

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

Meeting Date: March 26, 2012

Public Hearing ___ Ordinance ___ Resolution ___ Motion X

Item: Contract #20110034 CO #1 - Eastern Watershed Improvement Project (EWIP) Lennard Square Stormwater Retrofit Project

Recommended Action:

- 1) Approval of Change Order #1 to Underwater Engineering Services, Inc. for the construction of the Eastern Watershed Improvement Project (EWIP) Lennard Square Stormwater Retrofit Project in the amount of \$9,766.39 and 17 additional calendar days. The new Contract amount is \$1,768,500.87 and the new Contract period will be 257 calendar days.

Exhibits: Department memo attached [X] yes [] no

Summary Explanation/Background Information: The Lennard Square Stormwater Retrofit Project is the latest element of the Eastern Watershed Improvement Projects (EWIP). The project is located in the eastern section of Port St. Lucie. The project includes, but is not limited to, the construction of a wet detention pond, a wetland mitigation area, drainage conveyance piping, utility relocations, sidewalk construction, sediment and erosion controls, sodding and all work needed to provide a complete project.

This change order involves an additional line item for the replacement of several Type A inlet tops. This change order also includes survey work, select clearing, excavation, grading and installation of piping to approximately 350 feet at the H-14 canal so the canal can be used for additional watershed storage as well as an emergency drainage outlet. There is a decrease in the overall select clearing for the project resulting in a credit adjustment. Additional calendar days are required in connection with this change order in the amount of seventeen (17) days needed for weather related impacts.

Purchase is not a replacement Purchase is budgeted.

Award Amount: \$9,766.39 & 17 calendar days

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: JA City Manager concurs with award: [Signature]

Department requests 0 minutes to make a presentation.

Submitted by: Patricia Roebing

Date Submitted: 3/22/2012

Title: City Engineer

RECEIVED

MAR 14 2012

City Manager's Office

CHANGE ORDER

(Instructions on reverse side)

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>20110034</u>
CONTRACTOR:	Underwater Engineering Services 3306 Enterprise Road Fort Pierce, FL 34982	ENGINEER:	Culpepper & Terpening, Inc.
		ENGINEER's Project #	<u>11-170</u>
CONTRACT FOR:	EWIP Lennard Square Stormwater Retrofit		

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

- Description: City of Port St. Lucie Contract No. 20110034 Change Order 1
 Purpose of Change Order:
1. Additional cost to provide Type E inlets in lieu of Type A inlets at structures LB-2, LB-3 and LB-4
 2. Perform work to approximately 350 lf of H-14 ditch, including: survey, select clearing, excavation, grading, sod installation, installation of 18" RCP, construction of mitered end section, and tie-in to CS-3 structure
 3. Delete 0.5 acres of selective clearing (Item 110-3)
 4. Add 14 calendar days for non-compensable weather delays on 10/12/11, 10/18/11, 10/19/11, 10/31/11, 11/11/11, 11/18/11, 11/21/11, 11/22/11, 11/23/11, 12/12/11, 12/13/11, 12/14/11, 12/15/11, 12/16/11
 Add 3 calendar days for work associated with Item 2
 - 5: 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>1,758,734.48</u>	Original Contract Time <u>240</u> days or date
Previous Change Orders Nos.0 through 1 \$ <u>-</u>	Net change from previous Change Orders <u>0</u> days
Contract Price prior to this Change Order \$ <u>1,758,734.48</u>	Contract Time prior to this Change Order <u>240</u> days or date
Net Increase (Decrease) of this Change Order \$ <u>9,766.39</u>	Net Increase (Decrease) of this Change Order <u>17</u> days
Contract Price with all approved Change Orders \$ <u>1,768,500.87</u>	Contract Time with all approved Change Orders <u>257</u> days or date

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



CITY OF PORT ST. LUCIE

Engineering Department

Accredited Agency – American Public Works Association

MEMORANDUM

TO: CHERYL SHANABERGER –DEPUTY DIRECTOR OF OMB

FROM: STEVE JUNGJOHAN, PROJECT MANAGER *[Signature]*

DATE: MARCH 2, 2012

RE: EASTERN WATERSHED IMPROVEMENT PROJECT
LENNARD SQUARE STORMWATER RETROFIT PROJECT
UNDERWATER ENGINEERING SERVICES, INC. (UESI)
CONTRACT NO. 20110034, CHANGE ORDER NO. 1

Attached please find a cover letter, a quantity spreadsheet and a change order form for Change Order No. 1 to Contract No. 20110034 with Underwater Engineering Services, Inc., for revisions and added time for work associated with the Lennard Square Stormwater Retrofit Project which is a part of the Eastern Watershed Improvement Project (EWIP). We are hereby requesting authorization by the City Council for the City Manager to execute the necessary change order as reference above and as further described below.

