

LAW OFFICES  
**ROSE, SUNDBSTROM & BENTLEY, LLP**  
2548 BLAIRSTONE PINES DRIVE  
TALLAHASSEE, FLORIDA 32301

FREDERICK L. ASCHAUER, JR.  
CHRIS H. BENTLEY, P.A.  
ROBERT C. BRANNAN  
F. MARSHALL DETERDING  
JOHN R. JENKINS, P.A.  
KYLE L. KEMPER  
STEVEN T. MINDLIN, P.A.  
CHASITY H. O'STEEN  
DAREN L. SHIPPY  
WILLIAM E. SUNDBSTROM, P.A.  
DIANE D. TREMOR, P.A.  
JOHN L. WHARTON  
ROBERT M. C. ROSE (1924-2006)

(850) 877-6555  
FAX (850) 656-4029  
www.rsbattorneys.com

REPLY TO CENTRAL FLORIDA OFFICE

May 10, 2007

HAND DELIVERY

**ORIGINAL**

RECEIVED-ATPSC  
07 MAY 10 AM 10:26  
CENTRAL FLORIDA OFFICE  
SANLANDO CENTER  
2180 W. STATE ROAD, SUITE 2118  
LONGWOOD, FLORIDA 32704  
(407) 830-6331  
FAX (407) 830-8522

MARTIN S. FRIEDMAN, P.A.  
VALERIE L. LORD  
BRIAN J. STREET

Ann Cole, Commission Clerk  
Office of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399

RE: Docket No.: 060285-SU; Utilities, Inc. of Sandalhaven's Application for Rate Increase  
in Charlotte County, Florida  
Our File No.: 30057.114

Dear Ms. Cole:

Enclosed for filing in the above-referenced docket is the response of Utilities, Inc. of Sandalhaven to Staff's third data request dated April 26, 2007:

1. With regard to Lift Station No. 4 Force Main Repair and the Master Lift Station and Force Main projects, please provide a copy of all signed contracts and invoices for these projects.

RESPONSE: Please refer to Exhibit 1 attached hereto.

2. The following questions relate to the projected \$200,000 plant addition in 2007 for force mains in order to redirect flow from existing customers served by the existing wastewater treatment plant to the EWD for treatment.
  - (a) provide a copy of any signed contracts, invoices, and the utility's approved "Capital project request" from the Integrated Systems Solution for this project;

RESPONSE: The project has not yet been approved.

- (b) if this project has not been through the bidding process, provide the status of the engineering and permitting efforts;

DOCUMENT NUMBER-DATE

03908 MAY 10 5

FPSC-COMMISSION CLERK

**RESPONSE:** The project has been delayed due to the dependency of the project on the Wildflower golf course redevelopment. The engineering design and permitting process has not yet started.

- (c) provide the actual or projected completion date for this project;

**RESPONSE:** The project's completion date is unknown at this time, but it is not expected to be completed any earlier than December 31, 2007.

- (d) do the \$200,000 estimated costs include the sub-master lift station that Mr. Flynn stated would be required in order to redirect flow from existing customers served by the existing wastewater treatment plant to the EWD for treatment;

**RESPONSE:** Yes.

- (e) if the answer to Question 2.(c) (*sic*) above is "no", provide the same information requested in Questions 2.(a) through 2.(c) above for the sub-master lift station.

**RESPONSE:** N/A

3. The following questions relate to the options Utilities, Inc. of Sandalhaven (Sandalhaven or utility) considered before its decision to interconnect with the Englewood Water District (EWD).

- (a) what other treatment and/or disposal options did Sandalhaven consider;

**RESPONSE:** The Utility developed a master sewer plan in 2004 to identify projected sewer flows at buildout based on Charlotte County zoning regulations and densities assigned to undeveloped property within the service area. Subsequently, the Utility initiated the design of a treatment plant expansion that could be built in phases to accommodate growth over time. Concurrent with this planning effort, the Utility examined effluent disposal options including: shallow injection wells, deep well injection (DWI), and bulk agreements with Charlotte County Utilities and Englewood Water District. FDEP informed the Utility that shallow injection wells would not meet permitting conditions in the general area. Charlotte County was not able to offer adequate disposal capacity, and EWD declined to offer only effluent disposal capacity, wanting instead to provide bulk treatment and disposal capacity.

This left DWI as the remaining viable disposal option. An engineering estimate of the cost to design, permit, and build a DWI facility indicated that this option was prohibitively expensive due to FDEP design, operation and maintenance requirements. Thereafter, an agreement was reached with EWD to reserve treatment and disposal capacity in EWD's facilities and to construct a master lift station and force main to interconnect a large portion of the Utility's collection system with EWD's treatment plant.

(b) did the utility perform a cost benefit/effectiveness analysis of these options;

**RESPONSE:** Yes.

(c) if the answer to Question 3.(b) above is "yes", provide a copy of the cost benefit/effectiveness analysis;

**RESPONSE:** Please refer to Exhibit 3(c), attached hereto, which is a budget estimate of the cost to design and support construction of a deep injection well as provided by CH2M Hill. The estimated cost to construct the deep injection well was over \$3,000,000. Additionally, CPH Engineers estimated the cost to design, permit, and build the WWTP expansion at \$4,022,290 for 0.500 mgd of treatment capacity meeting public access reuse requirements. Additionally, FDEP requires that the deep well be taken off line annually and examined for integrity. This would have necessitated construction of 2.5 MG of storage in order to hold five days of flow or construct a pipeline to EWD. It was very evident that the purchase of 0.500 mgd of capacity from EWD and construction of the interconnecting pipeline would cost significantly less than the alternative, especially when EWD indicated that it would require the purchase of capacity even if for limited use when the DIW was off-line.

(d) if the answer to Question 3.(b) above is "no", explain why Sandalhaven did not perform such analysis before interconnecting with the EWD.

**RESPONSE:** N/A

4. In the telephone discussion with Mr. Flynn, he had indicated that the Master Lift Station & Force Main project was completed this week.

(a) what is or will be the exact date this project was or will be placed into service;

**RESPONSE:** April 19, 2007.

- (b) is it correct that no flows from existing customers, other than perhaps any present customers associated with the Hammocks at Cape Haze and Cape Haze resort, can be sent to the EWD until the force mains and the sub-master lift station, discussed in Questions 2.(a) through 2.(e) above, are completed;

**RESPONSE:** Yes, the master lift station is designed to collect gravity flow from the adjacent Cape Haze Resort development. Flow from the future 8401 Placida Housing Group development will gravity flow to the master lift station, then be re-pumped to EWD. Additionally, flow will be directed to the master lift station from existing and future lift stations along Placida Road. Hammocks at Cape Haze does not gravity flow to the master lift station; the Hammocks lift station connects to a 4" force main on Placida Road.

- (c) if the answer to Question 4.(b) above is "yes", explain why the utility's existing customers should pay for any of the interconnection costs to the EWD until such time the flows from existing customers served by the existing wastewater treatment plant are redirected to the EWD for treatment;

**RESPONSE:** In order for the existing Sandalhaven WWTP to remain in service for the benefit of existing customers, the Utility must have 0.150 mgd of effluent disposal capacity. Currently, the Utility's only reuse application point is the former Wildflower golf course, which is in the process of being redeveloped as a residential community. It will not offer a long-term disposal option. The Utility's on-site percolation ponds do not have adequate percolation capacity during peak flow periods throughout the winter months to serve as the sole disposal option. The seasonal high water table makes perc pond disposal problematic. There are no large tracts of land suitable for effluent disposal within the Utility's service area, a large portion of which is made up of state and county park land. During the low flow portion of the year, and as long as the Wildflower property continues to be available as an effluent disposal option, the Utility can continue to treat flows from existing customers at the existing plant.

- (d) if the answer to Question 4.(b) above is "no", provide the total number of existing customers, and the associated gallons per day (gpd) flows that are presently being sent to the EWD;

**RESPONSE:** N/A

- (e) provide the total present customers, by meter sizes, and the associated wastewater flows for the Hammocks at Cape Haze and Cape Haze Resort;

**RESPONSE:** The Hammocks at Cape Haze development is a 234-unit multi-family project consisting of 30 buildings that is served through an 8" master water meter. There is very limited water consumption data available at this time since the first two buildings and clubhouse were only completed in November 2006 and occupancy has been minimal. The Cape Haze Resort project is a 288-unit multi-family project consisting of twelve 24-unit buildings, each of which has a 3" meter. The first building was completed in February 2007 along with a clubhouse. In both projects, the developers reserved capacity based on 190 gpd/unit.

- (f) provide the total projected year-end customers, by meter size, and the associated wastewater flows for the Hammocks at Cape Haze and the Cape Haze Resort, including the basis and support documentation the utility relied on for these projects;

**RESPONSE:** The projected year-end flow at Hammocks at Cape Haze is 48,000 gpd based on the construction schedule provided by the developers and full occupancy of each one. The projected year-end flow at Cape Haze Resort is 52,000 gpd based on the developer's schedule and the same set of assumptions.

- (g) provide the total number of customers, by meter sizes, at build-out for the Hammocks at Cape Haze and the Cape Haze Resort, including the basis and support documentation the utility relied on for the build-out projections;

**RESPONSE:** The Hammocks at Cape Haze will contain 234 units in 30 buildings at buildout served through an 8" water meter with a reserved wastewater capacity of 40,850 gpd inclusive of the clubhouse. Likewise, Cape Haze Resort will contain 288 units in 12 buildings at buildout with each building containing 24 units. The total reserved wastewater capacity is 56,100 gpd inclusive of the clubhouse.

- (h) prior to the completion of the force mains and the sub-master lift station discussed above, are there flows from any other developments that the utility is or will be sending to the EWD;

**RESPONSE:** The design of the master lift station's force main on Placida Road allows for flow to be directed either to the existing plant or to the master lift station south of Fiddlers Green so as to optimize the use of the existing plant's treatment and disposal capacity until such time as the treatment plant is taken off line or the disposal site is no longer available.

Ann Cole, Commission Clerk  
Office of Commission Clerk  
Florida Public Service Commission  
May 10, 2007  
Page 6

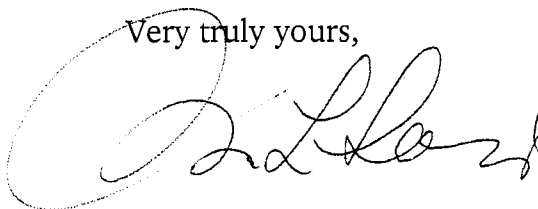
---

- (i) if the answer to Question 4.(h) is "yes", provide the same information requested in Questions 4.(e) through 4.(g) above for the other developments.

**RESPONSE:** The flow generated from existing customers who are located south of Fiddlers Green varies greatly by season and by day of week because the occupancy rate of the many condos varies with the seasons. Consequently, the fraction of the total plant flow produced by these customers is unknown at this time. Areas served south of Fiddlers Green include Cape Haze Marina and Condos, Palm Island Marina, Gulf Wind Marina, Leverock's Restaurant, Hammocks at Cape Haze, Cape Haze Resort, Cape Haze Plaza, Hacienda del Mar, and Don Pedro State Park.

Should you have any questions regarding this filing, please do not hesitate to give me a call.

Very truly yours,

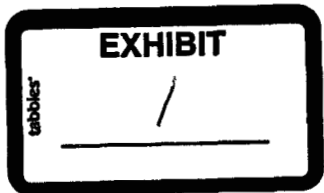


MARTIN S. FRIEDMAN  
VALERIE L. LORD  
For the Firm

VLL/tlc  
Enclosures

cc: Mr. Troy Rendell, Division of Economic Regulation (w/enc. - via hand delivery)  
Steven M. Lubertozzi, Chief Regulatory Officer (w/enclosures - via U.S. Mail)  
John P. Hoy, Regional Vice President of Operations (w/enclosures - via U.S. Mail)  
Patrick C. Flynn, Regional Director (w/enclosures - via U.S. Mail)  
Mr. Frank Seidman (w/enclosures - via U.S. Mail)  
Steven Reilly, Esquire, Office of Public Counsel (w/enclosures - via U.S. Mail)  
Kenneth A. Hoffman, Esquire (w/enclosures - via U.S. Mail)

M:\1 ALTAMONTE\UTILITIES INC\SANDALHAVEN\(.114) 2005 RATE CASE\PSC Clerk 20 (Data Request 3).wpd





EMERGENCY **APPROVED**

# Project Request

Florida FL C103 0690 3801  
 Region State Co# Sub# ID #

Priority Level: 4 - Maintenance

Project Created: 12/02/05

Related to ID #:

Project Name: **Sandalhaven Lift Station #4 Force Main Repair**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 12/13/2005

System: Utilities, Inc of Sandalhaven

Expenses to End: 03/31/2006

Service(s):  Water  Sewer  Water & Sewer  Reuse  Other...

Benefits Category:  Regulatory Requirement  Expand Capacity  Ongoing Maintenance  
 Improve Service  Provide New Service  Other (explain below)  
 Cost Reduction  Improve Safety



## Estimated Costs by Component

WO#: 103-0690-116-06-02

PO#: \_\_\_\_\_ GL#: \_\_\_\_\_

Component(s)	Component Description	Original Estimate	Asset Designation
20002	Capitalized Time	\$885.00	<input type="radio"/> New Asset(s) <input type="radio"/> Upgrading Asset(s) <input checked="" type="radio"/> Repairing Asset(s) <input type="radio"/> Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service? _____
20003	IDC	\$250.00	
20914	Labor and Materials	\$12,200.00	
	Contingency	\$1,000.00	

Cap Plan Estimate: \$13,200.00 Estimate Totals: \$14,335.00

Capitalized Time Estimate: 30 Hours Total # of Customers: 903 # of Affected Customers: 903 Cost per Customer: \$15.87

Annual Offset In Expenses: \_\_\_\_\_



## Signature Authority & Approvals

Submitted by: Richard W. Retz Title: Assistant Operations Mgr. Date: 02/09/06

\$5,000 - \$50,000 Patrick Flynn Regional Director Date: 02/09/06

\$50,001 - \$250,000 \_\_\_\_\_ Regional VP of Operations Date: \_\_\_\_\_

\$250,001 - \$500,000 Lisa Crossett Chief Operations Office Date: 02/13/06

Over \$500,000 \_\_\_\_\_ Chief Executive Officer Date: \_\_\_\_\_





EMERGENCY **APPROVED**

# Project Request

Florida FL C103 0690 3801  
 Region State Co# Sub# ID #

Priority Level: 4 - Maintenance

Project Created: 12/02/05

Related to ID #:

Project Name: **Sandalhaven Lift Station #4 Force Main Repair**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 12/13/2005

System: Utilities, Inc of Sandalhaven

Expenses to End: 03/31/2006



**Attachment(s) - Ref. # 3801**

- Fax
- Interoffice Mail
- QuickMail / Email
- Hand Delivery

Project Description  
 List of System Projects

**Project Description**

See Notes Screen for add'l info

**Estimate Total: \$14,335.00**

This project includes the repair of the four-inch force main located on Gaspirilla Pines Road at Lift Station #4 in the Utilities Inc. of Sandalhaven service area. The force main has an excessive leak inside the wet well prior to existing the lift station. The force main is over ten-feet deep, near a road and will require well points to be able to excavate for the repair.

