



ASH ENGINEERING, INC.

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June 7, 2006

Ms. Annette Nielsen
Florida Department of Environmental Protection
Charlotte Harbor Preserve State Park
12301 Burnt Store Road
Punta Gorda, FL 33955

**RE: Civil Design and Permitting for Hydrologic Restoration
Don Pedro Island State Park Land Base
Ash Proposal: 06AEW**

Dear Ms. Nielsen:

Ash Engineering, Inc. (Ash) is pleased to present this proposal to **Florida Department of Environmental Protection (FDEP)**, to provide **civil design and permitting for the hydrologic restoration of Don Pedro Island State Park Land Base**. The following highlights the project, as it is understood, along with specific project tasks and associated fees.

BACKGROUND

Don Pedro Island State Park Land Base is located at 8450 Placida Road, Cape Haze, Florida 33946 in Charlotte County. This is state land operated by the Florida Department of Environmental Protection. The existing wetland hydrology has been altered in the past by the installation of a raised road and placement of dredge spoil on the project site. FDEP wishes to install culverts under the road and remove the spoil material to improve the hydrology of the wetland areas.

PROJECT TASK DESCRIPTIONS

Task 1 – Project Management and Quality Assurance:

This task includes project management, client communications, clerical work, and work planning. This also includes a program of Quality Control and Quality Assurance and ensures the best product possible for the client.

Task 2 – Background Investigation:

Using all known information about the site, Ash will research:

- Plats
- Restrictions
- FEMA
- Zoning

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*CIVIL → WATER & WASTEWATER → ENVIRONMENTAL → UTILITY → CONSTRUCTION
INDUSTRIAL/PORT → SUBSURFACE UTILITY ENGINEERING → ECOLOGICAL SCIENCES*

A certified DBE, WBE and 8(a) firm.

- Insurance Codes
- Wetland jurisdictional agencies and regulations
- Adjacent property
- FDEP/Health Department and SWFWMD Regulations and Updates
- Availability of Site Water and Sanitary Service

The information gathered would be used for pre-application meetings with the regulatory agencies.

Deliverables:

- One (1) letter summarizing the site constraints and regulations applicable to the site.

Task 2 – Topographic Survey:

Ash will contract with Foresight Surveyors to provide a topographic survey of the project site. This will include the maintenance road/footpath extending from the parking area to the Intracoastal Waterway and offset 100 feet north and south from that centerline. It will also include the spoil mound area and offset 100 feet north from that area. These areas are depicted in the attached aerial photograph. The survey will be based on North American Datum 83 (NAD83) coordinates & North American Vertical Datum 88 (NAVD88) elevations with points taken on a 25-foot grid. This survey will include locations of the jurisdictional limits flagged by others. The survey will not include utilities, improvements, trees or bathymetric data.

Deliverables:

- One (1) copy of the survey signed and sealed by a Professional Licensed Surveyor
- One (1) electronic copy of the survey on CD-ROM.

Task 3 – Civil Design and Construction Drawings:

Based on the survey information, Ash will prepare the Civil Site Plan (no additional meeting would be required). Ash will coordinate with the FDEP at the 90% milestone to discuss any comments. Comments received from the FDEP will be included in the design as required. The approved drawings will be considered final for the respective stages of completion. Subsequent owner requested changes would be billed on a time and materials (T&M) basis. Please note that Ash does not include landscape design other than minimally required by Charlotte County without a landscape architect. Also, Ash does not provide site lighting, or any other design not specifically referenced.

It is anticipated that the final Civil Site Plan will consist of:

- Cover Sheet
- General Notes and Legend
- Specifications
- Existing Site Conditions
- Paving, Grading and Drainage Sheet
- Cross-Sections
- Details



Deliverables:

- One (1) set of 90% plans for FDEP review
- One (1) set of 100% plans each for submittal to SWFWMD, USACE, and FDEP

Task 4 – State Permitting:

Ash will provide a complete Environmental Resource Permit (ERP) application to the Southwest Florida Water Management District (SWFWMD). This task will include several phases. Ash will conduct a background investigation on prior permitting, ownership, adjacent properties, and agency requirements. Ash will attend one (1) pre-application meeting with SWFWMD representatives. This meeting is critical in determining necessary permitting requirements and ensuring minimal delays in agency review time. Ash will then prepare and submit the ERP application. A preliminary investigation has revealed the need for a Sovereign Submerged Land Lease (SSL) to be issued. This application process is included in this proposal. Ash will respond to agency Requests for Additional Information (RAI) following application submittal. Ash anticipates that the response to RAI's from SWFWMD reviewers would not exceed twelve (12) hours of professional engineering time. Any additional time will be billed on a time and materials (T & M) basis.

