

PORT ST. LUCIE CITY COUNCIL
AGENDA ITEM REQUEST

COUNCIL ITEM 7C
DATE 11/19/12

Meeting Date: November 19, 2012

Public Hearing _____ Ordinance _____ Resolution _____ Motion X

Item: Contract #20120100 CO #1 - Emergency Repairs to Floresta Drive between Naranja Avenue and Verada Avenue

Recommended Action:

Approval of CO #1 for the final true up for the emergency repairs to Floresta Drive between Naranja Avenue and Verada Avenue with Felix Associates of Florida, Inc. in the amount of a net decrease of (\$39,378.51) and a decrease in contract time of five (5) calendar days. The final Contract amount is \$162,946.43.

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

Summary Explanation/Background Information: On August 27, 2012, the heavy rains from Tropical Storm Isaac overwhelmed the drainage system on Floresta Drive between Naranja Avenue and Verada Avenue and created a washout which resulted in a road closure, damage to the forcemain and other underground utilities. The original unit quantities were derived pre-design to allow the contractor to commence work as soon as possible due to the emergency nature of the repairs. Adjustments to the quantities evolved as the final construction plans were completed and actual field conditions were established. The final true up for the project allows for all adjustments, additions and deletions to be accounted for and to close out the project. Please see summary memo for additional information.

The Engineering Department has reviewed the change order and finds it to be reasonable and recommends City Council approval.

Purchase is a replacement. This cost reduction will impact this fiscal year.

Expenditures: (\$39,378.51) & a decrease of 5 calendar days

Department requests expenditure from the following:

Fund	401	Stormwater
Cost Center	2500	Disaster Cost Center
Object Code	534000	Contractual Services
Project	Y1250	Tropical Storm Isaac

Director of OMB concurs with award: AKP City Manager concurs with award: gjo

Department requests 0 minutes to make a presentation.

RECEIVED

Submitted by: James Angstadt for Patricia Roebing

NOV 14 2012

Title: Assistant Public Works Director Date Submitted: 1 City Manager's Office

Robyn Holder

From: Julian Aldarondo
Sent: Thursday, November 08, 2012 3:14 PM
To: Robyn Holder
Cc: James Angstadt; Patricia Roebling
Subject: RE: Council Agendas for the Emergency Work performed by Felix Associates

Importance: High

Both of the items have been approved as is per James Angstadt, Assistant Public Works Director for Patricia Roebling, Public Works Director/City Engineer in her absence.

Should you have any questions or require additional information, please do not hesitate in contacting me.

Thank you,

Julian Aldarondo
Senior Systems Support Analyst
City of Port St. Lucie, Engineering-Public Works Department
121 S.W. Port St. Lucie Blvd, Building B
Port St. Lucie, Florida 34984
(772) 871-5175



From: Robyn Holder
Sent: Thursday, November 08, 2012 12:44 PM
To: Patricia Roebling
Cc: Julian Aldarondo; James Angstadt
Subject: Council Agendas for the Emergency Work performed by Felix Associates

Please review and approve. thanks

Robyn Holder, CPPB
Contract Specialist
Office of Management & Budget
City of Port St. Lucie
772-344-4293
772-871-7337 fax

CHANGE ORDER

(Instructions on reverse side)

No.: 1

PROJECT: City of Port St. Lucie DATE OF ISSUANCE:
OWNER: City of Port St. Lucie OWNER's Project No.: 20120100
121 SW Port St. Lucie Boulevard
Port St. Lucie, Florida 34984
CONTRACTOR: Felix Associates of Florida, Inc. ENGINEER: J. Culpepper & Terpening
8526 SW Kansas Avenue
Stuart, FL 34997
772-220-2722
CONTRACT FOR: Tropical Storm Isaac Repairs Y1250 - Floresta Drive

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

Purpose of Change Order: Various additions and deletions.

	<u>Amount</u>	<u>Days:</u>
Quantity Under-runs		
Embankment	-\$1,399.26	
12" Stabilized Subgrade	-\$2,596.00	
10" Coquina Base	-\$3,300.00	
2" SP-12.5 Asphalt	-\$4,545.00	
1" SP-9.5 Asphalt Overlay	-\$7,222.50	
Rip-Rap bank & Shore	-\$17,342.00	
Pavement Markings	-\$6,000.00	
Excavate Canal	<u>-\$22,908.00</u>	
	-\$65,312.76	
Quantity Over-runs		
18" CAP	\$769.50	
Regrade & Install Sod	\$1,859.62	
Install Swale Liner	\$1,900.00	
Sheet Pile Deadman	<u>\$8,250.00</u>	
	\$12,779.12	
Additional Items		
MOB	\$748.70	
Debris Removal 9/4/12	\$3,589.04	
Debris Removal 9/5/12	\$3,082.15	
Remove Unsuitable Fill	\$3,025.15	
Canal Additional Displacement	\$1,790.38	
Chain Link Fence	<u>\$919.71</u>	
	\$13,155.13	

