

**PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST**

COUNCIL ITEM 13K
DATE 9/12/11

Meeting Date: September 12, 2011

Public Hearing Ordinance Resolution Motion

Item: E-Bid #20110010 CO #1 Eastern Watershed Improvement Project (EWIP) Elks – Cane Slough Stormwater Treatment Area (STA)

Recommended Action:

- 1) Approval of Change Order #1 to Underwater Engineering Services, Inc. for the construction of the Eastern Watershed Improvement Project (EWIP) Elks – Cane Slough Stormwater Treatment Area (STA) in the amount of \$319,455.72 and 0 additional calendar days. The new Contract amount is \$1,329,233.36 and the Contract period remains at 240 calendar days.

Exhibits: Department memo attached yes no

Summary Explanation/Background Information: The Elks – Cane Slough Stormwater Treatment Area (STA) is one of the elements of the Eastern Watershed Improvement Projects (EWIP). The project is located at the northwest corner of the intersection of Lennard Road and Cane Slough Road. This Change Order involves the installation of a 72" reinforced concrete pipe system across Lennard Road and Mariposa Avenue. This work initially was designed and incorporated in the Lennard Square Stormwater Project (Contract #20110034), but due to delays in the start date of that project the work has not been initiated. This work is being expedited so that its completion will be accomplished while school is out of session for the summer, thus minimizing the impact to traffic and school bus routes. This Change Order will result in an overall increase in the Contract amount of \$319,455.72 with no additional calendar days required for this work. There will be a corresponding deductive Change Order processed in the near future reflecting the work being subtracted from the Lennard Square project.

Purchase is not a replacement Purchase is budgeted.

Award Amount: **\$319,455.72**

Department requests expenditure from the following:

Fund	403	EWIP Fund
Cost Center	4126	Street & Drainage
Object Code	568812	Other Infrastructure
Project	00000	n/a

Director of OMB concurs with award: *[Signature]* City Manager concurs with award: *[Signature]*

Department requests 0 minutes to make a presentation.

Submitted by: Patricia Roebing

Date Submitted: 9/7/2011

Title: City Engineer

SEP 02 2011

City Manager's Office

CHANGE ORDER

No.: Change Order # 01

PROJECT:	City of Port St. Lucie	DATE OF ISSUANCE:
OWNER:	City of Port St. Lucie 121 SW Port St. Lucie Boulevard Port St. Lucie, Florida 34984	OWNER's Project No.: <u>20110010</u>
CONTRACTOR:	UESI 3306 Enterprise Road Fort Pierce, FL 34982	ENGINEER: The Corradino Group
CONTRACT FOR:	EWIP Elks Cane Slough Stormwater Treatment Area	

You are directed to make the following changes in the Contract Documents.

Description: City of Port St. Lucie Contract No. 20110010 / CO #1

Purpose of Change Order:

1. Install 72" Pipe across Lennard Road and Mariposa Avenue
2. All other contract provisions / addenda remain in full force & effect.

Please see attached Document of Changes.

See Attached Memos & Price Proposals

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$ <u>1,009,777.64</u>	Original Contract Time <u>240</u> days or date
Previous Change Orders No. \$ <u>-</u>	Net change from previous Change Orders <u>0</u> days
Contract Price prior to this Change Order \$ <u>1,009,777.64</u>	Contract Time prior to this Change Order <u>240</u> days or date
Net Increase (Decrease) of this Change Order \$ <u>319,455.72</u>	Net Increase (Decrease) of this Change Order <u>0</u> days
Contract Price with all approved Change Orders \$ <u>1,329,233.36</u>	Contract Time with all approved Change Orders <u>240</u> days or date

RECOMMENDED:	APPROVED:	APPROVED:
By _____	by _____	by _____
Engineer	Owner	Contractor



"A City for All Ages"

CITY OF PORT ST. LUCIE

Engineering/Public Works

"The art of applying scientific and mathematical principals, experience, judgment, and common sense to make things that benefit people." – A.S.E.E.



MEMORANDUM

TO: CHERYL SHANABERGER –DEPUTY DIRECTOR OF OMB

FROM: JAMES E. ANGSTADT, P.E. – CIVIL ENGINEER JEA

DATE: AUGUST 1, 2011

RE: EASTERN WATERSHED IMPROVEMENT PROJECT
ELKS CANE SLOUGH STORMWATER TREATMENT AREA (STA)
UNDERWATER ENGINEERING SERVICES INC. /UESI
CHANGE ORDER NO. 1 - CONTRACT NO. 20110010

Attached please find a proposal and change order form for Change Order No. 1 to the above referenced project. We are requesting authorization by the City Council for the City Manager to execute the necessary change order as referenced and as further described below.