Deliverables:

- One (1) copy of the completed ERP application.
- One (1) copy of the completed SSL application.
- One (1) copy of the completed RAI response letter.
- One (1) copy of meeting minutes from each meeting.

Task 5 – Federal Permitting:

Ash will provide a complete permit application to the United States Army Corps of Engineers (USACE), or ensure that it is submitted through the SWFWMD process. This task will include several phases. Ash will conduct a background investigation on prior permitting, ownership, adjacent properties, and agency requirements. Ash will attend one (1) pre-application meeting with USACE representatives. This meeting is critical in determining necessary permitting requirements and ensuring minimal delays in agency review time. Ash will then prepare and submit the permit application. Ash will respond to agency Requests for Additional Information (RAI) following application submittal. Ash anticipates that the response to RAI's from USACE reviewers would not exceed twelve (12) hours of professional engineering time. Any additional time will be billed per meeting and on a time and materials (T & M) basis.

Deliverables:

- One (1) copy of the completed permit application.
- One (1) copy of the completed RAI response letter.
- One (1) copy of meeting minutes from each meeting.

Task 6 – As-builts and Record Drawings:

Based on the information provided by the contractor and as-built survey by others, Ash will update the permit set of drawings and conform and certify the set as a record drawing set. No fieldwork is expected to complete this task. Ash will then prepare the certification letter indicating the status of the completed project.



Deliverables:

- One (1) set of record drawings (duly signed and sealed)
- One (1) letter of certification for each permitting agency and FDEP
- One (1) electronic copy of the CAD files of the record drawings on CD-ROM

EXCLUSIONS

Basic services include the preparation of plans and permit drawings. Work needed to make minor changes is also included. Repeated requests for changes and major redesign are not included in this proposal. Any additional work not included in this contract will be billed on a T & M basis.

A wetland delineation is anticipated as a requirement for this project and is not included in this proposal. If FDEP desires Ash to perform this task it can be negotiated separately.

County and Municipal permitting are not included in this proposal. If FDEP desires Ash to perform this task it can be negotiated separately.

All permitting and impact fees are to be paid by FDEP unless arrangements are made for Ash to pay these and receive reimbursement from FDEP.

Additional services not included:

- Archaeological survey
- Boundary survey
- Sketch of Description survey
- Geotechnical services
- As-built survey
- Mitigation design
- Services not expressly stated in this proposal

SCHEDULE

A project schedule will be delivered at commencement of the work.



PROJECT FEES

Task Description	Subcontractor Fees	Ash Fees
Task 1: Project Management and Quality Assurance		\$ 1,500.00
Task 2: Background Investigation	\$ -	\$ 1,165.00
Task 3: Topographic Survey	\$ 12,650.00	\$ -
Task 4: Civil Design and Construction Drawings	\$ -	\$ 4,174.00
Task 5: State Permitting	\$ -	\$ 5,104.00
Task 6: Federal Permitting	\$ -	\$ 3,616.00
Task 7: As-builts and Record Drawings	\$ -	\$ 848.00
Subtotal	\$ 12,650.00	\$ 16,407.00
Subcontractor Mark-up (10%)		\$ 1,265.00
Reimbursibles (5%) (mileage, postage, copies, etc.)		\$ 820.35
TOTAL		\$ 31,142.35

By signing the authorization below, the **Florida Department of Environmental Protection**, agrees to abide by the attached General Terms and Conditions, and authorizes Ash Engineering, Inc., to proceed with the project as described above. This proposal is valid for ninety (90) days from date of delivery.

We look forward to working with you on this project. Please don't hesitate to call us with any questions or comments concerning this proposal.

Respectfully yours,

Authorized by:

ASH ENGINEERING, INC.

Florida Department of Environmental Protection



Janice Sands Ash, P.E.
President

Name:
Title:

Date: June 8, 2006

Date:

