

WALK-ON

UTL ✓

Lee County Board Of County Commissioners
Agenda Item Summary

Blue Sheet No. 20070187-UTL

1. ACTION REQUESTED/PURPOSE:

Authorize Lee County Utilities to commence process of assuming operational direction and responsibility of the Mobile Irrigation Lab (MIL). This requires:

- Confirmation of and transfer of existing funding agreements with Florida Department of Agriculture and Consumer Services, SFWMD and City of Cape Coral to Lee County.
- Request Human Resources to proceed with addition of two MIL staff as Grant Funded Employees.
- Development of program outlining objectives to increase efficiency of MIL operation Use the objectives for assessing continuation of program into fiscal year 2007-2008.

2. FUNDING SOURCE:

Utilities Administration: 53663

3. WHAT ACTION ACCOMPLISHES:

Allows for continuation of Mobile Irrigation Lab operations by providing oversight and contract responsibility by Lee County Utilities.

4. MANAGEMENT RECOMMENDATION: Approve.

5. Departmental Category: 10 - Utilities WO # 1		6. Meeting Date: FEB 06 2007
7. Agenda: <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	8. Requirement/Purpose: (specify)	
	<input type="checkbox"/> Statute	<input type="checkbox"/>
	<input type="checkbox"/> Ordinance	<input type="checkbox"/>
	<input type="checkbox"/> Admin. Code	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Approval
9. Request Initiated: Commissioner		Department: Public Works
		Division: Utilities
By: <i>Douglas L. Meurer</i>		Douglas L. Meurer, P.E., Director

10. Background:

After the Management and Planning meeting on February 5, 2007, the Board requested that LCU present the issue as a Blue Sheet at the 2-6-2007 meeting to allow for a decision regarding Lee County Utilities providing oversight and Management of the Mobile Irrigation Lab.

Attachments: Efficiency Enhancement Plan submitted by MIL staff.

11. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Res.	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
<i>J. Lavender</i> Date: 2-6-07	N/A Date:	D. Lewis Date:	Date:	<i>S. Coovert</i> Date: 2/6/07	<i>ebw</i> 2-6-07	<i>mf</i> 2/6/07	<i>AV</i> 2-6-07	<i>AV</i> 2/6/07	<i>J. Lavender</i> Date: 2-6-07

12. Commission Action:

Approved
 Deferred
 Denied *3-2 (Hall + Suddal defending)*
 Other

Rec. by CoAtty
Date: 2/6/07
Time: 8:46 AM
Forwarded To: 2/6/07 8:50 AM

02/06/2007

TO: LEE COUNTY BOARD OF COUNTY COMMISSIONERS

ENHANCED EFFICIENCY PLAN

Prepared by: Garry Bailey, Mobil Irrigation Lab Staff

As suggested by the Lee County Board of County Commissioner's on 2/5/07, the Mobile Irrigation Lab (MIL) is submitting for their review a recommended change to the proposed contract with Lee County Utilities. The lab proposes to increase their number of evaluations from 140 per year to 280 per year. This proposal is based on the following calculations:

Number of days per year:	365
Less weekends	104
Less vacation	10
Less county Holidays	16
Less sick/dr visits	<u>- 5</u>

BALANCE 230

Less Education, Seminars -30

BALANCE 200 (200 days ÷ 5 = 40 weeks)

PROJECTED EVAL'S: 40 weeks @7 per week=280 system checks

The projected number of 280 system checks will be subject to increase due to potential requests from Lee County Utilities for emergency system checks for those customers subject to fines due to watering violations. Under the proposed contract, each system inspection will include the following:

1. Inspect and record sensor availability and adjust accordingly (set on ½")
2. Inspect and record controller type and controller data
3. Adjust irrigation days to meet Lee County watering restrictions
4. Inspect and record controller battery availability
5. Inspect and record each zone status i.e. problems
6. Prepare and provide to the homeowner a condensed report consisting of all data collected at the time of the inspection with a copy to Lee County Utilities. All data collected will also be entered into the MIL computer system for future reference i.e. irrigation days, zone runtimes and in preparation of possible reporting requests received from Lee County Utilities.

In order to meet the aforementioned projection of 280 systems checks and education requirements, the following services will be discontinued from the evaluation to reduce field and office report timeframes:

1. No data will be collected recording potential water savings (PWS) and immediate actual water savings (IAWS).
2. No data will be collected recording the actual water savings (AWS) due to elimination of follow-up evaluations from the contract.
4. No pressure check per zone will be calculated to determine working system pressure.
5. No volume check per zone will be calculated to determine gallons per minute utilized for each zone.
6. No sprinkler system schematic will be provided.
7. Report to the homeowner will be condensed to a one page report as opposed to the previous report containing 12 to 20 pages. A sample copy of the new report form attached.

COST PER EVALUATION ESTIMATE:

Contract Total:	\$ 44,560.
Less 13% designated for education purposes:	<u>-5,793.</u>
BALANCE	\$ 38,767.

Cost per evaluation: \$138.45 ($\$38,767 \div 280 \text{ evaluations} = \138.45)

CONTRACT AMOUNT TO COORDINATOR:

Contract Total:	\$ 44,560.
Less vehicle, gas, insurance and office supplies:	<u>-14,560.</u>
Salary to Lab Coordinator:	\$ 30,000.