Change Order No. 1 to Elks Cane Slough STA project (Contract No. 20110010) with UESI involves the installation of a 72" reinforced concrete pipe system across Lennard Road and Mariposa Avenue. This work initially was designed and incorporated in the Lennard Square Stormwater Project (Contract No. 20110034), but due to delays in the start of that project the work has not yet been initiated. This work is being expedited so that it's completion will be accomplished while school is out of session for the summer, thus minimizing the impact to traffic and school bus routings to the schools located on Lennard Road and Mariposa Avenue.

The Elks Cane Slough and the Lennard Square projects have been approved by City Council and are to be executed by the same contractor, Underwater Engineering Services Inc. (UESI). The following associated work will now be performed by Contract No. 20110010.

- A. **Contract No. 20110034 Pay Item and Prorated Items** – The associated items being transferred from Contract No. 20110034 to Contract No. 20110010 at unit prices established in UESI's bid to complete the road crossing. Cost to be transferred: \$262,918.60.
- B. **Cost associated with work acceleration** – UESI has been authorized to work 12 hour workdays Monday-Friday, and 8 hour workdays on Saturdays to complete this work as expeditiously as possible. The accelerated schedule will also necessitate secondary mobilizations for several contractors, and a modified means and methods for dewatering activities which were not anticipated at the time of bid for Contract No. 20110034. Cost of Change: \$56,537.12

This change order will result in an overall net increase in the contract price of \$319,455.72 for a new contract total of \$1,329,233.36. This change order involves no additional time. The funding source for this work is 403-4126-568812-Y1115. In addition, it is anticipated that a change order to the Lennard Square project (Contract No. 20110034) to include a \$262,918.60 credit will be processed once that project is underway.

The Engineering Department has reviewed this change order and we have coordinated with Corridino Group, Inc. and UESI on it to the point where we feel it is acceptable and we recommend it for approval. Please process this material and schedule it for presentation at the next available City Council meeting for the Council's consideration. If additional documentation is needed, or if you have any questions, please do not hesitate to contact me. Thank you for your cooperation.

c: Greg Oravec, Assistant City Manager/CRA Director
Jesus Merejo, Utility Systems Director
Patricia Roebing, P.E., City Engineer
Kimberly Graham, P.E., Assistant City Engineer
Dale Majewski, NPDES Program Manager
Dave Pollard, Director of OMB
Sue Walsh, Budget Specialist

S:\projects\EWIP 5.0 Construction\5.14 Caine Slough 5/14.2 UESI Change Order No. 11178-01 Memo OMB EIKS CO#1.doc

June 17, 2011

James E. Angstadt, P.E.,
City of Port St. Lucie – Engineering Department
121 S.W. Port St. Lucie Boulevard
Port St. Lucie, FL 34984

RE: **Change Order #1**
EASTERN WATERSHED IMPROVEMENT PROJECT (EWIP)
ELKS CANE SLOUGH STORMWATER TREATMENT AREA
Contract No. 20110010

Dear Mr. Angstadt:

Enclosed for review is the associated documentation to support contract change order number one for the referenced project. This change order will expedite the installation of 72" Reinforced Concrete Pipe for a drainage crossing under Lennard Road and Mariposa Avenue. This work initially was designed and incorporated in the Lennard Square Stormwater Retrofit Project – Contract No. 20110034. Both contracts are approved to be executed with the same contractor, UESI/Underwater Engineering Services Inc. To facilitate expedited functionality of both contract sites, and to perform the necessary full closure of these roadways during a period least impactive to traffic and school bus routing, the associated work will be performed by Contract No. 20110010. Upon review, I am in support of the requested changes and explanation listed below:

- A. **Contract No. 2011034 Pay Item and Prorated Items.** These items are being transferred at unit prices established in UESI's bid.
Cost of change: \$262,918.60
- B. **Cost associated with work acceleration.** UESI has been authorized to work 12 hour workdays Monday-Friday, and 8 hour days on Saturdays to complete the work associated with the full roadway closures as expeditiously as possible. The accelerated schedule also necessitated secondary mobilizations for several subcontractors performing the work, which was not anticipated at time of bid for Contract No. 2011034. Additionally, the dewatering means and methods have been modified given the early construction status of Contract No. 20110010.
Negotiated cost of change: \$56,537.12

Total cost of change order number one: \$319,455.72

Please do not hesitate to let me know if there are any questions, or further information is required to process addition of these items to Contract No. 20110010 via Change Order #1.

Sincerely,



The Corradino Group, Inc.
Mel Pollock, PE
Regional Vice President