**Justification & Benefits**

The force main is leaking inside the wet well and spraying sewage at a high force against the concrete walls of the wet well and is compromising the integrity of the concrete structure. Lift station #4 receives sewage from two other lift stations and if the force main fails completely there will be no avenue to pump sewage from three lift stations.

Until the repairs are completed, the pumps will cycle on and off more frequently causing an increase in power consumption.

**Alternatives**

1. **DO NOT MAKE THE REPAIR:** This alternative will result in the complete collapse of the force main and sewage from three lift stations will have to be transported by vac trucks to the plant.
2. **INSTALL A PIPE REPAIR CLAMP AT THE BREAK IN THE FORCE MAIN:** The force main is several years old and a new section of pipe approximately ten to twenty feet long needs to be installed. The location and orientation of the pipe break necessitates pipe replacement, not simply installing a repair clamp.

**Timing of Project**

Project can be started immediately after work order approval

**System Information**

- **Acquisition Date**  
03/01/1999
- **Facility Update**

Utilities Inc. of Sandalhaven is a sewer only system located in Charlotte County. The wastewater plant is a Davco steel ring plant design consisting of a surge tank, 0.150 MG aeration basin, single clarifier, chlorine contact chamber, digester, two sand filter cells, one lined reuse storage pond and three substandard percolation ponds. Effluent is



EMERGENCY **APPROVED**

# Project Request

Florida FL C103 0690 3801  
 Region State Co# Sub# ID #

Priority Level: 4 - Maintenance

Project Created: 12/02/05

Related to ID #:

Project Name: **Sandalhaven Lift Station #4 Force Main Repair**

Company: **Utilities, Inc of Sandalhaven**

Expenses to Start: **12/13/2005**

System: **Utilities, Inc of Sandalhaven**

Expenses to End: **03/31/2006**

delivered to the Wildflower G.C. for irrigation use, permitted disposal capacity is 0.100 mgd.

The FDEP Operating permit was relast newed on August 14, 2001. As of 1/31/07, the permit is in the final stages of the renewal process.

Permit-related projects include:

8/02 Conversion of Cl2 gas disinfection system to Sodium Hypochlorite.

11/02 The rehabilitation of LS#2 & MH rehab.

11/01 Install baffles in chlorine contact chamber.

11/01 Installation of piping to interconnect perc ponds to improve operational flexibility.

● **Anticipated Growth in Area**

1/17/03 The service area is located on the Gulf Coast of Florida equidistant between Ft. Myers and Sarasota. The area is a prime location for development because it contains undeveloped waterfront property.

Customer growth since the acquisition has totaled 157 accounts in 3 years, primarily in-fill lots plus condo units built before the acquisition date in Talisman Marina. Upcoming development projects include a 48-room Ship's Lantern Hotel on Esther Street; Hacienda Del Mar, a 112-unit condo project on waterfront property; a 73-lot manufactured home project called Pines at Sandalhaven; and service to a reception center and parking lot at Don Pedro State Park. There is also the potential to add customers south of Esther Street that are currently in a pending state.

● **Rate Case Information**

Last Order Date: 10/99

Order Number: PSC-99-2114-PAA-SU

Type: S

Docket: 981221-SU

Test Year: Acquisition

● **List of Other Projects for System - by Project Status**

Sub	Status	Proj ID	Project Name	Date	Estimate	Spent
0690	Placed In Service	1196	Design/Permitting - Sandalhaven WWTP	02/15/05	\$530,600	\$206,418
0690	Placed In Service	3875	Master Lift Station and Force Main	03/15/06	\$2,800,000	\$877,509
0690	Placed In Service	4232	Purchase of 100,000 gpd of Treatment	04/01/06	\$752,000	\$753,373
0690	*Completed	3801	Sandalhaven Lift Station #4 Force Main	12/13/05	\$13,200	\$16,000
0690	*Completed	251	VARIABLE FREQUENCY DRIVE UNITS,	02/06/06	\$35,000	\$31,997
0690	*Completed	3835	Sanitary Sewer I/I Corrections	02/06/06	\$130,000	\$132,585
0690	*Completed	3948	Survey and Route Selection for Master Lift	02/16/06	\$98,500	\$98,147
690	*Completed	9271	Purchase of 200,000 gpd of Treatment	06/01/06	\$1,504,000	
0690	*Completed	4518	Sandalhaven 9033 Bantry Bay Lot # 94 & 95	01/17/07	\$15,000	
0690	Closed	3586	Gasparilla Pines I/I Investigation	09/30/05	\$60,000	\$22,026
690	Capital Planning	9173	Reline 6 lift station wet wells	01/01/07	\$30,000	
690	Proposed	9272	EWD bulk sewer capacity payment	01/01/08		
0690	Proposed	253	SH-Install sewer main extensions on Bantry	03/03/08		



EMERGENCY APPROVED

# Project Request

Florida	FL	C103	0690	3801
Region	State	Co#	Sub#	ID #

Priority Level: 4 - Maintenance

Project Created: 12/02/05

Related to ID #:

Project Name: **Sandalhaven Lift Station #4 Force Main Repair**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 12/13/2005

System: Utilities, Inc of Sandalhaven

Expenses to End: 03/31/2006



EMERGENCY

**Project Details**

Florida FL C103 0690 3801  
 Region State Co# Sub# ID #

Project Name: Sandalhaven Lift Station #4 Force Main Repair Current Status: \*Completed  
 Company: Utilities, Inc of Sandalhaven WO/PO#: 103-0690-116-06-02  
 System: Utilities, Inc of Sandalhaven Project Mgr: Richard W. Retz

**Project Description**

This project includes the repair of the four-inch force main located on Gaspirilla Pines Road at Lift Station #4 in the Utilities Inc. of Sandalhaven service area. The force main has an excessive leak inside the wet well prior to existing the lift station. The force main is over ten-feet deep, near a road and will require well points to be able to excavate for the repair.



**Location**

Utilities, Inc. of Sandalhaven

**Justification & Benefits**

The force main is leaking inside the wet well and spraying sewage at a high force against the concrete walls of the wet well and is compromising the integrity of the concrete structure. Lift station #4 receives sewage from two other lift stations and if the force main fails completely there will be no avenue to pump sewage from three lift stations.

Until the repairs are completed, the pumps will cycle on and off more frequently causing an increase in power consumption.

**Alternatives**

1. DO NOT MAKE THE REPAIR: This alternative will result in the complete collapse of the force main and sewage from three lift stations will have to be transported by vac trucks to the plant.
2. INSTALL A PIPE REPAIR CLAMP AT THE BREAK IN THE FORCE MAIN: The force main is several years old and a new section of pipe approximately ten to twenty feet long needs to be installed. The location and orientation of the pipe break necessitates pipe replacement, not simply installing a repair clamp.

**Project Dates**

Submitted By: Richard W. Retz 02/09/06 Approvals: Reg Director --> Patrick Flynn 02/09/06  
 Approved: 02/13/06 Lisa Crosssett 02/13/06



**Timing Issues**

Project can be started immediately after work order approval

**Estimated Start & Finish Dates**

Start: 12/13/05 In Service: 03/08/06  
 Finish: 03/31/06

Original	Changes	Amended By	Reason for Amending Project Completion Date	Date Amended
Finish:				

**Project Costs**

\*Total spent posted as of: 08/31/06 \*\*\* OVER BUDGET! \*\*\*

Component(s) & Description	Orig. Estimate	Amended	Spent to Date	Over/Under	% of Budget
20002 CAPITALIZED TIME	\$885.00		\$118.00	\$767.00	13%
20003 IDC	\$250.00		\$120.00	\$130.00	48%
20914 LABOR AND MATERIALS	\$12,200.00		\$16,000.00	-\$3,800.00	131%



Project Details

Florida FL C103 0690 3801  
Region State Co# Sub# ID#

Project Name: Sandalhaven Lift Station #4 Force Main Repair

Current Status: \*Completed

Company: Utilities, Inc of Sandalhaven

WO/PO#: 103-0690-116-06-02

System: Utilities, Inc of Sandalhaven

Project Mgr: Richard W. Retz

CONTINGENCY	\$1,000.00		\$1,000.00	0%
<b>Totals:</b>	<b>\$14,335.00</b>	<b>\$16,238.00</b>	<b>-\$1,903.00</b>	<b>113.28%</b>

Project Notes





012430  
12430

8 (CP)

ENTERED  
MAR 29 2006

MAR 16 2006

# UTILITIES, INC.

## APPLICATION AND CERTIFICATION FOR PAYMENT

<b>OWNER:</b>	Utilities, Inc. 200 Weathersfield Ave. Altamonte Springs, FL 32714 Attn: Ferri Trovinger	<b>PROJECT:</b>	510-20003 Sandlehaven Lift Station No.4 Utilities, Inc. PO# 690	<b>APPLICATION NO:</b>	1 (Final)
				<b>Period from:</b>	Inception
				<b>Period to:</b>	03-Mar-06
<b>CONTRACTOR:</b>	Cardinal Contractors, Inc. 2201 Cantu Court, Ste 202 Sarasota, FL 34232				

### CONTRACTORS CERTIFICATION

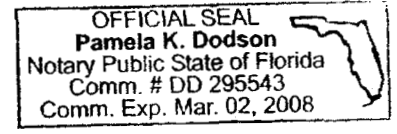
The undersigned Contractor hereby swears under penalty of perjury that (1) all previous progress payments received from the Owner on account of Work performed under the contract referred to above have been applied by the undersigned to discharge in full all obligations of the undersigned incurred in connection with the Work covered by prior Applications for Payment under said Contract, being Applications for Payment numbered 1 through 1 inclusive, and (2) all materials and equipment incorporated in said project or otherwise listed in or covered by this application for Payment are free and clear of all liens, claims, security interests and encumbrances.

CONTRACTOR: Cardinal Contractors, Inc.

BY: William W. Moore, Vice President 3/15/06  
Date

State of: FLORIDA County of: SARASOTA  
Notary Public: [Signature] 3/15/06  
Date

Before me this \_\_\_\_\_ day of March, 2006, personally appeared William W. Moore, known to me, who being duly sworn, deposes and says that he is the Project Manager of the Contractor above mentioned; that he executed the above Application for Payment and statements on behalf of said Contractor and that all of the statements contained herein are true, and correct and complete.



### CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment as shown below, in connection with the Contract Schedule of Values

- |  |             |
|--|-------------|
| 1. WORK PERFORMED TO DATE  | \$16,000.00 |
| 2. LESS PREVIOUS CERTIFIATES FOR PAYMENT<br>(Line 3 prior Certificate) | \$          |
| 3. CURRENT PAYMENT DUE This Request<br>(Line 1 less Line 2)            | \$16,000.00 |

### OWNER'S CERTIFICATION FOR PAYMENT

In accordance with the above Contract, the undersigned recommends payment to the Contractor in the Amount as shown above.

Utilities, Inc.  
By: \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_  
TITLE: \_\_\_\_\_

103-0693-11 - 02 - 03/15/06



Sandlehaven Lift Station #4  
Utilities Inc. PO # 690

Cardinal Proposal dated 11/29/05	\$11400.00
Alum. Grating Adder	\$800.00
Cardinal Proposal dated 3/3/06	\$3800.00
TOTAL	\$16000.00

# Fax

**To:** Scott Utilities Inc. **From:** Mike Baldwin  
**Fax:** 941-697-8959 **Pages:** 1  
**Phone:** 407-466-1740 **Date:** 3/3/06  
**Re:** Sandlehaven Lift Station No.4 **CC:** Bill Reams

Urgent    For Review    As Requested    Please Comment    For Record

● Comments: As you are aware, we had to work an extra night to repair the force main at the above site due to different conditions. Our costs for the additional work is \$3,800.00. Please let us know how you wish to handle the above.

Thanks,

Mike Baldwin

---

2201 Cantu Court, Suite 202, Sarasota, FL 34232  
(941) 377-8555 – Fax: (941) 377-8542

**CARDINAL  
CONTRACTORS, INC.**

# Fax

**To:** Scott Utilities Inc.                      **From:** Mike Baldwin

---

**Fax:** 941-697-8959                              **Pages:** 1

---

**Phone:** 407-466-1740                         **Date:** 11-29-05

---

**Re:** Sandlehaven Lift Station No.4      **CC:** Bill Reams

---

Urgent     For Review     As Requested     Please Comment     For Record

● Comments: As we discussed today, the cost to repair the 4" D. I. Pipe Force Main at the above site is \$11,400.00. The 4" pipe will be replaced from the 4" Flange 90 deg. bend inside the Vault & reconnected to the existing line outside the structure. The pipe penetration will be repaired with waterplug and the concrete pad replaced. We can mobilize our crew as early as Monday 12/5/05 and make the repair that night. The existing grating on top of the above pump station will cost an additional \$800.00 to replace.

Please let us know at your earliest convenience if you wish for us to proceed with the above work.

Thanks again for your consideration.



