

EXECUTIVE SUMMARY

Recommendation to award proposal #09-5305 to BSSW Architects, Inc., in the amount of \$30,800 for the design of the “Wildlife Observation Tower at Tigertail Beach,” approve the necessary funding increase in the amount of \$5,800 and make a finding that this expenditure promotes tourism.

OBJECTIVE: To install a Wildlife Observation Tower at Tigertail Beach to provide the public an opportunity to enjoy the benefits of this unique habitat by providing a handicap accessible wildlife observation tower.

CONSIDERATION: In the early 1980’s, Tigertail Beach was a sandy beach facing the Gulf of Mexico that provided a variety of recreational benefits to residents and visiting beach goers. As time progressed a sandbar emerged in front of the beach above the high waterline and soon became stabilized by native dune vegetation. The shoaling became known as Sand Dollar Island and has changed the recreational and environmental opportunities to include coastal wildlife viewing. Black Skimmers, Least Terns, Snowy Plovers and Wilson Plovers nest on the beaches of Sand Dollar Island. Herons, egrets, terns, gulls, cormorants, pelicans, ibis, Rosette Spoonbills and other birds feed in the water and around the surrounding edges of the lagoon. Other threatened and endangered species of the area include but are not limited to five species of sea turtles, sawfish and the West Indian manatee.

Nature based tourism is a rapidly growing pastime and provides a great economic benefit to the region. In 2006, the area of Tigertail/Sand Dollar Island was selected by the Florida Fish and Wildlife Conservation Commission to become part of the Great Florida Birding Trail and was selected for its excellent bird watching opportunities. The Tigertail/Sand Dollar Island area is a nationally and internationally recognized shorebird bird feeding, roosting and nesting area. Including the Observation Tower as part of the County’s beach park facility will provide a viewing platform for wildlife observation and tourist destination at Tigertail Beach.

On April 22, 2013 the Tourist Development Council recommended approval for the Tigertail Beach Observation Tower budget of \$25,000. The work scope included design, permitting and producing construction bid plans. The Facilities Management Department secured proposals for the project from three firms using contract No. 09-5305 Architectural Services.

Staff requests that the TDC recommend approval of additional funding in the amount of \$5,800 based on the proposals received for the design.

FISCAL IMPACT: Funding in the amount of \$25,000 from Tourist Development revenues is available and appropriated for this Project No. 80246 (Tigertail Beach Park Observation Tower) within the Parks and Recreation Beach Park Facilities Capital Fund 183 (TDC Beach Parking Facilities). An additional \$5,800 is required to complete the design of the facility, and is requested as a Budget Amendment.

Proposals Received:

	Contractor	Bid
1	BSSW Architects, Inc.	\$30,800.00
2	Disney & Associates, P.A.	\$52,900.00
3	CH2M Hill, Inc.	\$92,656.00

GROWTH MANAGEMENT IMPACT: There is no impact to the Growth Management Plan from this action.

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

ADVISORY BOARD RECOMMENDATION: The Parks and Recreation Advisory Board approved this plan on March 20, 2013, by a vote of 5-0.

RECOMMENDATION: That the Tourist Development Council recommends award of proposal 09-5305 to BSSW, Inc., for the Tigertail Beach Wildlife Observation Tower, Project No. 80246, in the amount of \$30,800, approves the necessary present total funding request, and makes a finding that the project expenditure promotes tourism.

Prepared by: Margaret A. Bishop, P.E., Senior Project Manager, Facilities Management Department

Attachments: 1) Proposals; 2) Budget Amendment



ATTACHMENT A
SCOPE OF SERVICES
FOR
CONSULTING ENGINEERING SERVICES AGREEMENT
FOR
TIGER TAIL BEACH PARK OBSERVATION TOWER
CONTRACT NO. 13-6164
February 28, 2014

DESCRIPTION

The general objective for this task is to contract outside Consultant Engineering Services (referred to hereafter as CONSULTANT) for the Collier County Facilities Department: (referred to as COUNTY), to prepare plans, specifications, cost estimates, permits and provide limited services during construction for the construction of a new Observation Tower in Tiger Tail Beach Park.

