

LEE COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

BLUE SHEET NO: 20030521-UTL

1. REQUESTED MOTION:

ACTION REQUESTED:

Approve Change Order No. 1 to the Cypress Lake Drive Widening & Utility Relocation project, Contract No. 2368 with Florida State Underground Inc. to increase the proposed water main size from 12-inch to 16-inch diameter. Change Order amount is \$225,775.32, for a revised total Not-To-Exceed contract amount of \$2,136,621.87.

WHY ACTION IS NECESSARY:

Pursuant to Administrative Code AC-4-4 Lee County Contracts Manual, approved by the Board on September 25, 2001, Change Orders over \$50,000 require Board approval.

WHAT ACTION ACCOMPLISHES:

Increases capacity of the water distribution main being replaced as part of the roadway widening project.

2. DEPARTMENTAL CATEGORY: 10 - UTILITIES
COMMISSION DISTRICT #: 4 & 5

C10G

3. MEETING DATE:

05-20-2003

4. AGENDA:

- X CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED: _____

5. REQUIREMENT/PURPOSE:

- (Specify)
- STATUTE
 - ORDINANCE
 - X ADMIN. CODE AC-4-4
 - X OTHER Change Order

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER: _____
- B. DEPARTMENT: Lee County-Public Works
- C. DIVISION/SECTION: Utilities/Division
- BY: Rick Diaz, Utilities Director

DATE: *5/2/03*

7. BACKGROUND:

On February 4, 2003, the Board awarded B-02-33 Cypress Lake Drive Widening & Utility Relocation to the lowest responsive/responsible bidder, Florida State Underground Inc. for a total Not-To-Exceed contract amount of \$1,910,846.55 (Lee County Utilities portion is \$298,806.46). The Lee County Dept. of Transportation project consists of roadway

(CONT'D.)

8. MANAGEMENT RECOMMENDATIONS:

4/29/03

9. RECOMMENDED APPROVAL

(A) DEPARTMENT DIRECTOR	(B) PURCH OR CONTRACTS	(C) HUMAN RESOURCES	(D) OTHER	(E) COUNTY ATTORNEY	(F) BUDGET SERVICES				(G) COUNTY MANAGER
					OA	OM	Risk	GC	
<i>[Signature]</i> Lavender Date: <i>5.5.03</i>	<i>[Signature]</i> C. Logan Date: <i>5/5</i>	N/A	<i>[Signature]</i> 5/5/03	<i>[Signature]</i> Date: <i>5/6/03</i>	<i>[Signature]</i> 5-6-03	<i>[Signature]</i> 5/6/03	<i>[Signature]</i> 5/6/03	<i>[Signature]</i> 5-6-03	<i>[Signature]</i> Lavender Date: <i>5.5.03</i>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

RECEIVED BY	<i>[Signature]</i>
COUNTY ADMIN.	<i>[Signature]</i>
DATE	<i>5-6-03</i>
TIME	<i>2:00</i>
BY ADMIN.	
RECEIVED TO:	
DATE	<i>5/7 20</i>

CO. ATTY.	<i>5/16/03</i>
CO. ATTY.	<i>12:52 PM</i>
SEARCHED TO:	<i>City Admin</i>
DATE	<i>5-6-03 1:30</i>

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widening improvements of Cypress Lake Dr. from west of Summerlin Rd. to west of US 41. The project also includes relocation of an existing 10" water main, to be replaced with a new 12" ductile iron pipe (DIP) water main.

Lee County Utilities has, as a separate project, retained a Professional Engineering Consultant to provide computer modeling of the overall Lee County water distribution system and prepare recommendations for capacity improvements to the distribution system. These recommendations for improvements have recently been received, and include further increasing the water main size along Cypress Lake Dr. to a 16" diameter. This recommendation was received after the Cypress Lake Dr. project was already designed, bid and awarded for construction.

At this time, Lee County Utilities is requesting Board approval of Change Order No. 1 to increase the proposed water main size to 16" DIP, which is consistent with the system improvement recommendations from our Consultant. The Change Order amount of \$225,775.32 would increase the Lee County Utilities portion to \$524,581.78 and the total Not-To-Exceed contract amount to \$2,136,621.87.

Funds for the utility relocation work are available in Account No. 207119.48730.506540.

Attachments: Three (3) Original Change Orders



LEE COUNTY CONSTRUCTION CONTRACT
CHANGE ORDER

(A Change Order Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners over \$50,000)

CONTRACT/PROJECT NAME: Cypress Lake Drive Widening and Utility Relocation
CONTRACTOR: Florida State Underground, Inc. PROJECT NO.: LCDOT 4064 / LCU 7119
CONTRACT NO.: 2368 BID NO.: B-02-33 ACCOUNT NO.: 207119.48730.506540 (Utilities)
CHANGE REQUESTED BY: LCU - Tom Mamott DATE OF REQUEST: April 11, 2003

Upon the completion and execution of this Change Order by both parties to the Contract, the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

Description: Increase size of proposed new water main from 12" to 16."

Purpose of Change Order: Recent recommendations from consultant that just finished modeling the entire water system includes this water main size increase to meet future demands.