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$ 202,324.94	Original Contract Time 30 days or date
Previous Change Orders \$ -	Net change from previous Change Orders 0 days
Contract Price prior to this Change Order \$ 202,324.94	Contract Time prior to this Change Order 30 days or date
Net Increase (Decrease) of this Change Order \$ (39,378.51)	Net Increase (Decrease) of this Change Order -5 days
Contract Price with all approved Change Orders \$ 162,946.43	Contract Time with all approved Change Orders 25 days or date

RECOMMENDED:

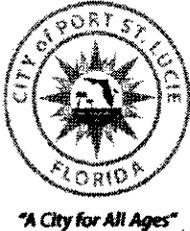
By _____
Engineer

APPROVED:

by _____
Owner

APPROVED:

by _____
Contractor



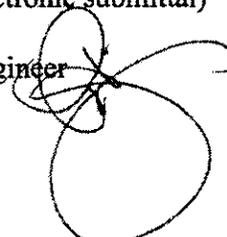
CITY OF PORT ST. LUCIE

Public Works Department

Accredited Agency – American Public Works Association

MEMORANDUM

To: Cheryl Shanaberger – Deputy Director of OMB (via electronic submittal)

Thru: Patricia Roebling, P.E. Public Works Director / City Engineer 

From: Frank Knott, Project Manager 

Date: November 5, 2012

Re: **Floresta Drive Emergency Repairs Y1250**
Construction Contract No. 20120100 – Felix Associates of Florida, Inc.
True-Up & Final Application for Payment

Attached, please find the Change Order to the construction contract with Felix Associates of Florida, Inc. along with the backup information. We are requesting authorization by the City Council for the City Manager to execute the Change Order as referenced above and as further described below.

This Change Order is a true-up to the contract includes adjustments to the original quantities with some additional items required to complete the work. The overall contract value results in a decrease in the amount by thirty-nine thousand three hundred seventy-eight dollars and fifty-one cents (\$39,378.51) and a 5 day decrease to the contract time.

This final application for payment includes adjustments to the original quantities along with some additional items required to complete the work. The original unit quantities were derived pre-design to allow the contractor to commence with the work as soon as possible due to the emergency nature of the repairs. Adjustments to the quantities referenced above evolved as the final construction plans were completed and actual field conditions established. The individual contract line items that require adjustment, along with the reason for the adjustments are provided as follows:

Quantity Under-runs:

The project required less quantities for certain pay items to complete the project. The total amount of under-run cost is (-) \$65,312.76 and is itemized as follows:

<u>Pay Item</u>	<u>Cost Savings</u>
Embankment	(-) \$ 1,399.26
12" Stabilized Subgrade	(-) \$ 2,596.00
10" Coquina Base	(-) \$ 3,300.00
2" SP-12.5 Asphalt	(-) \$ 4,545.00
1" SP-9.5 Asphalt Overlay	(-) \$ 7,222.50
Rip-Rap Bank & Shore	(-) \$17,342.00
Pavement Markings	(-) \$ 6,000.00
Excavate Canal to 3' depth (MHW)	(-) \$22,908.00

The majority of the deductions are the result of the Contractor's ability to save the existing roadway during the repair process deleting the need for the roadway reconstruction line items. Additionally, the extent of the canal work was less than originally anticipated resulting in less Rip-Rap Bank & Shore as well as Canal Excavation.

Quantity Overruns:

The project required additional quantities for certain pay items to complete the project. The total amount of overrun cost is \$12,779.12 and is itemized as follows:

<u>Pay Item</u>	<u>Additional Cost</u>
18" CAP	\$ 769.50
Regrade and Install Sod	\$ 1,859.62
Install Swale Liner	\$ 1,900.00
Sheet Pile Deadman	\$ 8,250.00

The Additional length of 18" outfall pipe was required to insure that the pipe extended out from the newly placed rip-rap embankment. The additional regarding, sod and swale liner was required to make drainage improvements on the upstream side of the repair and the additional sheet pile was required due to avoid overhead conflicts with power lines.