Mike Baldwin

Utilities, Inc. of Sandalhaven  
Data Request 3  
Docket No. 060285-SU

Exhibits to Item 1  
Project Approvals,  
CP Ledgers &  
Invoices for  
Master Lift Station and Force Main  
Work Order



# Project Request

Florida FL C103 0690 3875  
 Region State Co# Sub# ID #

Priority Level: 1 - Regulatory

Project Created: 01/26/06

Related to ID #: 3948

Project Name: **Master Lift Station and Force Main**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 03/15/2006

System: Utilities, Inc of Sandalhaven

Expenses to End: 12/31/2006

Service(s):  Water  Sewer  Water & Sewer  Reuse  Other...

Benefits Category:  Regulatory Requirement  Expand Capacity  Ongoing Maintenance  
 Improve Service  Provide New Service  Other (explain below)  
 Cost Reduction  Improve Safety

## Estimated Costs by Component

WO#: 103-0690-116-06-05

PO#: \_\_\_\_\_ GL#: \_\_\_\_\_

Component(s)	Component Description	Original Estimate	Asset Designation
20002	Capitalized Time	\$5,900.00	<input type="radio"/> New Asset(s) <input type="radio"/> Upgrading Asset(s) <input type="radio"/> Repairing Asset(s) <input type="radio"/> Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service? _____
20003	IDC	\$107,492.00	
20105	Engineering	\$100,000.00	
20146	Construction	\$2,700,000.00	

Cap Plan Estimate: \$3,400,000.00 Estimate Totals: \$2,913,392.00

Capitalized Time Estimate: 200 Hours Total # of Customers: 981 # of Affected Customers: 981 Cost per Customer: \$2,969.82

Annual Offset In Expenses: \_\_\_\_\_

## Signature Authority & Approvals

Submitted by: **Tony Wierzbicki** Title: Project Manager Date: 04/04/06

\$5,000 - \$50,000 **Patrick Flynn** Regional Director Date: 04/04/06

\$50,001 - \$250,000 **John Hoy** Regional VP of Operations Date: 04/04/06

\$250,001 - \$500,000 **Lisa Crossett** Chief Operations Office Date: 04/04/06

Over \$500,000 **Jim Camaren** Chief Executive Officer Date: 04/04/06



# Project Request

Florida FL C103 0690 3875  
Region State Co# Sub# ID #

Priority Level: 1 - Regulatory

Project Created: 01/26/06

Related to ID #: 3948

Project Name: **Master Lift Station and Force Main**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 03/15/2006

System: Utilities, Inc of Sandalhaven

Expenses to End: 12/31/2006



**Attachment(s) - Ref. # 3875**

- Fax
- QuickMail / Email
- Interoffice Mail
- Hand Delivery

Project Description  
List of System Projects

Estimate(s) Required  
Timeline Required

---



---



---

**Project Description**

See Notes Screen for addt'l info

**Estimate Total: \$2,913,392.00**

Design and construct:

- 1) a master lift station in the southern portion of the service territory adjacent to Cape Haze Resort, triplex design, with emergency generator, transfer switch, control panel, and alarms
- 2) an 8" force main along the County Road 775 right-of-way (ROW) from the proposed master lift station to Gasparilla Pines Blvd.
- 3) a 10" force main from Gasparilla Pines Blvd. to the Englewood Water District WWTP.
- 4) a flow meter, meter vault, and associated materials.

The design/partnership approach has been chosen in order to expedite the completion of the project in a short time frame. The force main will be 3.5 to 4 miles long, depending on the final route location, which will be determined separately under WO#3948.

**Justification & Benefits**

Growth within the service area has increased more rapidly than anticipated. In order to meet contractual commitments to developers in the short-term, a bulk wastewater agreement was entered into with the Englewood Water District in lieu of expanding the Sandalhaven WWTP's permitted capacity and constructing a Deep Injection Well at an estimated cost of \$6 million. The proposed project includes the design and construction of the master lift station and force main to deliver flow to Englewood's WWTP for treatment and disposal through a metered connection. The facilities will be designed to handle total build-out flow conditions in the Sandalhaven service area.

This project needs to be completed by November, 2006 in order to meet contractual obligations with the developer of The Hammocks at Cape Haze. The surveying and route selection process have been approved under WO#3948 and are underway. The engineering, permitting and construction of the master LS and FM are being combined in this WO to minimize the timeline and meet the November deadline. Multiple design firms were solicited to provide their methodology to complete this project in the timeframe required. Only two firms were willing to provide a proposal for the project; CH2M Hill and CPH. Both firms proposed streamlining the traditional process and utilize a design/build or design/partnership approach to save time. Each one provided a firm bid for engineering design and permitting costs and an estimate for the construction of the project. CPH's design fees were 25% of CH2M Hill's but both firms were estimating over \$3.3 million for construction due to the uncertainty of the route, the requirement by the county to drill verses open cut the ROW along most of the route and the compressed schedule limiting the availability of contractors. CPH was chosen given their lower design fees and their commitment of resources and contractor availability to complete the project by the required deadline. Preliminary discussions with the contractor indicate that his unit prices will be competitive with other jobs he has done for us. So, the original estimate from the engineer was reduced to \$2.8 m for this WO. Once approved, they will lock down the preferred contractor and get a firm price to be used in a "cost plus" contract for materials and a fixed unit labor cost.



# Project Request

Florida FL C103 0690 3875  
 Region State Co# Sub# ID #

Priority Level: 1 - Regulatory

Project Created: 01/26/06

Related to ID #: 3948

Project Name: **Master Lift Station and Force Main**

Company: **Utilities, Inc of Sandalhaven**

Expenses to Start: **03/15/2006**

System: **Utilities, Inc of Sandalhaven**

Expenses to End: **12/31/2006**

Unit price to be used in a cost plus contract for materials and a fixed unit labor cost.

## Alternatives

### 1. DO NOT CONSTRUCT MASTER LIFT STATION AND FORCE MAIN

Growth projections for this system indicate that flows will exceed the permitted plant capacity in early 2007. The WWTP expansion will not be completed until early 2008. The existing WWTP cannot accommodate the proposed additional flows. The monthly DMRs submitted to FDEP identify the remaining unused capacity. DEP potentially could take enforcement action, including levying fines against the Utility.

### 2. USE CONVENTIONAL BIDDING TECHNIQUES

Due to the time required to bid out design and construction services sequentially, this would not allow the timely completion of this project before flows exceed plant capacity. By utilizing the design/partnership concept, this time frame is reduced thus allowing for a shorter project duration. The cost for a design/partnership concept will cost approximately the same as the conventional design-bid-build process assuming that the contractor is locked into a unit price for labor, the material quantities are identified up front, and materials are billed on a cost plus basis. Based on discussions with the design engineer and our preferred contractor, the major unknowns are wet weather, storm events, underground conflicts, and limerock that would require additional materials and labor and cause time delays. Based on recent bid prices in the area and after talking with the preferred contractor, the unit price for open cutting 8" and 10" pipe is about \$60/LF. Necessary directional drilling and dewatering elements of this project increased the estimated the unit price to \$100/LF or an estimated FM cost of over \$2 million plus \$0.5 million for the LS &

## Timing of Project

### Timeline Required

The project must be completed prior to the end of 2006 in order to provide service to Hammocks at Cape Haze and Cape Haze Resort.

## System Information

### ● Acquisition Date

03/01/1999

### ● Facility Update

Utilities Inc. of Sandalhaven is a sewer only system located in Charlotte County. The wastewater plant is a Davco steel ring plant design consisting of a surge tank, 0.150 MG aeration basin, single clarifier, chlorine contact chamber, digester, two sand filter cells, one lined reuse storage pond and three substandard percolation ponds. Effluent is delivered to the Wildflower G.C. for irrigation use, permitted disposal capacity is 0.100 mgd.

The FDEP Operating permit was relast newed on August 14, 2001. As of 1/31/07, the permit is in the final stages of the renewal process.

Permit-related projects include:

8/02 Conversion of Cl2 gas disinfection system to Sodium Hypochlorite.

11/02 The rehabilitation of LS#2 & MH rehab.

11/01 Install baffles in chlorine contact chamber.

11/01 Installation of piping to interconnect perc ponds to improve operational flexibility.



# Project Request

Florida FL C103 0690 3875  
 Region State Co# Sub# ID #

Priority Level: 1 - Regulatory

Project Created: 01/26/06

Related to ID #: 3948

Project Name: **Master Lift Station and Force Main**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 03/15/2006

System: Utilities, Inc of Sandalhaven

Expenses to End: 12/31/2006

● **Anticipated Growth in Area**

1/17/03 The service area is located on the Gulf Coast of Florida equidistant between Ft. Myers and Sarasota. The area is a prime location for development because it contains undeveloped waterfront property.

Customer growth since the acquisition has totaled 157 accounts in 3 years, primarily in-fill lots plus condo units built before the acquisition date in Talisman Marina. Upcoming development projects include a 48-room Ship's Lantern Hotel on Esther Street; Hacienda Del Mar, a 112-unit condo project on waterfront property; a 73-lot manufactured home project called Pines at Sandalhaven; and service to a reception center and parking lot at Don Pedro State Park. There is also the potential to add customers north of Esther Street that are presently on private tracts.

● **Rate Case Information**

Last Order Date: 10/99

Order Number: PSC-99-2114-PAA-SU

Type: S

Docket: 981221-SU

Test Year: Acquisition

● **List of Other Projects for System - by Project Status**

Sub	Status	Proj ID	Project Name	Date	Estimate	Spent
0690	Placed In Service	1196	Design/Permitting - Sandalhaven WWTP	02/15/05	\$530,600	\$206,418
0690	Placed In Service	3875	Master Lift Station and Force Main	03/15/06	\$2,800,000	\$877,509
0690	Placed In Service	4232	Purchase of 100,000 gpd of Treatment	04/01/06	\$752,000	\$753,373
0690	*Completed	3801	Sandalhaven Lift Station #4 Force Main	12/13/05	\$13,200	\$16,000
0690	*Completed	251	VARIABLE FREQUENCY DRIVE UNITS,	02/06/06	\$35,000	\$31,997
0690	*Completed	3835	Sanitary Sewer I/I Corrections	02/06/06	\$130,000	\$132,585
0690	*Completed	3948	Survey and Route Selection for Master Lift	02/16/06	\$98,500	\$98,147
690	*Completed	9271	Purchase of 200,000 gpd of Treatment	06/01/06	\$1,504,000	
0690	*Completed	4518	Sandalhaven 9033 Bantry Bay Lot # 94 & 95	01/17/07	\$15,000	
0690	Closed	3586	Gasparilla Pines I/I Investigation	09/30/05	\$60,000	\$22,026
690	Capital Planning	9173	Reline 6 lift station wet wells	01/01/07	\$30,000	
690	Proposed	9272	EWD bulk sewer capacity payment	01/01/08		
0690	Proposed	253	SH-Install sewer main extensions on Bantry	03/03/08		





**Project Details**

Florida FL C103 0690 3875  
 Region State Co# Sub# ID #

Project Name: **Master Lift Station and Force Main** Current Status: Placed In Service  
 Company: **Utilities, Inc of Sandalhaven** WO/PO#: 103-0690-116-06-05  
 System: **Utilities, Inc of Sandalhaven** Project Mgr: Tony Wierzbicki

**Project Description**



Design and construct:  
 1) a master lift station in the southern portion of the service territory adjacent to Cape Haze Resort, triplex design, with emergency generator, transfer switch, control panel, and alarms  
 2) an 8" force main along the County Road 775 right-of-way (ROW) from the proposed master lift station to Gasparilla Pines Blvd.  
 3) a 10" force main from Gasparilla Pines Blvd. to the Englewood Water District WWTP.  
 4) a flow meter, meter vault, and associated materials.

The design/partnership approach has been chosen in order to expedite the completion of the project in a short time frame. The force main will be 3.5 to 4 miles long, depending on the final route location, which will be determined separately under WO#3948.

**Location**

Within the Sandalhaven service territory along CR 775 connecting to Englewood Water District's WWTP. Charlotte County, FL

**Justification & Benefits**

Growth within the service area has increased more rapidly than anticipated. In order to meet contractual commitments to developers in the short-term, a bulk wastewater agreement was entered into with the Englewood Water District in lieu of expanding the Sandalhaven WWTP's permitted capacity and constructing a Deep Injection Well at an estimated cost of \$6 million. The proposed project includes the design and construction of the master lift station and force main to deliver flow to Englewood's WWTP for treatment and disposal through a metered connection. The facilities will be designed to handle total build-out flow conditions in the Sandalhaven service area.

This project needs to be completed by November, 2006 in order to meet contractual obligations with the developer of The Hammocks at Cape Haze. The surveying and route selection process have been approved under WO#3948 and are underway. The engineering, permitting and construction of the master LS and FM are being combined in this WO to minimize the timeline and meet the November deadline. Multiple design firms were solicited to provide their methodology to complete this project in the timeframe required. Only two firms were willing to provide a proposal for the project; CH2M Hill and CPH. Both firms proposed streamlining the traditional process and utilize a design/build or design/partnership approach to save time. Each one provided a firm bid for engineering design and permitting costs and an estimate for the construction of the project. CPH's design fees were 25% of CH2M Hill's but both firms were estimating over \$3.3 million for construction due to the uncertainty of the route, the requirement by the county to drill verses open cut the ROW along most of the route and the compressed schedule limiting the availability of contractors. CPH was chosen given their lower design fees and their commitment of resources and contractor availability to complete the project by the required deadline. Preliminary discussions with the contractor indicate that his unit prices will be competitive with other jobs he has done for us. So, the original estimate from the engineer was reduced to \$2.8 m for this WO. Once approved, they will lock down the preferred contractor and get a firm price to be used in a "cost plus" contract for materials and a fixed unit labor cost.