PART 1. – SCOPE OF WORK

TASK 1a: Project Management, Meetings, Coordination, Data Collection

The CONSULTANT will collect and review available data associated with the proposed project. This will include plans of a similar structure located at the 10,000 Island National Wildlife Refuge (located off of US41 in Royal Fakapalm, FL 34114 at Ten Thousand Islands National Wildlife Refuge – Marsh Trail).

The CONSULTANT will prepare for and attend Meetings with Collier County and City of Marco Island staff to coordinate project and proposed improvements. Attendance and BOCC Meetings may be required to support County staff.

Coordination meetings will be held with SFWMD, FDEP and City of Marco Island to discuss the project and confirm requirements for permitting.

The CONSULTANT will provide Surveying Services for the proposed improvements.

Design Phase Survey - Collect existing conditions data to be used for design purposes. The scope of this work will include the following:

- Consultant will obtain horizontal and vertical data representing the existing site conditions at the proposed project site (Tower site and required ramp limits)
- Establish vertical benchmarks using the nearest National Geodetic Survey control of record or other verified/published data. Data will be collected in NAVD88 unless otherwise required.
- Establish Horizontal control points using global positioning equipment, data will be collected in the North American Vertical Datum of 1983 (NAD83), Florida State Plane East zone (0901), US survey feet.

Survey Deliverables - The deliverables for this survey shall be in electronic format:

- Autodesk Civil3D 2013 with point, line and tin data along with descriptive text.
- XML file containing the TIN data

The CONSULTANT will provide Geotechnical Services for the proposed improvements.

Design Phase Geotech - Collect existing conditions data to be used for design purposes. The scope of this work will include the following:

- Consultant will Contact Sunshine State One Call for utility locates
- Obtaining the required drilling permit.
- Mobilization of drill rig and personnel to the site.
- Drilling two soil test borings (One on each side of proposed tower), each to a depth of 20 feet below existing grade.
- Visually stratifying the borings by a geotechnical engineer.
- Providing representative samples of the encountered soil and water on the site to a sub-contract laboratory to complete corrosion series testing (consisting of pH, resistivity, chloride content, and sulfate content).
- Analyzing the data.
- Writing an engineering report summarizing the findings and presenting our evaluation and recommendations for:
 - Foundation alternatives
 - Evaluation of the corrosive designation (per FDOT standards) of the encountered soil and groundwater,
 - Site preparation.

Note: The samples obtained during the investigation will be disposed of immediately after testing or within 30 days after the fieldwork is complete. Should you want to retain the samples, please notify Consultant prior to commencement of the fieldwork.

Geotechnical Deliverables - The deliverables for the geotechnical investigation shall be:

- Geotechnical Report (2 Hard Copies)

Note: Fees for Survey and Geotechnical Investigations defined as part of Task 1 are listed as Expenses in the Fee Schedule

TASK 1b: Observation Tower Design Plans, Specifications and Details

Based on the preferred tower and ramp configuration determined during Task 1, the CONSULTANT will prepare structural plans and permits for the new Observation Tower in Tiger Tail Beach Park.

CONSULTANT will prepare 60% Plans based on the concept approved during Task 1 which reflect the location of the new structure as well as the size, configuration and elevations of ramps and platforms. Any required construction or maintenance easements will be identified at this time. The 60% Submittal will include a Quantity and an Opinion of Probable Cost. COUNTY will review and provide Approval/Comments

CONSULTANT will prepare 100% Plans and Permits based on the approved 60% Plans. The 100% Submittal will include a Quantity and an Opinion of Probable Cost. COUNTY will review 100% Plans and provide Approval/Comments.

The 100% Submittal will include Plans, Specifications, Opinion of Probable Cost and Bid Tabs.

TASK 1c: Permitting

During the time between the 60% and 100% Phase, the CONSULTANT shall also provide the following services:

- CONSULTANT will prepare exhibits (with aerial), which shows proposed construction limits and final location of observation tower.
- CONSULTANT will prepare necessary Permits (City of Marco Island, FDEP, SFWMD) for the construction of the new observation tower.

