Alachua County - Purchasing Division
12 SE 1st Street, 3rd Floor
Gainesville, FL. 32601

Request for Proposal
A & E to Retrofit Leveda Brown Environmental Park Transfer Station to a Mix Waste Material Recovery Facility (MWMRF)
RFP -13-481-0-2013/DRK

**Scope of Work:**

3.0 SCOPE OF SERVICES The services requested are for an Architecture and Engineering (A&E) Firm to Retrofit the Leveda Brown Environmental Park Transfer Station as a Mixed-Waste Materials Recovery Facility (MWMRF). County staff produced an extensive document detailing solid waste issues in Alachua County including an analysis and recommendation on a solid waste Whole System Approach to maximize the benefit to our ratepayers through a series of long-term goals that will also meet the mandates of state and local government. This includes a feasibility analysis on three design approaches to the proposed MWMRF. The selected firm shall build on the concepts previously developed. The contract shall be effective for the period beginning with the date of executed contract and continuing through completion of work.

3.1 General Requirements The A&E firm selected will possess the expertise and experience needed to guide the County through a process of designing a MWMRF. The Consultant will act in an agency support role to:

3.1.1 Prepare, present and explain to the Board of County Commissioners (BoCC) and the public the comparative benefits and risks of different design configurations of a MWMRF, with the minimum requirement for each configuration that it will allow Alachua County to obtain flow control over all solid waste generated within its jurisdiction and to achieve the 75% recycling rate required by state statute and by Alachua County Comprehensive Code. 3.1.2 Prepare a flexible solid waste system economic model in the form of a 20-year pro forma, that is capable of demonstrating at least the following:

3.1.2.1 The effects of changes in the composition of the resources that constitute the solid waste mass stream for the jurisdiction as they flow through the retrofitted system configurations;

3.1.2.2 Demonstrate the effects on the economic model when changes occur in commodity prices;

3.1.2.3 The energy footprint of the retrofitted system configurations;

3.1.2.4 The life cycle costs of the retrofitted system configurations;

3.1.2.5 This design will include the separation of appropriate organics to feed an organics recycling technology selected through a competitive County RFP.

3.1.3 Optimize the design configuration that is selected and approved by the BoCC, with sensitivity toward the owner’s interest in quality, safety, environmental protection, job creation and controlling costs to the ratepayers. Develop the optimized design into permit applications for construction and operations of the facility for approval by all appropriate regulatory agencies.

3.2 Deliverables during Phase 1 include, at the least, but not be limited to:

3.2.1 MWMRF Configurations Report

3.2.2 Solid Waste System 20-year Pro Forma

3.2.3 Optimized Design of Approved Configuration

3.2.4 Applicable permits for construction and operations of the approved facility

3.2.5 Provide quality control services including monitoring throughput and sub-system performance during the first year of operations to ensure the new facility meets performance expectations.

3.2.6 Provide regulatory agencies with all required reports, permit completion documentation and all requests for additional information.

3.3 Qualifications

3.3.1 A firm’s particular expertise, experience and abilities in the design of MWMRFs, solid waste system modeling, and past record in successfully obtaining solid waste facility permits in all jurisdictions, in Florida and in the Northeast District of FDEP will be key factors evaluated and
rated by the county. Securing the appropriate expertise needed to carry the entire projects through
the formation of a relevant project team will also be a major factor. Success in previous retro-fit
projects shall be evaluated.

Ordering Instructions: This package can be downloaded from Onvia DemandStar on our website

Document Cost: $3.70

Bid Bond:

Project Estimated Budget: $50,000.00

Pre/Bid Proposal Conference: MANDATORY
9:00 am
Tuesday, March 5, 2013
Public Works Transfer Station
Leveda Brown Environmental Park

ALL PROPOSERS MUST BE PRESENT AT MANDATORY PRE-PROPOSAL CONFERENCE
TO SUBMIT A PROPOSAL FOR THIS PROJECT.

Due Date/Time: 4/3/2013 2:00 PM Eastern
Alachua County - Purchasing Division

Contact: Darryl R. Kight, CPPB
Purchasing Agent
Phone: 3523745202

PUBLISH The Gainesville Sun 2/13/2013
PUBLISH The Gainesville Sun 2/20/2013
Onvia DemandStar