Attachments: (List documents supporting change) 1. Consultant recommendation
2. Detail description of changes w/Contractor pricing

CHANGE IN CONTRACT PRICE:

Original Contract Price
\$ 1,910,846.55

Previous Change Orders No. 0 to No. 0
\$ 0

Contract Price prior to this Change Order
\$ 1,910,846.55

Net Increase (Decrease) of this Change Order
\$ 225,775.32

Contract Price with all approved Change Orders
\$ 2,136,621.87

CHANGE IN CONTRACT TIME:

Original Contract Time
300
Calendar Days

Net Change from previous Change Orders
0
Calendar Days

Contract Time prior to this Change Order
300
Calendar Days

Net Increase (Decrease) of this Change Order
0
Calendar Days

Contract Time with all approved Change Orders
300
Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of, or incidental to, the above mentioned change.

RECOMMENDED:

By: *[Signature]* 4/11/03
Consultant (if applicable) Date

ACCEPTED:

By: *[Signature]*
Contractor

COUNTY APPROVAL:

By: _____
Department Director (Under \$25,000)

By: *[Signature]* 5/2/03
Department Director Date

Date Accepted: 4-15-03

Date Approved: _____

By: *[Signature]* 5/15/03
Contracts Management Date

Corporate Seal

By: _____
County Manager (Under \$50,000)

APPROVED:

Date Approved: _____

County Attorney's Office
Date

By: _____
Chairman (Over \$50,000)
Board of County Commissioners

Date Approved: _____



>>> Thomas Mamott 03/03/03 09:49AM >>>

Bob Burbrink just called this morning asking if it would be possible to increase the proposed WM size on Cypress Lake Dr. Recall, the existing WM is 10" and we are currently proposing a 12" WM. Bob is asking if we can increase to a 16" WM. He is currently looking at some various modeling scenarios and has indicated this may be beneficial. They are going to run some additional scenarios to see what effect it may have, including extending a 16" on Cypress Lake to our existing 16" WM on the east side of US 41.

I just checked with Randy Cerchie, and the project is not going to start construction until late April. We talked with the Contractor and they have not ordered any pipe yet. So, it appears it is still possible to change the pipe size if we want to.

Bob Burbrink will be back in touch with us for a recommendation if we should increase the proposed pipe size. → YES, RECOMMENDING INCREASE.

Note, if we increase the pipe size, we will need to check our budget \$ again. I had recommended decreasing the total \$ since our construction bid was lower than budgeted.

Thomas A. Mamott, P.E.
Senior Engineer
Lee County Utilities
mamotta@leegov.com
239-479-8576
(FAX) 239-479-8176

CHANGE ORDER No. 1

Description of Changes:

1. Revise the proposed 12" DIP water main to 16" DIP (see ~~attached~~ Drawings)
2. All the 12" fittings, pipe restraints, valves and appurtenances associated with the water main are revised to 16" fittings, pipe restraints, valves and appurtenances (see ~~attached~~ Drawings).
3. Delete original Line Item 4, "Directional Drill HDPE," from the Utility Schedule of Values. Add Line Item 3, "Jack & Bore," to the Utility Schedule of Values. Appropriately re-number the Line Items that follow.
4. Revise the 24" steel casing on Drawing Sheet U-5 to 30" steel casing.
5. Add Line Item 18 to the Utility Schedule of Values for an additional 32" trench width.
6. All changes shall meet all requirements and specifications stated in the Contract Documents and the Lee County Utilities Operations Manual.
7. Any Work that may be reasonably inferred from these Changes and the specifications or drawings as being required to produce the intended result shall be supplied by the Contractor whether or not it is specifically called for.
8. All other aspects of the Contract Documents not specifically stated or referenced herein shall remain in full force and effect.

CYPRESS LAKE DRIVE
 WIDENING & UTILITY RELOCATION

Item	Description	Quantity	U/M	Unit Bid	Total Bid
UTILITY RELOCATION					
1	MOBILIZATION	1	LS	5062.50	5062.50
2	16" CL52 D.I.P.	4875	LF	43.84	213720.00
3	30" JACK & BORE (ALT. A)	220	LF	252.82	55620.40
4	16" X 16" WET TAP	1	EA	10108.29	10108.29
5	16" GATE VALVE	7	EA	4095.06	28665.42
6	VERTICAL CONFLICTS 16"	14	EA	5240.40	73365.60
7	10" X 10" WET TAP	2	EA	4221.87	8443.74
8	10" CL52 D.I.P.	200	LF	31.19	6238.00
9	10" GATE VALVE	2	EA	1096.08	2192.16
10	10" EXISTING CUT & CAP	5	EA	1000.65	5003.25
11	6" C900 DR18 RAW WATER	770	LF	10.43	8031.10
12	PUMP GROUT EX 10" WATERMAIN	3700	LF	6.33	23421.00
13	10" D.I.P. TIE-IN	4	EA	1599.70	6398.80
14	1" WATER SERVICE (IRRIGATION)	3	EA	786.71	2360.13
15	MANUAL A.R.V.	7	EA	1057.71	7403.97
16	BACT TEE SAMPLE POINT	3	EA	736.64	2209.92
17	RESTORATION	1	LS	27337.50	27337.50
18	ADDITIONAL 32" TRENCH WIDTH	4875	LF	8.00	39000.00

SUBTOTAL

524581.78