Additional Items

The additional pay items provided in the project true-up encompassed the emergency work that Felix was required to perform in advance of the contract as well as some new items required during construction. The total amount of the additional items of is \$13,155.13 and item itemized as follows:

<u>Pay Item</u>	<u>Additional Cost</u>
MOB	\$ 748.70
Debris Removal 9/4/12	\$3,589.04
Debris Removal 9/5/12	\$3,082.15
Remove Unsuitable Fill	\$3,025.15
Canal Additional Displacement	\$1,790.38
Chain Link Fence	\$ 919.71

The account number associated with this project is 401-2500-534000-Y1250, Tropical Storm Isaac Repairs. Please schedule this for presentation at the November 19th Special City Council meeting. If additional documentation is needed or if you have any questions, please let me know.

Attachments

s:\tropical storm isaac 8-27-12\floresta\memo to omb felix-floresta trueup.doc



CULPEPPER & TERPENING, INC
 CONSULTING ENGINEERS | LAND SURVEYORS

Sender's Email: smatthes@ct-eng.com
 File: PSL Eng
 Job 12-258

November 5, 2012

VIA: Hand Delivery

Mr. Frank Knott
 Project Manager -- Regulatory Division
 Public Work Department
 City of Port St. Lucie
 121 S.W. Port St. Lucie Blvd.
 Port St. Lucie, FL 34984

**RE: Floresta Drive Emergency Repairs Y1250
 Construction Contract No. 20120100 – Felix Associates of Florida, Inc.
 True-Up & Final Application for Payment**

Dear Mr. Knott:

The construction contractor, Felix Associates of Florida, Inc. has successfully completed the emergency repair work associated with the above referenced project. Please find attached the Application for Payment No. 2 & Final for the above referenced work. We have reviewed the application, find it to be true and correct for the work performed, and would recommend payment to the contractor in the amount of \$59,701.54.

This final application for payment includes adjustments to the original quantities along with some additional items required to complete the work. The overall contract value results in a net decrease of \$39,378.51 from the original contract amount.

The original unit quantities were derived pre-design to allow the contractor to commence with the work as soon as possible due to the emergency nature of the repairs. Adjustments to the quantities referenced above evolved as the final construction plans were completed and actual field conditions established. The individual contract pay items that require adjustment, along with the reason for the adjustments are provided as follows:

Quantity Under-runs:

The project required less quantities for certain pay items to complete the project. The total amount of under-run cost is (-) \$65,312.76 and is itemized as follows:

<u>Pay Item</u>	<u>Percent of Under-run</u>	<u>Cost Savings</u>
Embankment	8%	\$ 1,399.26
12" Stabilized Subgrade	100%	\$ 2,596.00
10" Coquina Base	100%	\$ 3,300.00
2" SP 12.5 Asphalt	100%	\$ 4,545.00
1" SP-9.5 Asphalt Overlay	100%	\$ 7,222.50
Rip-Rap Bank & Shore	67%	\$17,342.00
Pavement Markings	100%	\$ 6,000.00
Excavate Canal to 3' depth (MHW)	46%	\$22,908.00

The majority of the deductions are the result of the Contractor's ability to save the existing roadway during the repair process deleting the need for roadway reconstruction line items. Additionally, the extent of the canal work was less than originally anticipated resulting in less Rip-Rap Bank & Shore as well as Canal Excavation.

Quantity Overruns:

The project required additional quantities for certain pay items to complete the project. The total amount of overrun cost is \$12,779.12 and is itemized as follows:

<u>Pay Item</u>	<u>Percent of Overrun</u>	<u>Additional Cost</u>
18" CAP	25%	\$ 769.50
Re-grade and Install Sod	45%	\$ 1,859.62
Install Swale Liner	50%	\$ 1,900.00
Sheet Pile Deadman	25%	\$ 8,250.00

The additional length of 18" outfall pipe was required to insure that the pipe extended out from the newly placed rip-rap embankment. The additional re-grading, sod and swale liner was required to make drainage improvements on the upstream side of the repair and the additional sheet pile was required due to avoid overhead conflicts with power lines.

Additional Items

The additional pay items provided in the project true-up encompassed the emergency work that Felix was required to perform in advance of the contract as well as some new items required during construction. The total amount of the additional items of work is \$13,155.13 and item itemized as follows:

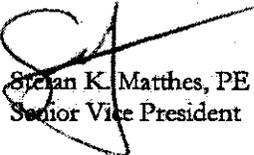
<u>Pay Item</u>	<u>Type of Item</u>	<u>Additional Cost</u>
MOB	Emergency Work	\$ 748.70
Debris Removal 9/4/12	Emergency Work	\$3,589.04
Debris Removal 9/5/12	Emergency Work	\$3,082.15
Remove Unsuitable Fill	Emergency Work	\$3,025.15
Canal Additional Displacement	New Work	\$1,790.38
Chain Link Fence	New Work	\$ 919.71

The majority items dealt with the immediate securing of the project site within 24 hours of the event and are noted as such below. The two new items were the installation of a chain link fence on top of the existing headwall that was removed during construction to facilitate additional dredging of the canal bottom.

