



Naismith Engineering, Inc

ARCHITECTURE ■ ENGINEERING ■ ENVIRONMENTAL ■ SURVEYING

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August 19, 2016

TRANSMITTED BY EMAIL: Scott.Cross@nuecesco.com

Mr. Scott Cross
Director, Coastal Parks
Nueces County Parks & Recreation
15820 South Padre Island Drive
Corpus Christi, Texas 78416

RE: **Habitat Management Plan** for 3,680-acre tract of undeveloped land on Padre Island

Dear Mr. Cross:

Naismith Engineering, Inc. is pleased to provide the scope of services and cost estimate for preparing a Habitat Management Plan for Nueces County Coastal Parks (County) as summarized below. The purpose of the proposed work is to provide the County with a framework for managing the newly acquired 3,680-acre tract of undeveloped land on Padre Island. The County seeks to provide quality public recreational opportunities on the new tract of land while protecting ecologically important natural resources known to occur there. The Habitat Management Plan (Plan) will identify important natural resources located within the property, the County's conservation goals for the property, and potential recreational or other uses for the property. The Habitat Management Plan can be completed within one year from your authorization to proceed. Below are the proposed tasks with cost estimates for each:

Habitat Management Plan

- | | | |
|--------|--|---------|
| Task 1 | Identify preliminary management objectives by meeting with resource agencies, conservation groups, recreational users, and stakeholders such as entities holding easements or legal/financial interests in the property. The management objectives will include legal constraints such as endangered species and wetland protection, as well as potential recreational or other use scenarios. Compile available technical reports, surveys, and other information associated with the project area. Identify information gaps and research or monitoring needs necessary to make future informed decisions. | \$16895 |
| Task 2 | Prepare a baseline habitat characterization of the newly acquired 3,680 acre parcel utilizing existing and readily available data and incorporating the information into a GIS. Acquire 2D photogrammetric aerial imagery using unmanned aerial system (drone) technology for selected 100-acre test plots within the 3,680-acre tract and assist the County in the evaluation of the aerial imagery. | \$21430 |
| Task 3 | Meet with the Coastal Parks Director to revise management objectives and conservation goals as needed. Prepare a Habitat Management Plan to include habitat characterization, maps, management objectives, conservation goals, and preliminary findings of potential recreational or other uses. | \$42845 |

TBAE Firm 13553 ■ TBPE Firm 355 ■ TBPG Firm 50017 ■ TBPLS Firm 100395-00

4501 Gollihar Road. **Corpus Christi, TX** 78411 ■ 800-677-2831 361-814-9900 Fax 361-814-4401 ■ naismith-engineering.com

Task 4 Conduct a public meeting to present the Habitat Management Plan. \$3430
Document all land use requests, management concerns, and potential conflicts.

TOTAL \$84,600

The Habitat Management Plan will be a dynamic working document that can be routinely updated at a frequency to be determined by the County. Upon completion of the proposed Plan, a cost proposal for additional scope of work services, such as an Adaptive Management Program, can be provided at your request. Upon your authorization to proceed, we can begin work immediately on the Habitat Management Plan. We appreciate the opportunity to assist you on this assignment. If you have any questions or need any additional information, please do not hesitate to contact either of us at 361-814-9900.

Sincerely,

AGREED TO AND ACCEPTED BY:

NAISMITH ENGINEERING, INC.

Name: _____



Title: _____

Terald E. Smith, P.G.
Vice President

Date: _____



Craig B. Thompson, P.E.
Vice President



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