TASK 1d: Construction Cost Estimates and Bidding Services

- CONSULTANT will prepare Construction Cost Estimates, Bid Tabs and Bidding Documents.
- CONSULTANT will attend Pre-Bid Meeting to respond to questions or issues raised by potential bidders. Prepare addenda as required.
- Provide final cost estimate incorporating design changes due to bidder comments.
- CONSULTANT will attend Bid Opening for project and review Bids for adherence to project intent.

TASK 1e: Services During Construction

Provide limited services during construction to include the following:

- Provide contract document interpretation and assistance in addressing requests for information and unforeseen conditions when requested by the County.
- Review and assist in field changes which include minor redesign as requested by the County.
- Provide periodic site observation visits of construction site.
- Attend periodic progress meetings with the County and the Contractor (if requested).
- Attend one substantial completion walk through meeting in the field.
- Review and provide recommendations to Contractor Change Order requests.
- Contractor will be responsible to provide Record Drawings based upon the contractor's markups, visual observations, and record survey. CH2M HILL will provide files to Contractor for use.

NOTE:

ENGINEER's Cost Opinions: In providing opinions of cost, financial analyses, economic feasibility projections, and schedules for the PROJECT, ENGINEER has no control over cost or price of labor and materials; unknown or latent conditions of existing equipment or structures that may affect operation or maintenance costs; competitive bidding procedures and market conditions; time or quality of performance by operating personnel or third parties; and other economic and operational factors that may materially affect the ultimate PROJECT cost or schedule. Therefore, ENGINEER makes no warranty that COUNTY's actual PROJECT costs, financial aspects, economic feasibility, or schedules will not vary from ENGINEER's opinions, analyses, projections, or estimates.

Services During Construction: The presence or duties of CONSULTANT's personnel at a construction site, whether as onsite representatives or otherwise, do not make CONSULTANT or CONSULTANT's personnel in any way responsible for those duties that belong to COUNTY and/or the construction contractors or other entities, and do not relieve the construction contractors or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the construction Contract Documents and any health or safety precautions required by such construction work.

CONSULTANT and CONSULTANT's personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or

other entity or any other persons at the site except CONSULTANT's own personnel.

The presence of CONSULTANT's personnel at a construction site is for the purpose of providing to COUNTY a greater degree of confidence that the completed construction work will conform generally to the construction documents and that the integrity of the design concept as reflected in the construction documents has been implemented and preserved by the construction contractor(s). CONSULTANT neither guarantees the performance of the construction contractor(s) nor assumes responsibility for construction contractor's failure to perform work in accordance with the construction documents.

PART 2. – PROJECT SCHEDULE:

The design schedule for design services shall be as follows:

1. Survey will be initiated immediately upon NTP.
2. Following NTP, Coordination Meetings will be held with SFWMD, City of Marco Island and FDEP staff to verify permit requirements and establish location of new observation tower. Once preferred location is determined, Geotechnical Investigation will begin.
3. It is anticipated that 60% Plans will be submitted to the COUNTY for Review within 120 days of NTP.
4. The required Permits (City of Marco Island, SFWMD and FDEP) will be submitted to the COUNTY for Review within 180 days of NTP
5. The 100% Bid Plans, Quantities, Cost Estimates, Specifications and Bid Tabs will be submitted to the COUNTY for Review within 210 days of receiving NTP. Note: Due to Agency Approval and Processing time, receipt of Permit(s) may extend beyond the anticipated Design Schedule, however no design services will be required during that time.
6. Based on the above Design Schedule and anticipated Construction Schedule, the Project Schedule is anticipated to be approximately 540 Days from NTP.

PART 3. – EXCLUSIONS:

The following tasks are not included in the Scope of Work for this Agreement:

1. Permit Fees (Will be paid directly by County)
2. Construction Inspection Services
3. Design Services other than those specifically listed above or requiring more effort than that listed in the Fee Schedule.

The above tasks may be added to this Work Order by Amendment if desired by the COUNTY.

PART 4. – CONSULTANT COMPENSATION:

The COUNTY will compensate the CONSULTANT for the above **Tasks 1 and Expenses** on a **LUMP SUM** basis per the Fee Schedule agreed upon under **Contract 13-6164 – Schedule B**.

An estimated budget to be utilized for the above tasks has been established and is shown as **Attachment A – Manhour and Cost Summary**. A man-hour estimate for the above Scope of Services has been prepared for the sole purpose of establishing the maximum upset limit for this Task Work Order not to exceed **\$92,656.00**



February 27, 2014

Ms. Margaret Bishop, Senior Project Manager
Department of Facilities Management
Collier County Government
3335 Tamiami Trail East, Suite 101
Naples, FL 34112-5356

Via: Email margaretbishop@colliergov.net

Re: Observation Tower - Tigertail Beach Park.

Dear Margaret:

The following is a project narrative, outline of tasks and associated Professional Fees for the Design of the Tigertail Beach Observation Tower.

Project background

Collier County received partial funding to design an observation tower to be located at Tigertail Beach Park. They received plans from the FWS for the observation tower located at the 10,000 Island National Wildlife Refuge. The same structure will be built at Tigertail Beach Park. The plans are attached and will be used as a guide for the new facility that will comply with the current Florida Building Code - 2010. The intent of the proposal is to prepare construction plans for bidding and follow through with construction services and final close out.

A. Scope of Project

1. Provide construction Documents and bidding assistance for the project.
2. Provide Construction Contract Administration and closeout services for the project.

B. Scope of services and specific tasks

1. **Project Design, Construction documents and Construction Contract administrative Services.**
 - Design Services – Produce construction drawings for bid
 - Meetings/Coordination- County, contractor
 - Permitting – not limited to City of Marco Island, SFWMD, FDEP
 - Estimate of Probable Construction Cost
 - Construction Administration Services – review shop drawings, RFI's, punch list, final walk through and final certifications.

#AA-C001836

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PH: 239.278.3838 FX: 239.275.5356

FORT MYERS

949 CENTRAL AVENUE NAPLES, FL 34102
PH: 239.643.3103 FX: 239.643.7435

NAPLES

Tigertail Beach Observation Tower
Facilities Management Department
Collier County Government
Naples, Florida

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C. Professional Fees:

• Architecture and Structural engineering services.	\$ 10,900.00
• MEP engineering and or lighting.	None
• Civil/site engineering and Landscape design. (General area site plan included)	None
• Soil Borings and Geotechnical recommendation.	3,600.00
• FDEP Survey and Permitting Humiston & Moore Engineers – Coastal consulting Sub-consultant	10,000.00
• Owner meetings, Coordination and Local permitting phase services. Permit application fees or permit fees not included	2,100.00
• Contractor pricing phase.	1,200.00
• Construction Contract Administration. phase services	2,500.00
• Reimbursable expenses.	500.00 at cost
 Total fee for basic services outlined	 \$ 30,800.00

D. Form of Agreement

- Collier County purchase order for architectural services under design professionals continuing services agreement.

I trust this project narrative, summary of tasks and associated professional fees are consistent with your expectations for this project. Should you have questions or need additional information please feel free to contact me at anytime.

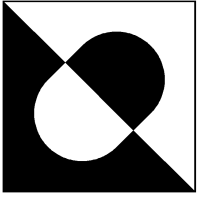
We look forward to working with you on this important project.

Respectfully,

BSSW ARCHITECTS, INC.



Daniel A. Summers, AIA, NCARB
President
For the Firm



Disney & Associates, P.A.

Architecture and Planning

1865 Veterans Park Dr., Suite 301

Naples, Florida 34109-0447

Phone 239.596.2872 Fax 239.596.2874

AA 0002502

February 10, 2014

Collier County
Facilities Management Division
3335 East Tamiami Trail, Suite 101 (Bldg. W)
Naples, FL 34112

Attn: Mrs. Margaret Bishop, Project Manager

Re: Professional Architectural and Engineering Services
Tiger tail Beach Observation Tower, Marco Island, Florida

Dear Mrs. Bishop:

Disney & Associates, Architects are pleased to present this proposal for professional Architectural and Engineering services to design the new Observation Tower proposed for a site at Tiger Tail Beach, Marco Island, Florida.