Change Order No. 1 to the Lennard Square Stormwater Retrofit Project contract with UESI (Contract No. 20110034) involves the following:

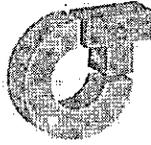
- Additional item for the replacement of several Type A inlet tops with Type E inlet tops. During the installation of drainage structures associated with the 72" conveyance pipe located east of the Sam's Club building, it was noted that the use of Type E inlet tops would provide additional flow area and permit an increase of runoff into the pipe system, thereby making it more efficient. The cost for this replacement is \$1,047.16. No additional days are associated with this change.
- Additional work to survey, select clear, excavate, grade, install piping and sod to approximately 350 feet of the H-14 canal. Early in the construction, it was identified that this canal could be cleaned and re-graded to provide additional storage in the watershed as well as provide an emergency drainage outlet to prevent encroachment of drainage onto the nearby local city street. The cost for this addition is \$12,219.23. This work will require three (3) additional days be added to the contract time.
- Decrease in the quantity for Selective Clearing. The contractor has completed the clearing and grubbing portion of the work and this item was not entirely utilized, thereby an adjustment can be provided to the contract. The credit for this adjustment is \$3,500. No additional days are associated with this change.
- Increase in contract days for weather related impacts on the project in accordance with the contract. To date, the contractor is entitled to fourteen (14) days for weather related impacts.

This change order will result in an overall net increase in the contract price of \$9,766.39 for a new contract total of \$1,768,500.87. This change order also involves an added 14 days for weather-related incidents where the contractor's critical items of work were impacted and 3 days for additional work. The total contract time including this change order is 257 days. This contract is funded by account number 403-4126-568812-00000.

Please schedule Change Order No. 1 for presentation at the next available City Council meeting for their consideration. Three (3) original signed Change Order forms will be forwarded to your office once they have been signed by the contractor. If additional documentation is needed, or if you have any questions, please do not hesitate to contact me. Thank you for your cooperation.

/jea

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
James Angstadt, P.E. – Civil Engineer
Dave Pollard, Director of OMB
Sue Walsh, Manager, Operations



CULPEPPER & TERPENING, INC
CONSULTING ENGINEERS | LAND SURVEYORS

February 29, 2012

Sender's Email: mdimitriou@ct-eng.com
Project 11-170

VIA: Email sjungjohan@cityofpsl.com
Original via Hand Delivery

Mr. Steve Jungjohan
Engineering Department
City of Port St. Lucie
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984

RE: **EWIP Lennard Square Stormwater Retrofit**
Contract 20110034 / Change Order #1

Dear Mr. Jungjohan:

Attached is Change Order 1. This change order is issued for the following items:

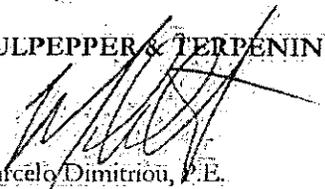
- provide Type B inlets in lieu of Type A inlets for structures EB-2, EB-3 and EB-4;
- additional work to the H-14 ditch, including select clearing, re-grading, and connecting the ditch to the CS-3 drainage structure; and
- addition of Contract Time for weather days and additional work.

This change order is in the amount of \$9,766.39. This change order also adds a total of 17 days to the Contract Time for weather days and for additional work.

This change order package is presented with the recommendation for processing.

Sincerely,

CULPEPPER & TERPENING, INC.


Marcelo Dimitriou, P.E.
Construction Services Director

cc: James Angstadt, P.E., CPSL Eng

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2980 SOUTH 25TH STREET | FT. PIERCE, FL 34981 | (772) 464-3537 | FAX: (772) 464-9497

Change Order 1

City of Port St. Lucie
 Contract No. 20110034
 City of Port St. Lucie
 121 SW Port St. Lucie Boulevard
 Port St. Lucie, Florida 34984

Underwater Engineering Services, Inc
 3306 Enterprise Road
 Fort Pierce, FL 34982

Contract No. 20110034
 Culpepper & Terpening, Inc.

EWIP Lennard Square Stormwater Retrofit
11-170

- 1 Additional cost to provide Type E inlets in lieu of Type A inlets at structures LB-2, LB-3 and LB-4
- 2 Perform work to approximately 350 lf of H-14 ditch, including: survey, select clearing, excavation, grading, sod installation, installation of 18" RCP, construction of mitered end section, and tie-in to CS-3 structure
- 3 Delete 0.5 acres of selective clearing (Item 110-3)
- 4 Add 14 calendar days for non-compensable weather delays on 10/12/11, 10/18/11, 10/19/11, 10/31/11, 11/1/11, 11/18/11, 11/21/11, 11/22/11, 11/23/11, 12/12/11, 12/13/11, 12/14/11, 12/15/11, 12/16/11
- 5 Add 3 calendar days for additional work associated with Item 2
- 5 All other contract provisions / addenda remain in full force & effect.

LINE NO.	PAY ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT PRICE	BID TOTAL
1		Provide Type E inlets in lieu of Type A at structures LB-2, LB-3, LB-4 Perform work to approximately 350 lf of the H-14 ditch, including: survey, select clearing, excavation, grading, sod installation, installation of 18" RCP, construction of mitered end section and tie- in to CS-3 structure	LS	1.0	\$ 1,047.16	\$ 1,047.16
2			LS	1.0	\$ 12,219.23	\$ 12,219.23
5	110-3	Selective Clearing & Grubbing - Exotic Removal	AC	-0.5	\$ 7,000.00	\$ (3,500.00)
						\$ 9,766.39