

Principals

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October 15, 2012

DRMP Job #07-0917.0MK

Christopher Wert, PE
Assistant Director of Engineering
Sumter County Public Works
319 East Anderson Avenue
Bushnell, Florida 33513

**Subject: Lake Panasoffkee Wastewater Study Update
Task Order for Professional Services**

Dear Mr. Wert:

DRMP, Inc. (DRMP) is pleased to provide Sumter County (the County or the Owner) the following task order for professional services related to Lake Panasoffkee wastewater study update. Our services will include updating the original study and investigating the feasibility of constructing a basic wastewater collection and transmission system along the CR 470 corridor and connecting to the Bushnell wastewater treatment plant. Services will also include review submittals with the County and public involvement. Under this contract H&B Consulting Engineers (H&B) will assist with the update of the study.

PROJECT UNDERSTANDING

In 1994 DRMP and H&B were retained by The Withlacoochee Regional Water Supply Authority, the City of Bushnell and Sumter County to prepare a wastewater treatment system feasibility study and a study of the Lake Panasoffkee Water Association's potable water system. The primary objectives of the referenced study were to identify, evaluate, and select a wastewater treatment system. The study was to include a collections system, an effluent disposal system and to review the feasibility of purchasing the Lake Panasoffkee potable water system.

Since the completion of this report, the City of Bushnell has constructed a wastewater treatment and disposal system near the County's Landfill along CR 470 (Alternate I in the original report), which per an interlocal agreement the County has been paying towards their share of capital costs. The construction of this system resolves the wastewater treatment and disposal problem. However, very little has been accomplished to further the goals of developing a wastewater collection system in the Lake Panasoffkee area or the purchase of the potable water system.

At this time, as requested by the County, DRMP proposes to provide an update of the original study and investigate the feasibility of constructing a "basic" wastewater collection and transmission system along the CR 470 corridor and connecting to the Bushnell wastewater treatment plant. The primary purpose of this study is evaluate the possibility of providing the initial step in what may become, at some time in the future, a wastewater collection system for the entire Lake Panasoffkee area. The "initial step" as referred to above

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is to evaluate the difficulty in overcoming some of the same obstacles as identified in the initial report.

As noted this report would have as its primary goal as the establishment of a basic wastewater collection and transmission system along CR 470. This system would be provided to serve the commercial establishments along CR 470 as well as a few other sizable users such as churches, schools, apartment complex and mobile home parks where easy access to the proposed system is available. Please see attached figure showing the limits of the collection and transmission system. This first step could also possible eliminate several existing individual and neighborhood septic tanks/drainfields and small wastewater treatment plants along the route. This consolidation could provide a more efficient method of treatment and make major improvements to the local water quality. This could prove to be a valuable step in helping to maintain the Lake Panasoffkee water quality and the recently completed \$26,000,000 lake improvement project.

SCOPE OF SERVICES

The scope of project is to update the feasibility study, which in accordance with our Project Understanding will review the cost and funding source of a system serving the core commercial areas along CR 470, covering the following specific topics and meeting:

I. Connection Cost or Impact Fee to connect to the Bushnell Plant

Since the original plant was constructed by the City of Bushnell, a connection charge or impact fee would have to be determined and a funding mechanism established. The current plant should have adequate capacity or could be easily upgraded to provide capacity. The existing interlocal agreement will be considered in the reimbursement policy to take account of capital costs already paid by the County.

II. Wastewater Collection and Transmission System and Construction Cost

The first section of a new system is always the most expensive since it involves new lines, pump stations and force mains, etc, and generally serves only a few customers. Selective use of conventional sewer pump stations, force mains, low pressure sewers and limited use of gravity sewers will be evaluated in an attempt to provide the most customers at the lowest initial cost along CR 470. In addition to considering the core commercial areas along CR 470, we shall also consider the future expansion of the system to serve surrounding residential areas. Considerations will include sizing the wet well for future volumes and setting them deep enough to allow for gravity collection systems. An estimated opinion of probable cost will be determined for the system, the amount of which will be used for completing other portions of the report including determining the funding sources.

III. Funding Sources

Evaluate the potential revenue sources to provide funding for the first phase along CR 470. Possible sources include grants, loans, and user fees. It is anticipated, as with the initial study, grant amounts in excess of 50% of the initial cost will be required.

IV. Map of Existing Systems along CR 470

Perform a review of the best available information and map the type and approximate location of existing systems serving the core commercial areas along CR 470. This information will be present to the County in GIS format for their use.

V. Meetings

In conjunction with the work and submittals, DRMP assumes one (1) kickoff meeting and two (2) coordination and review meetings at the County, lasting up to two (2) hours each. Additionally DRMP assumes up to two (2) public outreach meetings lasting up to two (2) hours each to first solicit feedback on the approach and then to present the initial findings of the report.

The summary of findings, recommendations and conclusions will be presented in a written report containing text, figures and cost estimates. The study will determine the feasibility of the wastewater system and note the required conditions and limitations, i.e., impact fees, connection fees, etc...

The study will be submitted to the County at 60% and 90% completion for review and approval from the appropriate parties, making the recommended changes requested between reviews and advancing the plans.

Lump Sum Fee for Task I – \$35,000.00

TERMS AND CONDITIONS

ADDITIONAL SERVICES (Not part of this contract)

If the Owner desires to change or expand upon these services, an additional fee shall be negotiated. This renegotiation shall be accomplished prior to further work on the project. Renegotiation may be required for any of the following reasons:

- Owner requested revisions to the project after start of design;
- Geotechnical or hazardous materials testing;
- Formal design or permitting;
- Additional meetings beyond those specifically addressed;
- Items not included in the above Project Understanding or Scope of Services;

SCHEDULE

DRMP is available to commence work immediately upon receipt of a NTP and will coordinate with the Owner on a final schedule showing the projected tasks and milestones to accomplish the work.

COMPENSATION SUMMARY AND TERMS

The following summarizes the fees and billing terms as proposed by DRMP for the Scope of Services as presented herein:

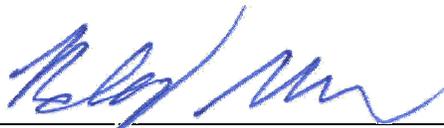
	Base Task	Terms	Fee
I	Connection Costs	Lump Sum	\$ 2,100.00
II	System and Construction Costs	Lump Sum	\$ 17,150.00
III	Funding Source	Lump Sum	\$ 2,100.00
IV	Map of Existing Systems	Lump Sum	\$ 4,900.00
V	Meetings	Lump Sum	\$ 8,750.00
	Total Base Fee		\$ 35,000.00

Additional services or meetings, other than described above, will be negotiated with the Owner prior to proceeding with the said work.

We appreciate the opportunity to provide this proposal to you. Should you have any questions regarding the contents of this proposal or if we can be of further assistance in any way, please do not hesitate to contact us at your convenience.

This Scope of Services and Fee Schedule are hereby submitted by:

Dyer, Riddle, Mills & Precourt, Inc.



Robert M. Moon, P.E.
General Civil Department Manager

Attachments: Figure – Proposed Sewer Service Commercial Areas

Cc: Lawrence L. Smith, P.E.
Bennie E. Bedenbaugh, P.E., H&B Consulting Engineers, Inc.