We have developed this proposal based upon a e-mail request, telephone discussions and coordination with our consultants. This proposal scope was developed as we have discussed the project and our services are listed below for your review and acceptance.

The services outlined in this proposal shall be provided in compliance with the terms and conditions as set forth in our current Professional Services Agreement – Continuing Contract #09-5305.

Outlined below is a summary of the anticipated scope of services, tasks and associated professional fees. We have also indicated the estimated reimbursable expenses for the project and an indication of the Consulting Services that may be required.

Project Profile

- ❖ Collier County Government (Owner) intends to design , permit and construct a wood Observation Tower at a site on Tiger Tail Beach, Marco Island, Florida.
- ❖ Disney & Associates (Architect) has been requested by the Owner to provide a proposal structured for basic Architectural, Structural, and Civil design. This proposal will also provide for the addition of Permitting, Bidding and Construction Observation Services.

Project Assumptions / Description

- ❖ The Owner will make available all pertinent information and documents associated with the project for the performance of Architect and Engineers services.

- ❖ This proposal includes performing all services within a one-time basis and for one phase of design services.
Note: One revision to the plans included for the response to agency review comments and our projects generally are permitted with a single clarification cycle.
- ❖ Site development design, City of Marco Island Site Development Plan (SDPA), and related site issues are included as further described under the Task listings of this document.
- ❖ The building design is anticipated to be a two level observation tower with accessible ramp similar to an existing installation at the Marsh Trail within the Ten Thousand Islands National Wildlife Refuge. Non-Copyrighted plans prepared by the U.S Fish and Wildlife Service were provided as the guide for the new Tiger Tail facility with updates to comply with the current Florida Building Code - 2010.

Scope of Services

Task 1 – Preliminary Services

- 1.1 Acquire, assemble, and coordinate all Architectural scope of work for the project. Research project initial anticipated scope of work and issue to consultants for coordinated effort and elimination of unnecessary services.
- 1.2 Verify inclusion of necessary services as outlined in the Professional Services Agreement.
- 1.3 Preparation of all Architectural agreements.
- 1.4 Set-up all project files, billing procedures, CAD system Management and digital back-up systems.

Task 2 – Design Support Services

- 2.1 Meeting attendance and coordination with Owners staff, consultants, sub-contractors, government agencies and services in performance of the defined scope. Meeting attendance with owner for development of design. Presentation meetings to the staff and/or County agencies. Project team meetings as requested by the owner for coordination with owner's separate consultants. Perform additional services beyond contract defined scope of services as requested by the owner shall be in addition to the costs outlined herein. We have included up to sixteen (16) man hours for this task for this project.

Task 3 – Existing Site Review

- 3.1 Site Visit Review – The Architect and Engineers shall conduct a visual review to establish the current condition and general location of the structure.
- 3.2 Preliminary Code Review – Provide within the project review of the Florida Building Code – Existing Building. This preliminary review is intended to confirm conditions related to building construction and the acquisition of a building permit.
- 3.3 Permitting Pre-application Meeting – Establish a pre-application meeting in person or by telephone with the Marco Island Community Development building department staff and Fire Plan review staff for review of the approved concepts. Resolve conflicts and identify issues related to permit application and building permit plan submission and review for permit issuance. Deliverable shall be a written meeting report.

Task 4 – Design Services Architectural and Civil Architectural

- 4.1 Concept Design – Produce concept design and meet with user / client at the project site. We have include up to two (2) site meetings and a total of four (4) man-hours meeting time. Deliverables shall be hand sketches and / or line drawings for the concept plan layout of the space design.
- 4.2 Site Development Plan Support - Prepare floor plans and exterior elevation for and provide electronic AutoCAD files as coordination with the Civil Engineer. Attend one (1) pre-application meeting at City of Marco Island Offices. Additional illustrations and design standard justification for City review in compliance with the City Land Development Code (LDC) Section 5.05.08