**Alternatives**

1. DO NOT CONSTRUCT MASTER LIFT STATION AND FORCE MAIN  
 Growth projections for this system indicate that flows will exceed the permitted plant capacity in early 2007. The WWTP expansion will not be completed until early 2008. The existing WWTP cannot accommodate the proposed additional flows. The monthly DMRs submitted to FDEP identify the remaining unused capacity. DEP potentially could take enforcement action, including levying fines against the Utility.
2. USE CONVENTIONAL BIDDING TECHNIQUES  
 Due to the time required to bid out design and construction services sequentially, this would not allow the timely completion of this project before flows exceed plant capacity. By utilizing the design/partnership concept, this time frame is reduced thus allowing for a shorter project duration. The cost for a design/partnership concept will cost approximately the same as the conventional design-bid-build process assuming that the contractor is locked into a unit price for labor, the material quantities are identified up front, and materials are billed on a cost plus basis. Based on discussions with the design engineer and our



**Project Details**

Florida FL C103 0690 3875  
 Region State Co# Sub# ID #

Project Name: **Master Lift Station and Force Main** Current Status: Placed In Service  
 Company: **Utilities, Inc of Sandalhaven** WO/PO#: 103-0690-116-06-05  
 System: **Utilities, Inc of Sandalhaven** Project Mgr: Tony Wierzbicki

preferred contractor, the major unknowns are wet weather, storm events, underground conflicts, and limerock that would require additional materials and labor and cause time delays. Based on recent bid prices in the area and after talking with the preferred contractor, the unit price for open cutting 8" and 10" pipe is about \$60/LF. Necessary directional drilling and dewatering elements of this project increased the estimated the unit price to \$100/LF or an estimated FM cost of over \$2 million plus \$0.5 million for the LS & generator. If the contractor hits rock, must use DD methods or dewater in greater quantities, the total project cost will increase irrespective of the project time constraint. The original cost estimate provided by the two engineers prior to receiving input from any contractors was \$3.4 million.

**3. HAUL RAW SEWAGE BY TANKER TO ENGLEWOOD FOR TREATMENT/DISPOSAL**

There would be a slew of logistical issues to address in order to move an estimated 30,000 gpd during the high season so as to avoid overloading the Sandalhaven WWTP. The estimated cost is \$30,000/month assuming DEP & EWD would agree to it.

**4. REQUIRE DEVELOPER TO INSTALL LIFT STATION AND FORCE MAIN**

Multiple developments are proposed or under construction. Requiring one developer to install this master lift station and

**Project Dates**



Submitted By: Tony Wierzbicki 04/04/06 Approvals: Reg Director --> Patrick Flynn 04/04/06  
 Approved: 04/04/06 Reg VP --> John Hoy 04/04/06  
 Chief Operations Lisa Crossett 04/04/06  
 Chief Officer --> Jim Camaren 04/04/06

**Timing Issues**

The project must be completed prior to the end of 2006 in order to provide service to Hammocks at Cape Haze and Cape Haze Resort.

**Estimated Start & Finish Dates**

Start: 03/15/06 In Service: 04/24/07  
 Finish: 12/31/06

Original Finish:	Changes	Amended By	Reason for Amending Project Completion Date	Date Amended

**Project Costs**

\*Total spent posted as of: 08/31/06

Component(s) & Description	Orig. Estimate	Amended	Spent to Date	Over/Under	% of Budget
20002 CAPITALIZED TIME	\$5,900.00		\$2,500.00	\$3,400.00	42%
20003 IDC	\$107,492.00		\$16,728.57	\$90,763.43	16%
20105 ENGINEERING	\$100,000.00		\$104,555.00	-\$4,555.00	105%
20146 CONSTRUCTION	\$2,700,000.00		\$772,954.20	\$1,927,045.80	29%
<b>Totals:</b>	<b>\$2,913,392.00</b>		<b>\$896,737.77</b>	<b>\$2,016,654.23</b>	<b>30.78%</b>

**Project Notes**





**Project Details**

Florida FL C103 0690 3875  
*Region State Co# Sub# ID #*

---

Project Name: **Master Lift Station and Force Main**  
Company: **Utilities, Inc of Sandalhaven**  
System: **Utilities, Inc of Sandalhaven**

Current Status: **Placed In Service**  
WO/PO#: **103-0690-116-06-05**  
Project Mgr: **Tony Wierzbicki**

---



FOR THE 14 PE RIODS ENDING 12/3 6-Jan

CO	SUBD	PROJECT	COMPT	DESCRIPTION	DEBIT	CREDIT	EFF DATE	JOURNAL	BALANCE
103	690	1160605	20002	--CAPITALIZED TIME--				BEG	0
				CAP TIME	2,500.00		9/30/2006	103-CAPTIVE.WO-09-01	
				cap time		2,500.00	10/4/2006	103-CAPTIVE.WO-09-02	
				CAP TIME	2,500.00		9/30/2006	103-CAPTIVE.WO-09-03	
				CAP TIME	4,343.75		12/31/2006	103-CAPTIVE.WO-13-11	
					9,343.75	2,500.00		NET	8,843.75
								END	8,843.75
103	690	1160605	20003	--INTEREST DURING CONS TRUCTION--				BEG	0
				IDC 07/31/06	566.94		8/21/2006	103-SE11WO.A-07-01	
				IDC 08/31/06	2,815.67		9/7/2006	103-SE11WO.A-08-01	
				IDC 09/30/06	6,672.98		10/6/2006	103-SE11WO.A-09-01	
				IDC 09/30/06	6,672.98		10/6/2006	103-SE11WO.A-09-02	
				IDC 09/30/06		6,672.98	11/29/2006	103-SE11WO.A-09-03	
				IDC 10/31/06	10,658.14		11/6/2006	103-SE11WO.A-10-01	
				IDC 11/30/06	13,381.16		12/6/2006	103-SE11WO.A-11-01	
				IDC 12/31/06	16,483.19		1/9/2007	103-SE11WO.A-12-01	
					57,251.06	6,672.98		NET	50,578.08
								END	50,578.08
103	690	1160605	20105	--ENGINEERING--				BEG	0
				21940*13098*CPH ENGI	38,434.94			103-CP.INVD-07-05	
				21940*13098*CPH ENGI	38,405.79			103-CP.INVD-07-05	
				21940*13098*CPH ENGI	500			103-CP.INVD-07-05	
				25175*13098*CPH ENGI	29,214.27			103-CP.INVD-08-05	
				31787*13098*CPH ENGI	23,871.98			103-CP.INVD-10-13	
				31787*13098*CPH ENGI	400			103-CP.INVD-10-13	
				35298*13098*CPH ENGI	2,395.49			103-CP.INVD-12-12	
				37333*13098*CPH ENGI	1,600.18			103-CP.INVD-12-15	
				37333*13098*CPH ENGI	11,158.02			103-CP.INVD-12-15	
					143,780.67	0		NET	143,780.67
								END	143,780.67
103	690	1160605	20146	--INSTALLATION OF PLAN T--				BEG	0
				25173*14835*TRI-SURE	268,486.20			103-CP.INVD-08-05	
				28473*14835*TRI-SURE	504,488.00			103-CP.INVD-09-02	
				31786*14835*TRI-SURE	484,085.99			103-CP.INVD-10-13	
				31788*19632*CROY DEV	1,413.00			103-CP.INVD-10-13	
				33761*14835*TRI-SURE	347,219.44			103-CP.INVD-11-08	
				35971*19632*CROY DEV	1,777.50			103-CP.INVD-12-13	
				36943*18627*MOON PLU	25,425.00			103-CP.INVD-12-14	
				38078*14835*TRI-SURE	343,111.77			103-CP.INVD-12-15	
					1,975,986.90	0		NET	1,975,986.90
								END	1,975,986.90

1/2 CP (4)

12134  
21940

**ENTERED**  
JUL 14 2006

**Invoice**



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

RECEIVED  
MAY 29 2006  
UTILITIES, INC.

May 28, 2006  
Project No: # U0785/48822  
Invoice No: 48822

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
Professional Services through April 30, 2006

**Professional Personnel**

	Hours	Rate	Amount
Senior CADD Technician	103.00	75.00	7,725.00
Sr. Project Manager	115.00	140.00	16,100.00
Senior Design Engineer	116.00	100.00	11,600.00
Senior Design Technician	10.00	95.00	950.00
Administrative	6.00	65.00	390.00
<b>Total Labor</b>	<b>350.00</b>		<b>36,765.00</b>

**Consultants**

Geotechnical and Environmental Consultan		275.00	
<b>Total Consultants</b>		<b>275.00</b>	<b>275.00</b>

**Reimbursable Expenses**

Communications-PR		114.31	
<b>Total Reimbursables</b>		<b>114.31</b>	<b>114.31</b>

**Unit Billing**

Mileage		221.17	
Mileage		264.78	
Mileage		21.36	
Mileage		178.00	
Mileage		22.25	
Mileage		247.87	
Mileage		71.20	
Mileage		249.20	
Blueprints 24X36		4.80	
<b>Total Units</b>		<b>1,280.63</b>	<b>1,280.63</b>

**Total this Invoice** **\$38,434.94**

Handwritten initials and a circled '2' are present next to the total invoice amount.

Project

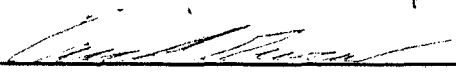
U0785

Utilities Sandalhaven-CharlotteCt. lift

Invoice 48822

---

CPH Engineers, Inc.



---

---

Invoice

RECEIVED

JUN 29 2006

UTILITIES, INC.



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

June 20, 2006  
Project No: U0785 / 49226  
Invoice No: 49226

W/BOOK

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
**Professional Services through May 28, 2006**

Fee

Total Fee	104,055.00	Total Earned	74,840.73
Percent Complete	71.9242	Previous Fee Billing	38,434.94
		Current Fee Billing	36,405.79
		<b>Total Fee</b>	<b>36,405.79</b>

Total this Invoice **\$36,405.79**

Outstanding Invoices

Number	Date	Balance
48822	05/28/06	38,434.94
<b>Total</b>		<b>38,434.94</b>

Total Now Due \$74,840.73

CPH Engineers, Inc.

*[Signature]*



Invoice



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

RECEIVED

JUN 28 2006

June 21, 2006

Project No: A2101.00/49291  
Invoice No: 49291

UTILITIES, INC.

Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Reimbursement for Application Fees Paid on Behalf of Client: Sandalhaven Lift Station/FL Interconnect

Reimbursable Expenses

App. Fees Paid for Client

05/25/06 FDEP	U0785 General Permit	250.00	
05/25/06 FDEP	U0785 General Permit	250.00	
<b>Total Reimbursables</b>		<b>500.00</b>	<b>500.00</b>

**Total this Invoice \$500.00**

**Application fees advanced on behalf of Client are not included in our scope of services and are considered "extra" to the engineering fee. Said fees have been advanced as a courtesy to the Client and to expedite processing of the specific request. Please reimburse promptly.**

*115.00 - 201.0*

CPH Engineers, Inc.

David A. Gruch /cp

CPH ENGINEERS, INC  
PHONE 386-736-4142  
101 N WOODLAND BLVD SUITE 100  
DELAND, FL 32720

REDACTED

1531

83-943/631  
BRANCH 97403

Date 5/4/06



Pay to the  
Order of

FDEP

\$ 250<sup>00</sup>

Two hundred fifty and 00/100

Dollars



South  
Trust  
Bank  
FL

SouthTrust  
Bank  
Deland, FL

For

General permit U0785

⑈00153⑈

Patricia M. Cotton

01481400 BLUE MARBLE 2006

CITY ENGINEERS, INC  
PHONE 386-736-4142  
101 N WOODLAND BLVD SUITE 100  
DELAND, FL 32720

1032

REDACTED

63-943/831  
BRANCH 97400

Date 5/4/06

P

ay to the  
Order of

FDEP

\$ 250<sup>00</sup>

Two hundred fifty and no/100

Dollars



Security  
Feature  
Details  
Back

SouthTrust  
Bank  
Deland, FL

For

General permit U0785

⑈001532⑈

Patricia M. Cotton

CHARLAND BELIE MARBLE 2006

10517

25175

2 (CP)

ENTERED  
AUG 16 1950

**Invoice**



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

JUL 27 2006

July 19, 2006  
Project No: U0785  
Invoice No: 49859

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
**Professional Services through June 25, 2006**

**Fee**

Total Fee	104,055.00	Total Earned	104,055.00
Percent Complete	100.00	Previous Fee Billing	74,840.73
		Current Fee Billing	29,214.27
		<b>Total Fee</b>	<b>29,214.27</b>

Total this Invoice **\$29,214.27**

**Outstanding Invoices**

Number	Date	Balance
48822	05/28/06	38,434.94
49226	06/20/06	36,405.79
<b>Total</b>		<b>74,840.73</b>

Total Now Due **\$104,055.00**

CPH Engineers, Inc.

*[Signature]*

*153-4110-05 05 2005*

*JW*

2 ③ CP

31787

OCT 25 2006

**Invoice**



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

*Rec'd*  
*JTL*

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

October 10, 2006  
Project No: U0785  
Invoice No: 51742

# U0785/51742

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
**Professional Services through September 24, 2006**

**Fee**

Total Fee	138,885.00		
Percent Complete	91.966	Total Earned	127,726.98
		Previous Fee Billing	104,055.00
		Current Fee Billing	23,671.98
		<b>Total Fee</b>	<b>23,671.98</b>
		<b>Total this Invoice</b>	<b>\$23,671.98</b>

CPH Engineers, Inc.

*[Signature]*

*[Faint handwritten notes]*

**Invoice**

*J.M. [unclear]*



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

September 29, 2006

Project No: A2101.00  
Invoice No: 51572

*# A2101-00/51572*

Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Reimbursement for Application Fees Paid on Behalf of Client: Sandalhaven Lift Station/FM Interconnect

**Reimbursable Expenses**

App.Fees Paid for Client

08/16/06	FL Dept. of Environmental Protection	U0785 Environmental Resource Permit	300.00	
09/20/06	FL Dept. of Environmental Protection	U0785 FDEP-Env Resource Permit	100.00	
	<b>Total Reimbursables</b>		<b>400.00</b>	<b>400.00</b>
		<b>Total this Invoice</b>		<b>\$400.00</b>

**Application fees advanced on behalf of Client are not included in our scope of services and are considered "extra" to the engineering fee. Said fees have been advanced as a courtesy to the Client and to expedite processing of the specific request. Please reimburse promptly.**

*103 07/13 - 113 00 05 - 20105*

*[Handwritten mark]*

CPH Engineers, Inc.

