by the Ft. Myers USACE agency offices. A state DEP permit modification has been issued which will serve as water quality certification for the USACE. A previous pre-application meeting was held with the USACE staff in 2022; however, the permitting process at the USACE became lengthy and non-responsive with priority given to emergency permits following the impacts from Hurricane Ian in September 2022 and Idalia in August 2023. Length of processing will depend upon coordination with the federal environmental resource agencies U.S Fish and Wildlife Service (FWS) and NOAA National Marine Fisheries Service (NMFS).

Background: State and federal permits are in place at this time for ongoing maintenance dredging of Wiggins Pass. Permit drawings have been prepared based on 2021 monitoring surveys. The changes to the permitted design address ongoing erosion along the Park south of the inlet. There also exists an accreted sand spit on the south shoreline of the inlet along the north Park boundary with opportunity to place sand in the adjacent area in need of sand extending below Mean High Water. Improved management considerations include inlet monitoring and current shoaling patterns. This allows for adjustments to the specific alignment of the dredge channel across the ebb shoal, beneficial to project performance and related costs. These amendments to the inlet maintenance program remain consistent with the overall goals of the ongoing management of the inlet and approved permits and have been found acceptable to DEP.

Task 1: USACE Permitting

State and Federal Permit Applications: Based on feedback from state and federal agencies, Engineer has filed the necessary permit modifications for the improvements listed herein in 2022. Engineer on behalf of DEP Division of Recreation and Parks, previously obtained the required archeological assessment of the original beach disposal areas along the Park as well as additional areas extending north to the inlet and east along the inlet bank. Based on the assessment, each of these areas are eligible for consideration of beach fill and have been approved by DEP. Engineer will review plans and details filed previously with USACE for follow up as needed with current available data so USACE can generate a Public Notice and initiate consultation with FWS and NOAA NMFS.

Wiggins Pass Maintenance Dredging
Professional Services Federal Permit Modifications
Prepared by Humiston & Moore Engineers 07-29-2024

Requests for Additional Information (RAI): Engineer will respond to RAIs to complete the modification requests for permit issuance. Engineer will coordinate with the U.S. Fish and Wildlife Service (FWS) and National Marine Fisheries Service (NMFS) as necessary during the permit coordination. This may require coordination with NOAA Protected Resources Division. Engineer will coordinate all responses through Coastal Zone Management and keep the County and State Parks informed as stakeholders. Local County staff expertise and physical and biological monitoring of the 2020 dredging of Water Turkey Bay and Interim Dredging at Wiggins Pass will be potential resources in addressing questions from the state and federal staff.

Deliverable: Approved USACE Permit Modifications and approved Permit Drawings.
Task 1 (TM) Estimate \$18,045.00 ✓

Task 2: Subconsultant

Earth Tech – Subconsultant Environmental subconsultant to address submerged aquatic vegetation and natural resources, if needed.

Deliverable: Environmental Resource Survey Report (updated 2022 SAV if required)
Task 2 (LS) \$3,200.00 ✓

Professional Services as referenced herein will be provided for a total Not to exceed budget of \$21,245. Time period is estimated within 365 days. Application fees will be addressed separately by County. Professional services will be provided in accordance with Contract 18-7432-CZ between Engineer and County.

Sincerely yours,

HUMISTON & MOORE ENGINEERS



Brett D. Moore, P.E., B.C.CE.
President

Wiggins Pass USACE Permit Modification - Maintenance Dredging						
1. Permit Modification with USACE						
1	Federal Permitting - USACE				18,045.00	
2- Subconsultant						
	Earth Tech Environmental (if required)				3,200.00	
Total:						21,245.00
Summary Breakdown of Cost Estimate						
			RATE/UNIT	HOURS/QT	COST	AMOUNT
	Principal Engineer	✓	231	32		\$7,392.00 ✓
	Senior Engineer	✓	177	4		\$708.00 ✓
	Project Manager	✓	160	0		\$0.00
	Engineer	✓	130	24		\$3,120.00 ✓
	Senior Designer	✓	140	0		\$0.00
	Designer	✓	105	0		\$0.00
	Senior Technician	✓	103	24		\$2,472.00 ✓
	Inspector	✓	93	0		\$0.00
	Technician	✓	83	0		\$0.00
	Cadd Technician	✓	107	40		\$4,280.00 ✓
	Clerical/AdministrativeAdmin/clerical	✓	73	1		\$73.00 ✓
	Environmental Support		1	3,200.00		\$3,200.00 ✓
					Project Total:	\$21,245.00



FROM
Jeremy Sterk
Earth Tech Environmental
10600 Jolea Avenue
Bonita Springs, FL 34135
www.eteflorida.com

PHONE
239-304-0030

FOR
Humiston & Moore Engineers

TO
Kathleen Martin

EMAIL
km@humistonandmoore.com

COPY TO
Brett Moore

PROPOSAL NUMBER
1892

DATE
October 1, 2024

EXPIRY DATE
December 31, 2024

ETE Proposal for Environmental Consulting Services

Project: Wiggins Pass

General environmental consulting for the Wiggins Pass project. The duration of this work is 180 days under Contract 18-7432 (Environmental Engineering).

Thank you for the opportunity.

Earth Tech Environmental, LLC (ETE) appreciates the opportunity to provide you with the following agreement for professional environmental services.

Scope of Professional Services:

ETE is proposing the following Scope of Services for this project:

General Environmental Consulting associated with Permit Modifications (Timed, Not to Exceed):

General consulting for environmental permitting support tasks. ETE will respond to agency requests for additional information. Information will be coordinated\provided to the project engineer. This is a timed task and is billed hourly as work is completed. Hourly rate as approved in the environmental engineering contract: Environmental Specialist @ \$109 per hour.

3,200.00
x 1
3,200.00

Total **\$3,200.00**

CAO

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SCHEDULE B-ATTACHMENT 1

RATE SCHEDULE

Title	Hourly Rate
Principal	\$231
Senior Project Manager	\$203
Project Manager	\$160
Senior Engineer	\$177
Engineer	\$130
Senior Inspector	\$126
Inspector	\$93
Senior Planner	\$150
Planner	\$120
Senior Designer	\$140
Designer	\$105
Environmental Specialist	\$120
Senior Environmental Specialist	\$167
Scientist/Geologist	\$115
Senior Scientist/Geologist	\$153
Marine Biologist/Hydrogeologist	\$120
Senior Marine Biologist/Hydrogeologist	\$145
Senior GIS Specialist	\$155
GIS Specialist	\$115
Clerical/Administrative	\$73
Senior Technician	\$103
Technician	\$83
Surveyor and Mapper	\$125
CADD Technician	\$107
Survey Crew - 2 man	\$145
Survey Crew - 3 man	\$180
Survey Crew - 4 man	\$215
Senior Architect	\$160
Architect	\$125

The above hourly rates are applicable to Time and Materials task(s) only. The above list may not be all inclusive. Hourly rates for additional categories required to provide particular project services shall be mutually agreed upon by the County and firm, in writing, on a project by project basis, as needed, and will be set forth in the Work Order agreed upon by the parties.

☒ **Grant Funded:** The above rates are for purposes of providing estimate(s), as required by the grantor agency.

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