- 4.3 Schematic Design Services - Architectural Schematic design includes the design concept for the basic building of the facility. We shall provide basic floor plan layout(s), basic building section and exterior elevation design for your review and approval.
- 4.4 Design Development Services - Design Development shall further define the project and shall proceed based upon the approval and comments of the Schematic Design phase. The documents shall proceed to the approximate 50% completion for review and approval by the Owner.
- 4.5 Construction Documents – Upon approval of the Concept plan and estimated probable cost produce construction and permitting documents for the approved plan concept. Construction plans are the full development of Bidding Documents for the project. Utilities to the site are not included as there will not be water, sewer, electrical services to the tower. Documents to be provided but not limited to the following; Architectural location map and Site Plan, floor plan(s) and partial floor plan(s), decking plan(s), building and wall sections, exterior elevations. Structural, engineering shall be based upon the final tower design and coordinated with the architectural concepts. Fire protection is not included Also included shall be related code information for permit review and bidding by qualified contractors.

Civil Engineering

- 4.6 Specific Purpose Survey - Marco Surveying & Mapping (as a sub consultant to Davidson Engineering, Inc.) will perform a specific purpose survey in support of the referenced project. This will include survey requirements called for in FAC 628-33.0081 for buildings intended to fall water ward of the Coastal Construction Control line. The area of topographic survey will be generally described as encompassing all of the immediately adjacent dune areas to the proposed tower site and water ward to the easterly Mean High Waterline of the inland lagoon. Also included will be the location of the beach end of the adjacent boardwalk and any other immediately adjacent structures requested by the client.

Deliverables will be limited to 6 signed and sealed copies of the survey as well an AutoCAD file of the above referenced items in mapped State Plane Coordinates - Florida East Zone.

Excluded Items: Mean High Water Determinations or Studies, Boundary Surveying or Easement Mapping, Underground locations, Comprehensive surveying of the overall park Construction Stakeout, Sketch and Description, As-Builts or Record Drawings.

- 4.7 Preliminary Site Layout Development and Feasibility Study -
Assist architect with layout of the proposed observation structure including placement of the ADA access and connection to the existing parking area.
Prepare a site layout exhibit suitable for meeting presentation and review agency meetings and e-mail correspondence.
Present exhibit to City of Marco, South Florida Water Management District and Florida Department of Environmental Protection to obtain pre-permitting direction prior to final construction plan preparation.
Attend meetings if necessary with the agencies to determine permitting requirements.
Note: If it becomes apparent during this task that the project is not feasible or the expected permitting scenario is substantially different than we expect we will notify the client, suspend work and/or modify this proposal scope and fee.

- 4.8 Site Development (SDPA) Plan Engineering and Permitting - City of Marco Island (City) -
Based on the preliminary site layout plan, prepare a construction level drawing suitable for submittal to the City for the SDPA. The plan will include all items necessary to permit and construct the observation structure and ADA pathway per City requirements as applicable. It is assumed the Pre-application meetings with the City will have been completed under Task 2. This task includes the following:
- Based on the preliminary site layout plan prepare a construction level drawing suitable for submittal to the City for the SDPA. The plan will show details of the ADA access in relation to the proposed structure and details of the path's connection to the existing parking lot and/or other ADA pathways. The plan will also show existing property setbacks, proximity to preserves and other protected areas.
 - Prepare an SDPA application package for submittal to the City for review including construction plans and supporting documentation.

- Prepare an opinion of site construction costs to be used for City review fees.
- Prepare an engineering report as required for the submittal.
- Meet with City Staff if required prior to submittal (in addition to the meetings preformed in task 2).
- Support the application through the initial review process.

Note: The application may be considered an insubstantial change rather than an amendment based on the City's direction obtained in Task 2. This will reduce the City application fee.

Task 5 – Cost Estimate

- 5.1 Estimate of Probable Cost – Based upon the approved Final Design provide a preliminary Estimate of cost for the Architects scope of design work. Deliverable shall be a cost report in 8.5 x 11 or 11 x 17 document.