*David A. Gierach / CPH*



CPH ENGINEERS, INC  
PHONE 386-736-4142  
101 N WOODLAND BLVD SUITE 100  
DELAND, FL 32720

U0785 1547

REDACTED

63-943/631  
BRANCH 97403

Date 7/27/06



ay to the FDEP  
Order of

\$ 300<sup>00</sup>

Three hundred and no/100

Dollars



Security Features  
Deposits in  
Black

01040LAND BLUE MARBLE XMB



For: U0785 Environmental Resource Permit

Patricia M. Cotton

⑈00 654 7⑈

CPH ENGINEERS, INC  
PHONE 386-736-4142  
101 N WOODLAND BLVD SUITE 100  
DELAND, FL 32720

REDACTED

1551

63-943/631  
BRANCH 97403

Date 8/14/06



ay to the Order of FDEP

\$ 100<sup>00</sup>

One hundred and no/100

Dollars



© WOODLAND BLUE MARBLE 2006



For 10785 Environmental Resource Permit Patricia M. Cotton MP

⑈001551⑈

**Invoice**



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

December 15, 2006  
Project No: U0775  
Invoice No: 53196

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

#37333

**Sandalhaven WWTF Expansion**  
**Professional Services through November 19, 2006**

**Fee**

Total Fee	162,290.00		
Percent Complete	98.9438	Total Earned	160,575.89
		Previous Fee Billing	158,975.71
		Current Fee Billing	1,600.18
		<b>Total Fee</b>	<b>1,600.18</b>

**Total this Invoice \$1,600.18**

pd 1/9/07 # 609150

CPH Engineers, Inc.

**Invoice**



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

December 15, 2006  
Project No: U0785  
Invoice No: 53198

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

#37333

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
Professional Services through November 19, 2006

**Fee**

Total Fee	138,885.00		
Percent Complete	100.00	Total Earned	138,885.00
		Previous Fee Billing	130,122.47
		Current Fee Billing	8,762.53
		<b>Total Fee</b>	<b>8,762.53</b>
		<b>Total this Invoice</b>	<b>\$8,762.53</b>

**Outstanding Invoices**

Number	Date	Balance
52606	11/15/06	2,395.49
<b>Total</b>		<b>2,395.49</b>

pd 1/9/07 #609150

**Total Now Due \$11,158.02**

CPH Engineers, Inc.

CP

35298

ENTERED  
DEC 19 1965

**Invoice**

RECEIVED  
NOV 20 2006



CPH Engineers, Inc.  
P.O. Box 2808  
Sanford, FL 32772-2808  
Phone: 407.322.6841  
Fax: 407.330.0639

November 15, 2006  
Project No: U0785  
Invoice No: 52606

Patrick Flynn  
Utilities, Inc.  
200 Wethersfield Ave.  
Altamonte Springs, FL 32714

Sandalhaven Lift Station/FM Interconnect  
Design and permitting of a lift station and force main.  
Professional Services through October 22, 2006

**Fee**

Total Fee	138,885.00		
Percent Complete	93.6908	Total Earned	130,122.47
		Previous Fee Billing	127,726.98
		Current Fee Billing	2,395.49
		<b>Total Fee</b>	<b>2,395.49</b>

**Total this Invoice**

**\$2,395.49**

CPH Engineers, Inc.

*[Signature]*

103-01270-11 - 010-00-2-31-00

CP

12317  
25173

ENTERED  
AUG 16 2006

WMS

# APPLICATION FOR PAYMENT NO. 1

To: Utilities Inc. of Sandalhaven  
 Contract for: Sandalhaven Master Lift Station and Force Main  
 Owner's Project No. \_\_\_\_\_ Engineer's Project No. \_\_\_\_\_  
 For work accomplished through the date of: 07/25/2006

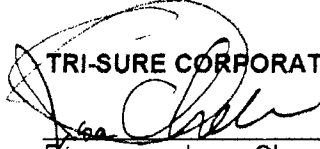
Item	Contractor's Schedule of Values		Work Completed	
	Unit Price	Quantity	Amount	Quantity Amount
Total (Original Contract)				\$2,697,576.00
<b>Total contract amount</b>				<b>\$2,697,576.00</b>

Accompanying Documentation:	Gross amount due	\$298,318.00
_____	Less retainage	(\$29,831.80)
_____	Amount due to date	\$268,486.20
_____	Less previous payments	\$0.00
_____	Amount due this application	\$268,486.20

### Contractor's Certification:

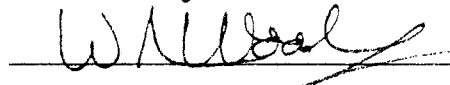
The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of work done under the contract referred to above have been applied to discharge in full obligations of Contractor incurred in connection with work covered by prior Applications for Payment numbered 1 through 1 inclusive; and (2) title to all materials and equipment incorporated in said work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

Dated: 07/25/2006

  
**TRI-SURE CORPORATION**  
 By: Jason Chambers, Vice President

Payment of the above amount due this application is recommended.

Dated: 7/27/06

CA+ ENGINEERS, INC.  
 Engineer  
 By: 

\*PAY REQUEST NO. 1 IS FOR STORED MATERIALS ONLY  
 PVC - 2,200 LF  
 HDPE - 12,600 LF

TW

8



CP

2347  
28473

ENTERED  
SEP 20 2005

## APPLICATION FOR PAYMENT NO. 2

To: Utilities Inc. of Sandalhaven  
 Contract for: Sandalhaven Master Lift Station and Force Main  
 Owner's Project No. \_\_\_\_\_ Engineer's Project No. 60785  
 For work accomplished through the date of: 08/25/2006

*(PMT 2 - 11/10/06)*

Item	Contractor's Schedule of Values		Work Completed	
	Unit Price	Quantity	Amount	Quantity
Total (Original Contract)			<u>\$504,468.00</u>	\$2,697,576.00
<b>Total contract amount</b>				<b>\$2,697,576.00</b>

Accompanying Documentation:	Gross amount due	\$858,838.00
_____	Less retainage	(\$85,883.80)
_____	Amount due to date	\$772,954.20
_____	Less previous payments	(\$268,486.20)
_____	Amount due this application	<u>\$504,468.00</u>

**Contractor's Certification:**

*(Signature)*

The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of work done under the contract referred to above have been applied to discharge in full obligations of Contractor incurred in connection with work covered by prior Applications for Payment numbered 1 through 2 inclusive; and (2) title to all materials and equipment incorporated in said work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

*g TW  
6/29/06  
9/12/06*

Dated: 08/24/2006

**TRI-SURE CORPORATION**  
*(Signature)*  
 By: \_\_\_\_\_  
 Jason Chambers, Vice President

Payment of the above amount due this application is recommended.

Dated: 9/1/06

**CPT ENGINEERS, INC.**  
 Engineer  
*(Signature)*  
 By: \_\_\_\_\_

**SCHEDULE OF VALUES**

Estimate: #2  
 Project: Sandalhaven Lift Station and Force Main

Period: 08/25/2006  
 Contractor: Tri-Sure Corporation  
 P. O. Box 653  
 Auburndale, FL 33823

Engineer: CPH Engineers, Inc. (Steve Romano/Wade Wood)  
 Main Street Center, 101 N. Woodland Blvd., Suite 600  
 Deland, FL 32720

A	B	C	C1	C2	C3	D	E		F	G	H	J	K			
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Work Completed							Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
						Quantity Previously Installed	Value Previously Installed	Quantity Completed this period	Value Completed this period	Quantity Completed To date	Value Completed To date					
1	Mobilization	145,000.00	1	LS	145,000.00		0.00	1	145,000.00	1	145,000.00		145,000.00	0.00	14,500.00	
2	Bonds, Ins. Indemn.	80,000.00	1	LS	80,000.00		0.00	1	80,000.00	1	80,000.00		80,000.00	0.00	8,000.00	
3	Surety and Stakeout	20,000.00	1	LS	20,000.00		0.00	0.25	5,000.00	0.25	5,000.00		5,000.00	15,000.00	500.00	
4	12" PVC Force Main (DR-18)	174,856.00	2200	LF	79.48		0.00	2200	174,856.00	2200	174,856.00		174,856.00	0.00	17,485.60	
5	12" HDPE DR-11 Directional bore	1,573,000.00	14300	LF	110.00		0.00	1000	110,000.00	1000	110,000.00	240,004.00	350,004.00	1,222,996.00	35,000.40	
6	12" HDPE MJ Adapters	20,000.00	50	EA	400.00		0.00	2	800.00	2	800.00		800.00	19,200.00	80.00	
7	12" MJ Solid sleeves	30,000.00	50	EA	600.00		0.00	1	600.00	1	600.00		600.00	29,400.00	60.00	
8	12" MJ Plug Valve	62,700.00	19	EA	3,300.00		0.00	4	13,200.00	4	13,200.00		13,200.00	49,500.00	1,320.00	
9	12" x 2" A/Release Valve & Vault	30,100.00	7	EA	4,300.00		0.00	1	4,300.00	1	4,300.00		4,300.00	25,800.00	430.00	
10	12" MJ Fittings	15,000.00	2	TN	7,500.00		0.00	0.5	3,750.00	0.5	3,750.00		3,750.00	11,250.00	375.00	
	<b>Subtotal</b>	<b>2,150,656.00</b>					<b>0.00</b>		<b>537,506.00</b>		<b>537,506.00</b>	<b>240,004.00</b>	<b>777,510.00</b>	<b>1,373,146.00</b>	<b>77,751.00</b>	
12	<b>Lift Station</b>															
12a	Site Preparation	3,500.00	1	LS	3,500.00		0.00	1	3,500.00	1	3,500.00		3,500.00	0.00	350.00	
12b	Wet Well (tremie/caisson install)	139,920.00	22	FT	6,360.00		0.00	12	76,320.00	12	76,320.00		76,320.00	63,600.00	7,632.00	
12c	Manhole (tremie/caisson install) to include Cape Haze	74,992.00	16	FT	4,687.00		0.00	0	0.00	0	0.00		0.00	74,992.00	0.00	
12d	Valves, Fittings & Appurtenances	35,000.00	1	LS	35,000.00		0.00	0	0.00	0	0.00		0.00	35,000.00	0.00	
12e	Automatic Transfer Switch	14,000.00	1	LS	14,000.00		0.00	0	0.00	0	0.00		0.00	14,000.00	0.00	

**SCHEDULE OF VALUES**

**Estimate: #2**  
**Project: Sandalhaven Lift Station and Force Main**

**Period: 08/25/2006**  
**Contractor: Tri-Sure Corporation**  
 P. O. Box 653  
 Auburndale, FL 33823

**Engineer: CPH Engineers, Inc.(Steve Romano/Wade Wood)**  
**Main Street Center, 101 N. Woodland Blvd., Suite 600**  
**Deland, FL 32720**

A	B	C	C1	C2	C3	D	E				F	G	H	J	K
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Quantity Previously Installed	Value Previously Installed	Work Completed		Quantity Completed To date	Value Completed To date	Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
								Quantity Completed this period	Value Completed this period						
12f	Generator (with diesel fuel)	79,000.00	1	LS	79,000.00		0.00	0	0.00	0	0.00		0.00	79,000.00	0.00
12g	Pumps, Control Panels & Hatches	100,000.00	1	LS	100,000.00		0.00	0	0.00	0	0.00		0.00	100,000.00	0.00
12h	Electrical	12,000.00	1	LS	12,000.00		0.00	0	0.00	0	0.00		0.00	12,000.00	0.00
12i	Concrete Driveway & Pads	10,000.00	1	LS	10,000.00		0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
12j	Landscaping, Sod & Restoration	5,000.00	1	LS	5,000.00		0.00	0	0.00	0	0.00		0.00	5,000.00	0.00
12k	Fencing	6,500.00	1	LS	6,500.00		0.00	0	0.00	0	0.00		0.00	6,500.00	0.00
13	Pipeline Connections & Restoration	30,000.00	1	LS	30,000.00		0.00	0.05	1,500.00	0.05	1,500.00		1,500.00	28,500.00	150.00
14	Pressure Testing	27,000.00	18000	LF	1.50		0.00	0	0.00	0	0.00		0.00	27,000.00	0.00
15	As built record drawings	10,000.00	1	LS	10,000.00		0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
16	Correction total for Item 12c	8.00	1	LS	8.00		0.00	1	8.00	1	8.00		8.00	0.00	0.80
	<b>Subtotal</b>	<b>546,920.00</b>					<b>0.00</b>		<b>81,328.00</b>		<b>81,328.00</b>	<b>0.00</b>	<b>81,328.00</b>	<b>465,592.00</b>	<b>8,132.80</b>
	<b>Total</b>	<b>2,697,576.00</b>					<b>0.00</b>		<b>618,834.00</b>		<b>618,834.00</b>	<b>240,004.00</b>	<b>858,838.00</b>	<b>1,838,738.00</b>	<b>85,883.80</b>

CP

31786

OCT 25 2006

**APPLICATION FOR PAYMENT NO. 3**

UTL, INC.

To: Utilities Inc. of Sandalhaven  
 Contract for: Sandalhaven Master Lift Station and Force Main  
 Owner's Project No. \_\_\_\_\_ Engineer's Project No. \_\_\_\_\_  
 For work accomplished through the date of: 09/29/2006

Item	Contractor's Schedule of Values		Work Completed		
	Unit Price	Quantity	Amount	Quantity	Amount
Total (Original Contract)					\$2,697,576.00
<b>Total contract amount</b>				<u>20146</u>	<b>\$2,697,576.00</b>

Accompanying Documentation:	Gross amount due	\$1,396,711.32
_____	Less retainage	(\$139,671.13)
_____	Amount due to date	\$1,257,040.19
_____	Less previous payments	(\$772,954.20)
_____	Amount due this application	<u>\$484,085.99</u>

TW  
9/16/06

**Contractor's Certification:**

The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of work done under the contract referred to above have been applied to discharge in full obligations of Contractor incurred in connection with work covered by prior Applications for Payment numbered 1 through 3 inclusive; and (2) title to all materials and equipment incorporated in said work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

CB

Dated: 09/28/2006

**TRI-SURE CORPORATION**

By: Jason Chambers, Vice President

Payment of the above amount due this application is recommended.