We trust that this letter provides the justification for the true-up of the project and allows the final payment to be made to the contractor. As always, if you should have any questions regarding this submittal please do not hesitate to contact me at (772) 464-3537, ext. 114 or via the email referenced above.

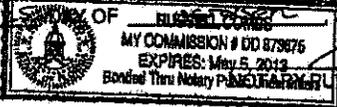
Sincerely,

CULPEPPER & TERPENING, INC.


Stephen K. Matthes, PE
Senior Vice President

cc: Ben Baummier



CONTRACTOR APPLICATION FOR PAYMENT	
Project Name: Floresta Emergency Repairs	Application No.: 2 & FINAL
Owner: City of Pt. St. Lucie, Florida	Date Prepared: 10/19/2012
Contractor: Felix Associates of Florida, Inc.	Period Beginning: 9/6/2012
	Period Ending: 10/10/2010
Engineer: Culpepper & Terpening, Inc. 2980 South 25th Street Ft. Pierce, Florida 34901	Felix's Project No.: 1089-041
<div style="font-size: 2em; font-weight: bold; transform: rotate(-15deg);">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; transform: rotate(-15deg);">NOV 02 2012</div> <div style="font-size: 1.5em; font-weight: bold; transform: rotate(-15deg);">ENGINEERING</div>	Owner's Contract No.:
	Dollar % Completion: 75.62%
	Last Change Order No.: 0
	Work Started:
	Contract Time(Days):
	Contract Completion Date: 10/10/2012
Analysis of Adjusted Contract Amount to Date:	
(A) Original Contract Amount	\$ 202,324.94
(B) Plus/Less: Changes per Schedule of Contract Change Orders	\$ 13,155.13
(C) Current Contract Amount to Date Based on Quantities	\$ 215,480.07
Analysis of Work Performed:	
(A) Total Value of Work Performed to Date	\$ 162,946.43
(B) Less 0% Retained	\$ -
(C) Net Value Earned on Contract to Date	\$ 162,946.43
(D) Less: Amount of Previous Applications	\$ 103,244.89
(J) Balance Due this Application	\$ 59,701.54
Contractor's Certification: The undersigned Contractor certifies that:	
<p>(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 all obligations of Contractor incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (1) Title to all Work, 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 interest and encumbrances (except such as are covered by Bond acceptable to Owner indemnifying Owner against such lien, claim, security interest or encumbrance); (3) All Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.</p>	
Dated 10.25, 2012	Felix Associates of Florida, Inc. Contractor By <u>Ben Baummier</u> Ben Baummier Project Manager
Acknowledgement:	
STATE OF FLORIDA, COUNTY OF ST LUCIE, BEFORE ME PERSONALLY APPEARED Ben Baummier TO ME WELL KNOWN TO BE THE PERSON DESCRIBED IN AND WHO EXECUTED THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO AND BEFORE ME THAT HE EXECUTED SAID INSTRUMENT FOR THE PURPOSES THEREIN EXPRESSED.	
WITNESS MY HAND AND OFFICIAL THIS	
MY COMMISSION EXPIRES 5/5/13	
Contractor's Recommendation: Payment of the above amount due this application is recommended	
Dated _____, 20	<u>CULPEPPER & TERPENING</u> Company Name
Approved by OWNER for Payment:	Owner <u>[Signature]</u> 11/5/12
By _____	By _____ Company Rep
Date:	

CONTRACT SIGN-OFF SHEET

City Contract: #20120100 CO #1

Name: Robyn Holder, CPPB

Date: November 5, 2012

Title: Emergency Repairs on Floresta Drive from Hurricane Issac

Contractor: Felix Associates of Florida, Inc.

Term of Contract: September 10, 2012 to October 5, 2012

Amount of CO #1: (\$39,378.51) & a decrease of 5 calendar days

New Contract Amount: \$162,946.43

Encumbrance Required: Yes (X) No ()

Item Was Budgeted: Yes (X) No ()

Expenditure From:	401	2500	534000	Y1250
	Fund	Cost Center	Object Code	Project #

City Attorney: _____ / /
Signature Date

Comments: _____

Risk Management _____ / /
Signature Date

Comments: _____

Department Head Approval: _____ / /
Signature Date

Comments: _____

Finance Approval: _____ / /
Signature Date

Comments: _____

Office of Management & Budget has received and completed all requested changes and attached are the Final Contract Documents.

OMB Confirmation: _____ / /
Signature Date