Task 6 - Permitting and Bidding

- 6.1 Permit Submission - Architect shall prepare application documents for building permit and submit on behalf of Collier County. This option may be utilized as a quicker schedule than waiting for the accepted bidder general contractor. This cost is in addition to the review comment response item below and is for increased level of service. Permit application fees payment is not included.
- 6.2 Review Comment Response - Response to City of Marco Island plan review comments and submission of plan revisions as required by the review.
- 6.3 Environmental Resource Permit (ERP) to SFWMD
The project is located within an existing ERP (11-01113-s) issued to Collier County in 1993. The permit must be modified to accommodate the ADA access and structure. This task includes:
- Prepare a construction plan for the structure and pathway meeting SFWMD requirements and show how the proposed construction relates to the previously permitted improvements.
 - Prepare an ERP permit modification application for the project and submit to SFWMD.
- 6.4 Florida Department of Environmental Protection (FDEP) Coastal Construction Control Line (CCCL) permitting. FAC 62B-33.
➤ The proposed structure is water ward of the CCCL and must be permitted through FDEP. The task is required per FDEP rule 62B-33 (Rules and Procedures for Coastal Construction and Excavation). The rule lists specific requirements for CCCL permitting. This work scope includes preparation of a CCCL plan and application as required to obtain the FDEP CCCL approval.
- 6.5 Respond to Agency Requests for Additional Information (SDPA, ERP & FDEP)
➤ Following the submittal of the City of Marco Island SDPA, SFWMD and FDEP applications, Davidson Engineering will coordinate the resubmittal of all responses to comments from the agencies.
➤ Coordination approval through issuance of listed permits.
- 6.6 Bidding Phase Services - Submit drawings and specifications to purchasing or facilities, review of bids, keep bidding records, respond to requests for information during bidding. We shall also assist the owner with issuance of addenda for owner changes in the work during the bid period.

Task 7 - Construction Services

- 7.1 Construction Administration Phase Services - During construction we shall review the work for compliance with the contractors agreement with the owner. Construction services are generally described as reviewing the construction progress on a bi-weekly basis, review contractor payment applications, answering contractors questions (RFI), developing one punch list walk through, one final walk through, and reviewing material and equipment submittals for the project. We anticipate three (3) to four (4) months construction duration. Structural, and Civil consultant shall conduct periodic site observations coordinated with the stage of construction, and on call under the direction of the Architect. Civil Engineer shall provide certifications to review agencies upon completion and construction observation as required, coordinate with site contractor, contractor's surveyor, owner/project manager during the site certification process to SFWMD FDEP and the City of Marco Island and with review agencies and construction team to receive final site certifications and structure CO. An as-built survey will be required by Collier County,

SFWMD and the City of Marco Island. This is typically provided by the construction contractor's surveyor and is not included within this scope.

Task 8 - Other Expenses

8.1 Reimbursable Expenses – Expenses incurred in the course of providing services for this project shall be in accordance with those outlined continuing services agreement and are estimated for purposes of this proposal. This estimate is subject to revision to the actual expenses and shall be limited to the actual expenses only with documentation back-up provided with the Architect invoice.

Compensation and Method of Payment

Task Number	Task Title	Amount of Compensation	Basis of Compensation LS or NTE or Hourly
1	Preliminary Services	\$ 400.00	LS
2	Design Support Services	\$ 2,960.00	LS
3	Existing Facility Review	\$ 400.00	LS
4	Design Services	\$25,740.00	LS
5	Cost Estimate	\$ 800.00	LS
6	Permitting and Bidding	\$14,250.00	LS
7	Construction Services	\$ 5,450.00	LS
8	Other Expenses	\$ 2,900.00	Not To Exceed
TOTAL		\$52,900.00	

Please note that the quoted fee does not include the following:

- Geotechnical investigation (Soil borings)
- Application fees, permits fees, or impact fees
- Special or Pile foundations
- Structural Threshold Inspection
- Landscape and Irrigation design
- Equipment layouts, requirements and selections
- Equipment selections/ Design
- Special environmental or hazardous-waste permitting
- Continuous on-site observation
- Revisions after approval which shall be invoiced in addition to basic fees
- Other issues not specifically included in the outlined scope of work

Assumptions:

1. An Environmental Impact Statement (EIS) and/or biological assessments of sea turtle nesting areas and vegetation is not included in this contract.
2. A Listed Species Survey (LSS) is not included in this contract.
3. The structure will not have utilities or electric service.
4. Landscape and irrigation plans are not required.
5. The review agencies will not require improvements to the existing parking lot and other existing site works.