Dated: 10/9/06

CPH ENGINEERS, INC.  
Engineer

By: W. Wood

**SCHEDULE OF VALUES**

Estimate: #3  
 Project: Sandalhaven Lift Station and Force Main

Period: 09/29/2006  
 Contractor: Tri-Sure Corporation  
 P. O. Box 653  
 Auburndale, FL 33823

Engineer: CPH Engineers, Inc.(Steve Romano/Wade Wood)  
 Main Street Center, 101 N. Woodland Blvd., Suite 600  
 Deland, FL 32720

A	B	C	C1	C2	C3	D	E				F	G	H	J	K
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Quantity Previously Installed	Value Previously Installed	Work Completed		Quantity Completed To date	Value Completed To date	Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
								Quantity Completed this period	Value Completed this period						
1	Mobilization	145,000.00	1	LS	145,000.00	1	145,000.00	0	0.00	1	145,000.00		145,000.00	0.00	14,500.00
2	Bonds, Ins. Indemn.	80,000.00	1	LS	80,000.00	1	80,000.00	0	0.00	1	80,000.00		80,000.00	0.00	8,000.00
3	Survey and Stakeout	20,000.00	1	LS	20,000.00	0.25	5,000.00	0.25	5,000.00	0.5	10,000.00		10,000.00	10,000.00	1,000.00
4	12" PVC Force Main (DR-18)	174,856.00	2200	LF	79.48	2200	174,856.00	0	0.00	2200	174,856.00		174,856.00	0.00	17,485.60
5	12" HDPE DR-11 Directional bore	1,573,000.00	14300	LF	110.00	1000	110,000.00	5372	590,920.00	6372	700,920.00	128,857.32	829,777.32	743,222.68	82,977.73
6	12" HDPE MJ Adapters	20,000.00	50	EA	400.00	2	800.00	18	7,200.00	20	8,000.00		8,000.00	12,000.00	800.00
7	12" MJ Solid sleeves	30,000.00	50	EA	600.00	1	600.00	5	3,000.00	6	3,600.00		3,600.00	26,400.00	360.00
8	12" MJ Plug Valve	62,700.00	19	EA	3,300.00	4	13,200.00	5	16,500.00	9	29,700.00		29,700.00	33,000.00	2,970.00
9	12" x 2" A/Release Valve & Vault	30,100.00	7	EA	4,300.00	1	4,300.00	3	12,900.00	4	17,200.00		17,200.00	12,900.00	1,720.00
10	12" MJ Fittings	15,000.00	2	TN	7,500.00	0.5	3,750.00	0	0.00	0.5	3,750.00		3,750.00	11,250.00	375.00
	<b>Subtotal</b>	<b>2,160,656.00</b>					<b>537,506.00</b>		<b>635,520.00</b>		<b>1,173,026.00</b>	<b>128,857.32</b>	<b>1,301,883.32</b>	<b>848,772.68</b>	<b>130,188.33</b>
12	<b>Lift Station</b>														
12a	Site Preparation	3,500.00	1	LS	3,500.00	1	3,500.00	0	0.00	1	3,500.00		3,500.00	0.00	350.00
12b	Wet Well (tremie/caisson install)	139,920.00	22	FT	6,360.00	12	76,320.00	0	0.00	12	76,320.00		76,320.00	63,600.00	7,632.00
12c	Manhole (tremie/caisson install) to include Cape Haze	74,992.00	16	FT	4,687.00	0	0.00	0	0.00	0	0.00		0.00	74,992.00	0.00
12d	Valves, Fittings & Appurtenances	35,000.00	1	LS	35,000.00	0	0.00	0	0.00	0	0.00		0.00	35,000.00	0.00
12e	Automatic Transfer Switch	14,000.00	1	LS	14,000.00	0	0.00	0	0.00	0	0.00		0.00	14,000.00	0.00

SCHEDULE OF VALUES

Estimate: #3  
 Project: Sandalhaven Lift Station and Force Main

Period: 09/29/2006  
 Contractor: Tri-Sure Corporation  
 P. O. Box 653  
 Auburndale, FL 33823

Engineer: CPH Engineers, Inc.(Steve Romano/Wade Wood)  
 Main Street Center, 101 N. Woodland Blvd., Suite 600  
 Deland, FL 32720

A	B	C	C1	C2	C3	D	E		F	G	H	J	K		
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Quantity Previously Installed	Value Previously Installed	Quantity Completed this period	Value Completed this period	Quantity Completed To date	Value Completed To date	Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
12f	Generator (with diesel fuel)	79,000.00	1	LS	79,000.00	0	0.00	0	0.00	0	0.00		0.00	79,000.00	0.00
12g	Pumps, Control Panels & Hatches	100,000.00	1	LS	100,000.00	0	0.00	0	0.00	0	0.00		0.00	100,000.00	0.00
12h	Electrical	12,000.00	1	LS	12,000.00	0	0.00	0	0.00	0	0.00		0.00	12,000.00	0.00
12i	Concrete Driveway & Pads	10,000.00	1	LS	10,000.00	0	0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
12j	Landscaping, Sod & Restoration	5,000.00	1	LS	5,000.00	0	0.00	0	0.00	0	0.00		0.00	5,000.00	0.00
12k	Fencing	6,500.00	1	LS	6,500.00	0	0.00	0	0.00	0	0.00		0.00	6,500.00	0.00
13	Pipeline Connections & Restoration	30,000.00	1	LS	30,000.00	0.05	1,500.00	0.45	13,500.00	0.5	15,000.00		15,000.00	15,000.00	1,500.00
14	Pressure Testing	27,000.00	18000	LF	1.50	0	0.00	0	0.00	0	0.00		0.00	27,000.00	0.00
15	As built record drawings	10,000.00	1	LS	10,000.00	0	0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
16	Correction total for Item 12c	8.00	1	LS	8.00	1	8.00	0	0.00	1	8.00		8.00	0.00	0.80
	<b>Subtotal</b>	<b>546,920.00</b>					<b>81,328.00</b>		<b>13,500.00</b>		<b>94,828.00</b>	<b>0.00</b>	<b>94,828.00</b>	<b>452,092.00</b>	<b>9,482.80</b>
	<b>Total</b>	<b>2,697,576.00</b>					<b>618,834.00</b>		<b>649,020.00</b>		<b>1,267,854.00</b>	<b>128,857.32</b>	<b>1,396,711.32</b>	<b>1,300,864.68</b>	<b>139,671.13</b>



CP

31788

OCT 25 2006

V19632

**Croy Development Services, INC.**

Henry E. Croy, Owner  
P.O. Box 510031  
Punta Gorda, FL 33951-0031  
(941) 637-8889  
FAX (941) 637 8670

**STATEMENT**

INVOICE NO.1

9/29/2006

TO:

Utilities, Inc.  
200 Weathersfield Avenue  
Altamonte Springs, FL.32714  
Office: (407) 869-1919  
Fax: ( 407) 869-6961

SERVICES					
DESCRIPTION	DATE	HOURS	RATE	AMOUNT	

Inspection Cape Haze Master lift station	8/24-9/29	31.5 @	\$45.00	\$1,413.00	
--	-----------	--------	---------	------------	--

<b>TOTAL</b>				<b>\$1,413.00</b>	
<i>Please pay this amount:</i>				<b>\$1,413.00</b>	

103-0690-116-06-05-20146

2  
TW  
10/10/06

33761

ENTERED  
NOV 16 2006

RECEIVED

APPLICATION FOR PAYMENT NO. 4

UTILITIES, INC.

To: Utilities Inc. of Sandalhaven
Contract for: Sandalhaven Master Lift Station and Force Main
Owner's Project No. Engineer's Project No. 00785
For work accomplished through the date of: 10/27/2006

Table with 5 columns: Item, Unit Price, Quantity, Amount, Work Completed (Quantity, Amount). Rows include Total (Original Contract) and Total contract amount.

Summary table with 2 columns: Accompanying Documentation and Amount. Rows include Gross amount due, Less retainage, Amount due to date, Less previous payments, and Amount due this application.

Contractor's Certification:

The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of work done under the contract referred to above have been applied to discharge in full obligations of Contractor incurred in connection with work covered by prior Applications for Payment numbered 1 through 4 inclusive; and (2) title to all materials and equipment incorporated in said work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

Dated: 10/27/2006

TRI-SURE CORPORATION

By: Jason Chambers, Vice President

Payment of the above amount due this application is recommended.

Dated: 11/6/06

CPI ENGINEERS, INC.
Engineer

By:

Handwritten signature of the engineer.

**SCHEDULE OF VALUES**

Estimate: #4  
 Project: Sandalhaven Lift Station and Force Main

Period: 10/27/2006  
 Contractor: Tri-Sure Corporation  
 P. O. Box 653  
 Auburndale, FL 33823

Engineer: CPH Engineers, Inc.(Steve Romano/Wade Wood)  
 Main Street Center, 101 N. Woodland Blvd., Suite 600  
 Deland, FL 32720

A	B	C	C1	C2	C3	D	E				F	G	H	J	K
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Quantity Previously Installed	Value Previously Installed	Work Completed		Quantity Completed To date	Value Completed To date	Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
								Quantity Completed this period	Value Completed this period						
1	Mobilization	145,000.00	1	LS	145,000.00	1	145,000.00	0	0.00	1	145,000.00		145,000.00	0.00	14,500.00
2	Bonds, Ins. Indemn.	80,000.00	1	LS	80,000.00	1	80,000.00	0	0.00	1	80,000.00		80,000.00	0.00	8,000.00
3	Survey and Stakeout	20,000.00	1	LS	20,000.00	0.5	10,000.00	0.5	10,000.00	1	20,000.00		20,000.00	0.00	2,000.00
4	12" PVC Force Main (DR-18)	174,858.00	2200	LF	79.48	2200	174,858.00	0	0.00	2200	174,858.00		174,858.00	0.00	17,485.60
5	12" HDPE DR-11 Directional bore	1,573,000.00	14300	LF	110.00	6372	700,920.00	3798	417,780.00	10170	1,118,700.00	50,276.70	1,168,976.70	404,023.30	116,897.67
6	12" HDPE MJ Adapters	20,000.00	50	EA	400.00	20	8,000.00	16	6,400.00	36	14,400.00		14,400.00	5,600.00	1,440.00
7	12" MJ Solid sleeves	30,000.00	50	EA	600.00	6	3,600.00	10	6,000.00	16	9,600.00		9,600.00	20,400.00	960.00
8	12" MJ Plug Valve	62,700.00	19	EA	3,300.00	9	29,700.00	2	6,600.00	11	36,300.00		36,300.00	26,400.00	3,630.00
9	12" x 2" A/Release Valve & Vault	30,100.00	7	EA	4,300.00	4	17,200.00	2	8,600.00	6	25,800.00		25,800.00	4,300.00	2,580.00
10	12" MJ Fittings	15,000.00	2	TN	7,500.00	0.5	3,750.00	0	0.00	0.5	3,750.00		3,750.00	11,250.00	375.00
	<b>Subtotal</b>	<b>2,150,656.00</b>					<b>1,173,026.00</b>		<b>455,380.00</b>		<b>1,628,406.00</b>	<b>50,276.70</b>	<b>1,678,682.70</b>	<b>471,973.30</b>	<b>167,868.27</b>
12	<b>Lift Station</b>														
12a	Site Preparation	3,500.00	1	LS	3,500.00	1	3,500.00	0	0.00	1	3,500.00		3,500.00	0.00	350.00
12b	Wet Well (tremie/caisson install)	139,920.00	22	FT	6,360.00	12	76,320.00	0	0.00	12	76,320.00		76,320.00	63,600.00	7,632.00
12c	Manhole (tremie/caisson install) to include Cape Haze	74,992.00	16	FT	4,687.00	0	0.00	0	0.00	0	0.00		0.00	74,992.00	0.00
12d	Valves, Fittings & Appurtenances	35,000.00	1	LS	35,000.00	0	0.00	0	0.00	0	0.00		0.00	35,000.00	0.00
12e	Automatic Transfer Switch	14,000.00	1	LS	14,000.00	0	0.00	0	0.00	0	0.00		0.00	14,000.00	0.00

SCHEDULE OF VALUES

Estimate: #4  
 Project: Sandalhaven Lift Station and Force Main

Period: 10/27/2006  
 Contractor: Tri-Sure Corporation  
 P. O. Box 653  
 Auburndale, FL 33823

Engineer: CPH Engineers, Inc.(Steve Romano/Wade Wood)  
 Main Street Center, 101 N. Woodland Blvd., Suite 600  
 Deland, FL 32720

A	B	C	C1	C2	C3	D	E		F	G	H	J	K		
Item #	Description	Scheduled Value	Quantity	Unit	Unit Price	Quantity Previously Installed	Value Previously Installed	Work Completed		Quantity Completed To date	Value Completed To date	Materials Presently Stored	Total Stored and completed to date	Balance To finish	Total Retainage to date
								Quantity Completed this period	Value Completed this period						
12f	Generator (with diesel fuel)	79,000.00	1	LS	79,000.00	0	0.00	0	0.00	0	0.00		0.00	79,000.00	0.00
12g	Pumps, Control Panels & Hatches	100,000.00	1	LS	100,000.00	0	0.00	0	0.00	0	0.00		0.00	100,000.00	0.00
12h	Electrical	12,000.00	1	LS	12,000.00	0	0.00	0	0.00	0	0.00		0.00	12,000.00	0.00
12i	Concrete Driveway & Pads	10,000.00	1	LS	10,000.00	0	0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
12j	Landscaping, Sod & Restoration	5,000.00	1	LS	5,000.00	0	0.00	0	0.00	0	0.00		0.00	5,000.00	0.00
12k	Fencing	6,500.00	1	LS	6,500.00	0	0.00	0	0.00	0	0.00		0.00	6,500.00	0.00
13	Pipeline Connections & Restoration	30,000.00	1	LS	30,000.00	0.5	15,000.00	0.3	9,000.00	0.8	24,000.00		24,000.00	6,000.00	2,400.00
14	Pressure Testing	27,000.00	18000	LF	1.50	0	0.00	0	0.00	0	0.00		0.00	27,000.00	0.00
15	As built record drawings	10,000.00	1	LS	10,000.00	0	0.00	0	0.00	0	0.00		0.00	10,000.00	0.00
16	Correction total for Item 12c	8.00	1	LS	8.00	1	8.00	0	0.00	1	8.00		8.00	0.00	0.80
<b>Subtotal</b>		<b>546,920.00</b>					<b>94,828.00</b>		<b>9,000.00</b>		<b>103,828.00</b>	<b>0.00</b>	<b>103,828.00</b>	<b>443,092.00</b>	<b>10,382.80</b>
<b>Total</b>		<b>2,697,576.00</b>					<b>1,267,854.00</b>		<b>464,380.00</b>		<b>1,732,234.00</b>	<b>50,276.70</b>	<b>1,782,510.70</b>	<b>915,065.30</b>	<b>178,251.07</b>

ACP

35971

ENTERED  
DEC 13 1961

V132

# STATEMENT

## Croy Development Services, INC.

Henry E. Croy, Owner  
P.O. Box 510031  
Punta Gorda, FL 33951-0031  
(941) 637-8889  
FAX (941) 637 8670

11/30/2006

INVOICE NO.2

TO:

Utilities, Inc.  
200 Weathersfield Avenue  
Altamonte Springs, FL.32714  
Office: (407) 869-1919  
Fax: ( 407) 869-6961

SERVICES				
DESCRIPTION	DATE	HOURS	RATE	AMOUNT

Inspection Cape Haze Master lift station	9/30-11/29	39.5 @	\$45.00	\$1,777.50
--	------------	--------	---------	------------

<b>TOTAL</b>				<b>\$1,777.50</b>
<i>Please pay this amount:</i>				<b>\$1,777.50</b>

TW  
B



MOON

Invoice  
goes here.

