

- CHANGE ORDER AGREEMENT No. _____
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 1

EXHIBIT "CO/STA-A"

Date: September 29, 2010

SCOPE OF PROFESSIONAL SERVICES

For Prairie Pines Environmental Analysis

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized:

Task 1 Collate and Summarize Environmental Conditions Pre and Post Levee Construction

Available data including historical aerials before the levee construction, soils information, topographic information, rainfall data, water level data and land use mapping will be collated. Inspections will be conducted to review existing site conditions and investigate areas where environmental changes have been noted. A report will be prepared that outlines the historical conditions; the changes in vegetation or hydrological conditions noted and any physical condition or structure on the site that may be influencing the changes.

Deliverables:

1. Pre-Levee Construction Analysis Summary:
This summary will include historical aerials, data on historical culverts, berms and flows; vegetation mapping; soils mapping along with the environmental conditions summary analysis.
2. Post-Levee Construction Analysis:
This summary will include aerials after the levee construction, data on the flows, berms, culverts and mapping showing the vegetation communities and an analysis of environmental changes associated with the levee construction.
3. Post-Restoration Analysis:
This summary will include aerials and vegetation mapping depicting existing environmental conditions, data on current culverts, control structures, water management features and an analysis of environmental changes documented since the restoration work was completed.

Hydrological and existing structure information will be provided by Lee County Department of Natural Resources.

Vegetation mapping will be provided by Lee County 20/20.

Task 2 Coordination Meetings/Site Inspections

Meetings and inspections will be conducted with staff as necessary to review the data collection and site inspection findings. The purpose of these meetings will be to gather staff's available data and knowledge of the area and for the Consultant to present preliminary findings to staff for discussion. The meetings will also review any recommendations for actions to further the environmental preservation and enhancement activities at the preserve. This fee assumes 4 meetings.

Deliverables:

1. Meeting minutes will be prepared and submitted to staff after each meeting and inspection. The minutes will reflect the data and findings to date, the current status of the project and next actions to be completed.

Task 3 Final Report

A final report will be prepared that summarized the pre and post-levee environmental conditions, the current environmental conditions and recommendations for the further actions to further the environmental preservation and enhancement activities at the preserve.

Deliverable: Final Report with Recommendation

Task 4 Preparation of Bid Documents for the SFWMD and Corps Maintenance and Management Requirements in the Preserve

Deliverable:

1. Preparation of Bid Documents for the 5 years maintenance of the preserve area.
2. Coordination with County on Final Bid Documents. Attend the pre-bid meeting to answer any questions.
3. Coordination with County on Contractor Selection. Attend the bid opening.

Task 5 Supervision of Maintenance and Management Activities in Preserve Area

Deliverable:

1. Initial Inspection with Contractor to review project area and answer any final questions. A summary memo will be prepared. Fee Not to Exceed \$680
2. Review of Contractor completed maintenance; prepare summary sign off memo for Lee County.
 - Year 2 of Required Maintenance
 - First Quarterly Inspection
 - Second Quarterly Inspection
 - Third Quarterly Inspection
 - Fourth Quarterly Inspection
 - Year 3 of Required Maintenance
 - First Quarterly Inspection
 - Second Quarterly Inspection
 - Third Quarterly Inspection
 - Fourth Quarterly Inspection
 - Year 4 of Required Maintenance
 - First Semi- Annual Maintenance
 - Second Semi-Annual Maintenance
 - Year 5 of Required Maintenance
 - First Semi-Annual Maintenance
 - Second Semi-Annual Maintenance

*Attach additional pages, if needed.



DATE: October 29, 2010

TO: Anura Karuna-Muni
Lee County Division of Natural Resources
1500 Monroe Street
Fort Myers, Florida 33901

FROM: Rae Ann Boylan

RE: Prairie Pines Kick-Off Meeting October 28, 2010

Attendees: Anura Karuna-Muni-Lee County Department of Natural Resources
Steven Farah-Lee County Department of Natural Resources
Allen Davies-Lee County Department of Natural Resources
Wanda Wooten-Lee County Department of Natural Resources
Cathy Olsen-Lee County 20/20 Program
Laura Greeno-Lee County 20/20 Program
Barrett Stejskal-Boylan Environmental Consultants
Rae Ann Boylan-Boylan Environmental Consultants

The kick-off meeting was held to discuss the general parameters of the analysis and to determine the baseline that will be used for historical conditions analysis. Draft bid documents were presented along with a project schedule.

The following is a summary of the material presented for use in the discussion on baseline conditions.

- Historical Aerials from 1944, 1953, 1958 and 1998
- Natural Resource Conservation Service Soil Mapping
- SFWMD 2000 Vegetation Mapping
- Third Party Mapping
- Johnson Engineering Vegetation Mapping 2004
- Lee County Monitoring Well Data
- Rainfall Data
- Lee County 2/ Contour Map
- Surface Water Elevations 1998
- Lee County Historical and Current Watershed Mapping
- USGS National Hydrography Dataset
- Lee County flow-Way Mapping

After review of the material it was determined that 1998 would be used as the baseline for historical conditions. The best available vegetation mapping would be used for baseline conditions. Water monitoring data and rainfall data would be obtained from available sites located to the north and northeast of the site. The available data from Charlotte County and Cecil Webb would be reviewed. Lee County will review their files for any available historic survey data in the project vicinity.

Draft bid specifications for the management of the mitigation area for the North Fort Myers Restoration Project were provided for review by staff. A draft project schedule was also provided at the end of the meeting.