Anticipated Schedule Requirements

Note that the schedule below is our best estimation and may revise based upon further discussions with the staff the Construction Manager / General Contractor and Growth Management. We are able to begin the design work for this project immediately following the receipt of a work order and Notice to Proceed. As a basis of discussion we anticipate the following;

Schematic Design	6-8 weeks
Design Development	8-12 weeks (preliminary and final reviews)
Construction Documents	16 weeks
Permitting	4-6 weeks (site approval dependent)
Bidding	3-4 weeks (concurrent with permitting)
Construction	TBD (CM review and input required)

Subconsultants

We propose the following at consultants for the project.

Civil Engineer - Davidson Engineering, Naples, FL

Structural Engineer – Liebl & Barrow Engineering, Ft. Myers, FL

Surveyor - Marco Surveying & Mapping, Marco Island, FL

This proposal includes Disney & Associates, PA, current rate schedule attached for your use and review.

As always, should you have any questions concerning any of the information contained in this proposal, please feel free to contact us. It was a pleasure meeting with you to discuss the various issues relating to your needs. We look forward to working with you on this project.

Sincerely,

Dalas D. Disney, AIA
President

Disney & Associates, P.A.

1865 Veterans Park Drive, Suite 301
 Naples, Florida 34109-0447
 Phone 239-596-2872
 Fax 239-596-2874

"HOURLY RATE and EXPENSE SCHEDULE – January 2011 "

Fees and expenses are reviewed semi-annually and adjustments made where appropriate. The rates on this schedule are applicable for the time period indicated.

Professional Fees

Principal	Dalas D. Disney, AIA	\$185/hr
Senior CAD Operator (CAD and Drafting)		\$100/hr
Clerical		\$55/hr
Expert Witness – Testimony/Waiting	4.0 X Hourly rate (4 hour minimum)	

Outside Professional Fees

not in original agreement cost

Blueprints/plots/b&w copies/color copies/reproductions

outside service/digital prints		cost
plots-mono (24x36)		\$9.50
bond plots-mono (11x17)		\$2.75
bond plots-mono (8.5x11)		\$1.50
vellum plots-mono (24x36)		\$15.00
mylar plots-mono (24x36)		\$20.00
color bond plots (24x36)		\$60.00
bond graphics plot-mono (24x36)		\$40.00
bond copy-mono (letter/legal/page)		\$0.20
bond copy-mono (ledger/page)		\$0.35
color copies (8½x11)		\$2.00
color copies (11x17)		\$2.75
cd-rom per disk		\$125.00

Communications

long distance	phone	cost
fax	per page	\$0.25

Shipping/courier/postage

overnight	commercial carrier	cost
2-day	commercial carrier	cost
outside courier service		cost
postage		cost

Travel

air fare		cost
mileage (out of town)		\$0.65/mile
parking		cost

miscellaneous

all		cost
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Interest on past due accounts (30 days from invoice date) 1.5% per month

Standard Rate Schedule

Engineer VI	\$160/hr
Engineer V	\$150/hr
Engineer IV	\$140/hr
Engineer III	\$125/hr
Engineer II	\$110/hr
Engineer I	\$100/hr
Engineering Technician	\$85/hr
Planner VI	\$160/hr
Planner V	\$145/hr
Planner IV	\$130/hr
Planner III	\$115/hr
Planner II	\$100/hr
Planner I	\$90/hr
Planning Technician	\$70/hr
Planning Assistant	\$55/hr
Senior Environmental Specialist	\$130/hr
Environmental Specialist	\$100/hr
Senior Auto Cad Designer	\$100/hr
Auto Cad Designer	\$85/hr
Auto Cad Technician	\$80/hr
Senior Project Coordinator	\$85/hr
Project Coordinator	\$75/hr
Permitting Assistant	\$50/hr
Administrative Assistant	\$50/hr
Present at Public Hearings/Public Meetings	(1.5 x Billing Rate)
Expert Witness Testimony	(1.5 x Billing Rate)