38078  
38078

copy from  
office  
JPA

V 1112

### APPLICATION FOR PAYMENT NO. 5

To: Utilities Inc. of Sandalhaven  
 Contract for: Sandalhaven Master Lift Station and Force Main  
 Owner's Project No. \_\_\_\_\_ Engineer's Project No. \_\_\_\_\_  
 For work accomplished through the date of: 11/30/2006

Item	Unit Price	Contractor's Schedule of Values		Work Completed	
		Quantity	Amount	Quantity	Amount
Total (Original Contract)					\$2,697,576.00
Change Order #1					<del>-\$402,928.00</del>
<b>Total contract amount</b>					<b>\$2,800,104.00</b>

*Process Payment of  
343,111.77*

Accompanying Documentation:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Gross amount due \_\_\_\_\_  
 Less retainage \_\_\_\_\_  
 Amount due to date \_\_\_\_\_  
 Less previous payments \_\_\_\_\_  
 Amount due this application \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

103-0690-116-06-05-20146

343,111.77  
2

#### Contractor's Certification:

The undersigned Contractor certifies that (1) all previous progress payments received from Owner on account of work done under the contract referred to above have been applied to discharge in full obligations of Contractor incurred in connection with work covered by prior Applications for Payment numbered 1 through 5 inclusive; and (2) title to all materials and equipment incorporated in said work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

*12/13/07*  
*B*

Dated: 11/30/2006

**TRI-SURE CORPORATION**  
*Jason Chambers*  
 By: \_\_\_\_\_  
 Jason Chambers, Vice President

Payment of the above amount due this application is recommended.

Dated: 12/14/06

*[Signature]*  
 \_\_\_\_\_  
 Engineer

**UTILITIES, INC. OF FLORIDA**

AND AFFILIATED COMPANIES  
200 WEATHERSFIELD AVENUE  
ALTAMONTE SPRINGS, FLORIDA 32714

CORPORATE OFFICES:  
2335 Sanders Road  
Northbrook, Illinois 60062  
Telephone: 847-498-6440

Telephone: 407-869-1919  
Florida: 800-272-1919  
Fax: 407-869-6961  
[florida@ulwater.com](mailto:florida@ulwater.com)

**Fax Transmittal**

<b>Attn:</b> Nancy Luppino	<b>Date:</b> 2/22/2007 11:37 AM
<b>Company:</b>	<b>Fax #:</b>
<b>From:</b> Ferri Trovinger	<b>Pages:</b> 2 including this cover page
<b>Subject:</b> Tri-Sure Invoice #5	

- |                                       |  |   |                                       |           |  |
|---------------------------------------|--|---|---------------------------------------|-----------|--|
| <input type="checkbox"/> URGENT       | <input type="checkbox"/> For Your Review | <input type="checkbox"/> For your Information | <input type="checkbox"/> Please Reply | Original: | <input type="checkbox"/> will not be sent    |
| <input type="checkbox"/> As Requested | <input type="checkbox"/> Please Comment  |   |                                       |           | <input type="checkbox"/> via Federal Express |



**Messages:**

Hi Nancy,  
Here is the invoice you are looking for.  
Hope it helps,  
Ferri

The information contained in this facsimile may be privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this facsimile is not the intended recipient, you are hereby notified that any dissemination, distribution, or copy of this communication is strictly prohibited. If you have received this communication in error, please notify us by phoning the number listed above. Thank You.



# Project Request

Florida FL C103 0690 3948  
Region State Co# Sub# ID #

Priority Level: 2 - Contractual

Project Created: 02/15/06

Related to ID #: 3875

Project Name: **Survey and Route Selection for Master Lift Station Force Main**

Company: **Utilities, Inc of Sandalhaven**

Expenses to Start: **02/16/2006**

System: **Utilities, Inc of Sandalhaven**

Expenses to End: **05/31/2006**

Service(s):  Water  Sewer  Water & Sewer  Reuse  Other...

Benefits Category:  Regulatory Requirement  Expand Capacity  Ongoing Maintenance  
 Improve Service  Provide New Service  Other (explain below)  
 Cost Reduction  Improve Safety

## Estimated Costs by Component

WO#: 103-0690-116-06-04

PO#: \_\_\_\_\_ GL#: \_\_\_\_\_

Component(s)	Component Description	Original Estimate	Asset Designation
20002	Capitalized Time	\$3,540.00	<input type="radio"/> New Asset(s) <input type="radio"/> Upgrading Asset(s) <input type="radio"/> Repairing Asset(s) <input type="radio"/> Replacing Asset(s)  If replacing existing equipment, when (year) was the original asset placed in service? _____
20003	IDC	\$1,867.00	
20936	Surveying	\$98,500.00	

Cap Plan Estimate: \$98,500.00 **Estimate Totals:** \$103,907.00

Capitalized Time Estimate: 120 Hours Total # of Customers: 981 # of Affected Customers: \_\_\_\_\_ Cost per Customer: \$105.92

Annual Offset In Expenses: \_\_\_\_\_

## Signature Authority & Approvals

Submitted by: **Tony Wierzbicki** Title: Project Manager Date: 02/21/06

\$5,000 - \$50,000 **Patrick Flynn** Regional Director Date: 02/22/06

\$50,001 - \$250,000 **John Hoy** Regional VP of Operations Date: 02/22/06

\$250,001 - \$500,000 **Lisa Crossett** Chief Operations Office Date: 02/22/06

Over \$500,000 \_\_\_\_\_ Chief Executive Officer Date: \_\_\_\_\_



# Project Request

Florida FL C103 0690 3948  
Region State Co# Sub# ID #

Priority Level: 2 - Contractual

Project Created: 02/15/06

Related to ID #: 3875

Project Name: **Survey and Route Selection for Master Lift Station Force Main**

Company: **Utilities, Inc of Sandalhaven**

Expenses to Start: **02/16/2006**

System: **Utilities, Inc of Sandalhaven**

Expenses to End: **05/31/2006**



**Attachment(s) - Ref. # 3948**

- Fax
- QuickMail / Email
- Interoffice Mail
- Hand Delivery

Project Description	Estimate(s) Required	_____
List of System Projects	Timeline Required	_____

### Project Description

See Notes Screen for add'l info

Estimate Total: **\$103,907.00**

- Survey along CR 775 for the potential route the force main will travel from the proposed master lift station to the Englewood WWTP, approximately 17,000 LF.
- Engineering support to select the preferred route.

### Justification & Benefits

In order to expedite the construction of this critical force main, the survey and route selection components were broken out and will be authorized separate from the design, permitting and construction components. The survey will be performed in phases to expedite the design/permitting process. Areas of potential permitting long lead time (waterway and wetland crossings) will be performed initially and submitted to the design engineer so the permit application may be submitted while the remaining portions of the route are still being surveyed and designed.

### Alternatives

#### 1. COMBINE SURVEYING, DESIGN AND PERMITTING IN ONE QUOTE

Since the surveying component needs to be performed regardless of which design firm is chosen, from a time perspective, it makes more sense to bid the surveying separately. Delaying the selection of the survey work until a design firm is chosen only compresses the schedule more and increases the possibility of this project not being completed on time.

#### 2. PERFORM COMPLETE SURVEY IN ONE PHASE

This action will delay the design process by a minimum of 10 weeks. If the critical path areas are surveyed first and submitted to the design engineer, this allows the waterway crossing permit to be submitted in advance of the project design completion. The waterway crossing permits have already been identified as the longest lead time in the permitting process.

### Timing of Project

#### Timeline Required

To be performed in advance of the force main design and permitting tasks. Will take approximately 10 weeks to complete.

### System Information

- Acquisition Date  
03/01/1999



# Project Request

Florida FL C103 0690 3948  
 Region State Co# Sub# ID #

Priority Level: 2 - Contractual

Project Created: 02/15/06

Related to ID #: 3875

Project Name: **Survey and Route Selection for Master Lift Station Force Main**

Company: Utilities, Inc of Sandalhaven

Expenses to Start: 02/16/2006

System: Utilities, Inc of Sandalhaven

Expenses to End: 05/31/2006

● **Facility Update**

Utilities Inc. of Sandalhaven is a sewer only system located in Charlotte County. The wastewater plant is a Davco steel ring plant design consisting of a surge tank, 0.150 MG aeration basin, single clarifier, chlorine contact chamber, digester, two sand filter cells, one lined reuse storage pond and three substandard percolation ponds. Effluent is delivered to the Wildflower G.C. for irrigation use, permitted disposal capacity is 0.100 mgd.

The FDEP Operating permit was relast newed on August 14, 2001. As of 1/31/07, the permit is in the final stages of the renewal process.

Permit-related projects include:

- 8/02 Conversion of Cl2 gas disinfection system to Sodium Hypochlorite.
- 11/02 The rehabilitation of LS#2 & MH rehab.
- 11/01 Install baffles in chlorine contact chamber.
- 11/01 Installation of piping to interconnect perc ponds to improve operational flexibility.

● **Anticipated Growth In Area**

1/17/03 The service area is located on the Gulf Coast of Florida equidistant between Ft. Myers and Sarasota. The area is a prime location for development because it contains undeveloped waterfront property.

Customer growth since the acquisition has totaled 157 accounts in 3 years, primarily in-fill lots plus condo units built before the acquisition date in Talisman Marina. Upcoming development projects include a 48-room Ship's Lantern Hotel on Esther Street; Hacienda Del Mar, a 112-unit condo project on waterfront property; a 73-lot manufactured home project called Pines at Sandalhaven; and service to a reception center and parking lot at Don Pedro State Park. There is also the potential to add customers south of Esther Street that are presently on septic tanks.

● **Rate Case Information**

Last Order Date: 10/99  
 Order Number: PSC-99-2114-PAA-SU  
 Type: S  
 Docket: 981221-SU  
 Test Year: Acquisition

● **List of Other Projects for System - by Project Status**

Sub	Status	Proj ID	Project Name	Date	Estimate	Spent
0690	Placed In Service	1196	Design/Permitting - Sandalhaven WWTP	02/15/05	\$530,600	\$206,418
0690	Placed In Service	3875	Master Lift Station and Force Main	03/15/06	\$2,800,000	\$877,509
0690	Placed In Service	4232	Purchase of 100,000 gpd of Treatment	04/01/06	\$752,000	\$753,373
0690	*Completed	3801	Sandalhaven Lift Station #4 Force Main	12/13/05	\$13,200	\$16,000
0690	*Completed	251	VARIABLE FREQUENCY DRIVE UNITS,	02/06/06	\$35,000	\$31,997
0690	*Completed	3835	Sanitary Sewer I/I Corrections	02/06/06	\$130,000	\$132,585
0690	*Completed	3948	Survey and Route Selection for Master Lift	02/16/06	\$98,500	\$98,147
690	*Completed	9271	Purchase of 200,000 gpd of Treatment	06/01/06	\$1,504,000	
0690	*Completed	4518	Sandalhaven 9033 Bantry Bay Lot # 94 & 95	01/17/07	\$15,000	
0690	Closed	3586	Gasparilla Pines I/I Investigation	09/30/05	\$60,000	\$22,026
690	Capital Planning	9173	Reline 6 lift station wet wells	01/01/07	\$30,000	

**APPROVED**



# Project Request

Florida FL C103 0690 3948  
Region State Co# Sub# ID #

Priority Level: 2 - Contractual

Project Created: 02/15/06

Related to ID #: 3875

Project Name: **Survey and Route Selection for Master Lift Station Force Main**

Company: **Utilities, Inc of Sandalhaven**

Expenses to Start: **02/16/2006**

System: **Utilities, Inc of Sandalhaven**

Expenses to End: **05/31/2006**

690	Proposed	9272	EWD bulk sewer capacity payment	01/01/08
0690	Proposed	253	SH-Install sewer main extensions on Bantry	03/03/08





**Project Details**

Florida FL C103 0690 3948  
 Region State Co# Sub# ID #

Project Name: Survey and Route Selection for Master Lift Station Force Main Current Status: \*Completed  
 Company: Utilities, Inc of Sandalhaven WO/PO#: 103-0690-116-06-04  
 System: Utilities, Inc of Sandalhaven Project Mgr: Tony Wierzbicki

**Project Description**

1. Survey along CR 775 for the potential route the force main will travel from the proposed master lift station to the Englewood WWTP, approximately 17,000 LF.
2. Engineering support to select the preferred route.



**Location**

Sandalhaven service territory, along CR 775 (Placida Road), Englewood, Charlotte County, Florida

**Justification & Benefits**

In order to expedite the construction of this critical force main, the survey and route selection components were broken out and will be authorized separate from the design, permitting and construction components. The survey will be performed in phases to expedite the design/permitting process. Areas of potential permitting long lead time (waterway and wetland crossings) will be performed initially and submitted to the design engineer so the permit application may be submitted while the remaining portions of the route are still being surveyed and designed.

**Alternatives**

1. COMBINE SURVEYING, DESIGN AND PERMITTING IN ONE QUOTE  
 Since the surveying component needs to be performed regardless of which design firm is chosen, from a time perspective, it makes more sense to bid the surveying separately. Delaying the selection of the survey work until a design firm is chosen only compresses the schedule more and increases the possibility of this project not being completed on time.
2. PERFORM COMPLETE SURVEY IN ONE PHASE  
 This action will delay the design process by a minimum of 10 weeks. If the critical path areas are surveyed first and submitted to the design engineer, this allows the waterway crossing permit to be submitted in advance of the project design completion. The waterway crossing permits have already been identified as the longest lead time in the permitting process.

**Project Dates**



Submitted By: Tony Wierzbicki 02/21/06 Approvals: Reg Director --> Patrick Flynn 02/22/06  
 Approved: 02/22/06 Reg VP --> John Hoy 02/22/06  
 Lisa Crossett 02/22/06

**Timing Issues**

To be performed in advance of the force main design and permitting tasks. Will take approximately 10 weeks to complete.

**Estimated Start & Finish Dates**

Start: 02/16/06 In Service: 05/28/06  
 Finish: 05/31/06

Original	Changes	Amended By	Reason for Amending Project Completion Date	Date Amended
Finish:				

**Project Costs**

\*Total spent posted as of: 08/31/06

Component(s) & Description	Orig. Estimate	Amended	Spent to Date	Over/Under	% of Budget
----------------------------	----------------	---------	---------------	------------	-------------



**Project Details**

Florida FL C103 0690 3948  
 Region State Co# Sub# ID #

Project Name: Survey and Route Selection for Master Lift Station Force Main

Current Status: \*Completed

Company: Utilities, Inc of Sandalhaven

WO/PO#: 103-0690-116-06-04

System: Utilities, Inc of Sandalhaven

Project Mgr: Tony Wierzbicki

20002	CAPITALIZED TIME	\$3,540.00	\$855.50	\$2,684.50	24%
20003	IDC	\$1,867.00	\$881.25	\$985.75	47%
20936	SURVEYING	\$98,500.00	\$98,147.00	\$353.00	100%
<b>Totals:</b>		<b>\$103,907.00</b>	<b>\$99,883.75</b>	<b>\$4,023.25</b>	<b>96.13%</b>

**Project Notes**





2 (2) (LP)

011139  
11739

RECEIVED  
FEB 10 1960



Tampa Office  
4350 West Cypress St., Suite 600  
Tampa, Florida 33607

Remit to:  
CH2M HILL, Inc.  
P.O. Box 200991  
Dallas, TX 75320-0991

Utilities Inc. of Sandalhaven  
200 Weathersfield Avenue  
Altamonte Springs, FL 32714

MAR 17 2006

Date: 3/9/2006  
Project No.: 341572  
Client Ref. No.: 113094  
Invoice No.: 3545266  
Period Ending: 2/24/2006

Attn: Tony Wierzbicki

**INVOICE**

**ROUTE PLANNING AND SURVEY SERVICES FOR DESIGN AND CONSTRUCTION OF 17,000 LF SANITARY SEWAGE FORCEMAIN FOR UTILITIES INC. OF SANDALHAVEN.**

Task #	Task Name	Fee Amount	Percent Complete	Amount Earned	Less Previously Billed	Amount Due
1	Survey Administration	\$ 80,877.00	5%	\$ 4,043.85	\$ -	\$ 4,043.85
2	Route Evaluation & Selection	\$ 17,270.00	10%	\$ 1,727.00	\$ -	\$ 1,727.00
	<b>TOTAL</b>	<b>\$ 98,147.00</b>	<b>5.87980%</b>	<b>\$ 5,770.85</b>	<b>\$ -</b>	<b>\$ 5,770.85</b>

**TOTAL DUE THIS INVOICE \$ 5,770.85**

*JH TW*

OUTSTANDING INVOICES:		
DATE	INVOICE #	AMOUNT
	<b>TOTAL:</b>	<b>\$0.00</b>

DUE AND PAYABLE ON RECEIPT OF INVOICE. FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

For questions regarding this invoice, please call Micki Gessner (352) 335-5877 Ext. 2455

015621  
15621

27  
(2) (CP)

ENTERED  
MAY 15 2000



Tampa Office  
4350 West Cypress St., Suite 600  
Tampa, Florida 33607

Remit to:  
CH2M HILL, Inc.  
P.O. Box 200991  
Dallas, TX 75320-0991

RECEIVED

Utilities Inc. of Sandalhaven  
200 Weathersfield Avenue  
Altamonte Springs, FL 32714

APR 27 2006

Date: 4/24/2006  
Project No.: 341572  
Client Ref. No.: 113094  
Invoice No.: 3550866  
Period Ending: 3/31/2006

Attn: Tony Wierzbicki

UTILITIES, INC.

INVOICE

ROUTE PLANNING AND SURVEY SERVICES FOR DESIGN AND CONSTRUCTION OF 17,000 LF SANITARY SEWAGE FORCEMAIN FOR UTILITIES INC. OF SANDALHAVEN.

Task #	Task Name	Fee Amount	Percent Complete	Amount Earned	Less Previously Billed	Amount Due
1	Survey Administration	\$ 80,877.00	35%	\$ 28,306.95	\$ 4,043.85	\$ 24,263.10
2	Route Evaluation & Selection	\$ 17,270.00	85%	\$ 14,679.50	\$ 1,727.00	\$ 12,952.50
	TOTAL	\$ 98,147.00	43.79803%	\$ 42,986.45	\$ 5,770.85	\$ 37,215.60

TOTAL DUE THIS INVOICE \$ 37,215.60

OUTSTANDING INVOICES:		
DATE	INVOICE #	AMOUNT
	TOTAL:	\$0.00

DUE AND PAYABLE ON RECEIPT OF INVOICE. FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

For questions regarding this invoice, please call Micki Gessner (352) 335-5877 Ext 2455

CP

18229

18229

MAY 31 2006





Tampa Office  
 4350 West Cypress St., Suite 600  
 Tampa, Florida 33607

Remit to:  
 CH2M HILL, Inc.  
 P.O. Box 200991  
 Dallas, TX 75320-0991

Utilities Inc. of Sandalhaven  
 200 Weathersfield Avenue  
 Altamonte Springs, FL 32714

Date: 5/11/2006  
 Project No.: 341572  
 Client Ref. No.: 113094  
 Invoice No.: 3553032  
 Period Ending: 4/28/2006

Attn: Tony Wierzbicki

*Handwritten initials: VIK*

**INVOICE**

**ROUTE PLANNING AND SURVEY SERVICES FOR DESIGN AND CONSTRUCTION OF 17,000 LF SANITARY SEWAGE FORCEMAIN FOR UTILITIES INC. OF SANDALHAVEN.**

Task #	Task Name	Fee Amount	Percent Complete	Amount Earned	Less Previously Billed	Amount Due
1	Survey Administration	\$ 80,877.00	80%	\$ 64,701.60	\$ 28,306.95	\$ 36,394.65
2	Route Evaluation & Selection	\$ 17,270.00	95%	\$ 16,406.50	\$ 14,679.50	\$ 1,727.00
	<b>TOTAL</b>	<b>\$ 98,147.00</b>	<b>82.63941%</b>	<b>\$ 81,108.10</b>	<b>\$ 42,986.45</b>	<b>\$ 38,121.65</b>

**TOTAL DUE THIS INVOICE \$ 38,121.65**

*Handwritten circled '2' and initials 'V/K' with a signature.*

OUTSTANDING INVOICES:		
DATE	INVOICE #	AMOUNT
	<b>TOTAL:</b>	<b>\$0.00</b>

DUE AND PAYABLE ON RECEIPT OF INVOICE. FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

For questions regarding this invoice, please call Micki Gessner (352) 335-5877 Ext. 2455

CP

120550

20550

ENTERED  
JUN 28 2007



Tampa Office  
4350 West Cypress St., Suite 600  
Tampa, Florida 33607

Remit to:  
CH2M HILL, Inc.  
P. O. Box 200991  
Dallas, TX 75320-0991

Utilities Inc. of Sandalhaven  
200 Weathersfield Avenue  
Altamonte Springs, FL 32714

*[Handwritten scribble]* **V19084**

Date: 6/15/2006  
Project No.: 341572  
Client Ref. No.: 113094  
Invoice No.: 3557406  
Period Ending: 5/26/2006

Attn: Tony Wierzbicki

**INVOICE**

**ROUTE PLANNING AND SURVEY SERVICES FOR DESIGN AND CONSTRUCTION OF 17,000 LF SANITARY SEWAGE FORCEMAIN FOR UTILITIES INC. OF SANDALHAVEN.**

Task #	Task Name	Fee Amount	Percent Complete	Amount Earned	Less Previously Billed	Amount Due
1	Survey Administration	\$ 80,877.00	100%	\$ 80,877.00	\$ 64,701.60	\$ 16,175.40
2	Route Evaluation & Selection	\$ 17,270.00	100%	\$ 17,270.00	\$ 16,406.50	\$ 863.50
	<b>TOTAL</b>	<b>\$ 98,147.00</b>	<b>100.000000%</b>	<b>\$ 98,147.00</b>	<b>\$ 81,108.10</b>	<b>\$ 17,038.90</b>

TOTAL DUE THIS INVOICE \$ 17,038.90

*103-0610-11* *TW* *[Signature]*

OUTSTANDING INVOICES:		
DATE	INVOICE #	AMOUNT
TOTAL:		\$0.00

DUE AND PAYABLE ON RECEIPT OF INVOICE. FINANCE CHARGES WILL BE ASSESSED AT 1% PERCENT PER MONTH (OR MAXIMUM PERMISSIBLE UNDER STATE LAW) ON ALL ACCOUNTS OVERDUE UNLESS STATED OTHERWISE IN OUR CONTRACT. CH2M HILL IS INCORPORATED.

For questions regarding this invoice, please call Micki Gessner (352) 335-5877 Ext. 52455

MOON PLUMBING  
 14801 SW 27TH STREET  
 DAVIE, FL 33331

Invoice

Date	Invoice #
10/20/2006	767

Bill To UTILITIES, INC. 200 WEATHERSFIELD AVE. ALTAMONTE SPRINGS, FL 32714
---

P.O. No.	Terms	Project
	Net 15	

Quantity	Description	Rate	Amount
	DATE OF SERVICE 10-11-06 TO 10-12-06		
	SANDLEHAVEN MASTER LIFT STATION PIPELINE PROJECT		
	RE: BROKEN 6" SEWER MAIN - MAIN WAS DAMAGED BY COMPANY INSTALLING NEW SEWER MAIN - WE RECEIVED CALL AT 11:00 AM		
	1) RECEIVED CALL- DISPATCHED CREWS FROM EXISTING JOBS		
	2) DISPATCHED LOW BOY TRAILER TO PICK UP SKID STEER AND TRACK HOE.		
	3) DISPATCHED SERVICE TRUCK TO SUPPLY HOUSE FOR MATERIALS.		
	4) DISPATCHED VAC TRUCK FOR SEWAGE CLEAN UP.		
	5) UPON ARRIVAL FOUND		
	9) BACKFILLED AND ROUGH GRADED.		
	CHARGES AS FOLLOWS:		
	1) MOBILIZATION	1,500.00	1,300.00
	2) LABOR		
	11:00 AM 10-11-06 TO 4:00 AM 10-12-06		
6	11:00 AM TO 5:00 PM - 4 MAN CREW WORKED 6 REGULAR TIME HOURS AT \$320.00 PER HOUR	320.00	1,920.00
11	5:00 PM TO 4:00 AM - 4 MAN CREW WORKED 11 OVER TIME HOURS AT \$480.00 PER HOUR	480.00	5,280.00
	3) EQUIPMENT		
17	TRACK HOE - 11:00 AM 10-11-06 TO 4:00 AM 10-12-06 AT \$400.00 PER HOUR	400.00	6,800.00
17	SKID STEER - 11:00 AM 10-11-06 TO 4:00 AM 10-12-06 AT \$225.00 PER HOUR	225.00	3,825.00
17	PUMP TRUCK - 11:00 AM 10-11-06 TO 4:00 AM 10-12-06 AT \$225.00 PER HOUR	225.00	3,825.00
1	GENERATOR (LIGHTING) - FLAT RATE	250.00	250.00
1	GAS CUT OFF SAW - FLAT RATE	225.00	225.00
	4) MATERIALS		
		1,800.00	1,800.00
<b>Total</b>			<b>525,425.00</b>

**EXHIBIT**

tabbles®

3(c)

**Sandalhaven WWTP Expansion**  
**Engineering Services Estimate to Support a Deep Injection Well**

The recommended alternative for the plant expansion from the Consultant was to construct an interconnect with the Englewood Water District (EWD) for effluent disposal. In a meeting held with EWD, we were informed they would only accept raw influent. Sending raw influent to EWD was not the preferred option due the reduction in the type of service provided and the payment of an estimated \$7.5MM in capacity fees for 1 MGD of plant capacity at a rate of \$7.5237/gpd. Other options needed to be explored for effluent disposal.

A Shallow Well was not recommended by FDEP because of extensive permitting requirements and the probability that a confining zone for a shallow well would not be present in the Sandalhaven area. Ponds are not an option due to the insufficient land available in this area for effluent disposal.

The only option left was to expand the wastewater treatment plant and drill a Deep Injection Well (DIW) for effluent disposal. Engineering design for a DIW was not part of the original design proposal. The following are the tasks and costs associated with the design of the DIW:

Well Design and Permitting	\$ 35,600
Bidding Services	\$ 4,700
Professional Services during Construction	\$123,700
Interim Reports	\$ 17,200
Final Engineering Report	\$ 22,500
Operational Testing and Operation Permit Application	\$ 43,600
Design of Wellheads, Pump Station and Appurtenances	\$ 49,200
Services during Construction of Surface Infrastructure	\$ 17,100
Subtotal	\$313,600
Contingency	\$ 32,000
Total Engineering Services	\$345,600