

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

COUNCIL ITEM 7E  
DATE 4/9/12

Meeting Date: April 9, 2012

Public Hearing  Ordinance  Resolution  Motion

Item: #20070008, City Wide Culvert Replacements & Sidewalk Construction, **Amendment #21, Change Order #5**, Melvin Bush Construction, E-8 Canal Drainage Improvements, Natural Resources Conservation Service (NRCS), Watershed Protection Program Project, \$10,260.55 cost increase for necessary additional work and true-up of figures for this project completion.

**Recommended Action:**

Approval of contract Change Order #5, Contract # 20070008, Amendment #21, with Melvin Bush Construction for E-8 Canal Drainage Improvements for the true-up of pay items for the completion of this project. The contract amount will increase by \$10,260.55 for a new total of \$1,905,735.63. Days for project completion remains at 231. Approval of contract change order document is also requested.

Vendor/Contractor has indicated that they do have a Drug-Free Workplace Program in place.

Exhibits: Department memo attached  yes;  no

Copy of the Amendment #21, **Change Order #5** document with backup information.  
Copy of correspondence from Captec Engineering, Inc.

**Summary Explanation/Background Information:**

Change Order #5 to Amendment #21 of the City's existing contract is for an increase in needed work and true-up of pay items for an increase of \$10,260.55 for a new contract amount of \$1,905,735.63. The changes in the scope of work and materials include various E-8 Canal locations. Changes include added inlets, MOT, remove/replace sidewalk at Kensington Drive, swale liner, sod, fence reset, needed fill and rock, 24" RCP and miscellaneous other needed items as stated in the Change Order #5 document. This is a 75% Natural Resources Conservation Service (NRCS) and 25% City funded project.

Purchase (x) is ( ) is not a replacement

This project has been budgeted.

**Total Expenditure**

Including all change orders to date:	\$1,895,475.08
Change Order #5	<u>10,260.55</u>
New Contract Total	\$1,905,735.63

Department requests expenditure from the following:

Fund	401	Stormwater Utility Fund
Cost Center	4126	Street & Drainage
Object Code	534000	Other contractual services
Project	Y1116	NRCS Grant-Emergency Watershed

Director of OMB concurs with award: 

City Manager concurs with award: 

Submitted by: Patricia Roebling

**RECEIVED**

Date Submitted: 4/3/12

Title: City Engineer

APR 04 2012

City Manager's Office



"A City for All Ages"

**CITY OF PORT ST. LUCIE**  
*Engineering Department*  
*Accredited Agency – American Public Works Association*

**MEMORANDUM**

**To:** Cheryl Shanaberger, Deputy Director of OMB  
Barbara Moquin, OMB Contract Specialist

**Thru:** James E. Angstadt, P.E. *SEA*

**From:** Larry Nadeau, Project Manager *[Signature]*

**Date:** April 2, 2012

**Re:** E-8 Canal Drainage Improvements - Natural Resources Conservation Service EWP Program  
Melvin Bush Construction, Inc.  
Contract #20070008 Amendment #21, Change Order #5 – Final True-Up

Attached please find a change order form, department memo and CAPTEC Engineering, Inc. support documentation for the Melvin Bush Construction, Inc. Change Order #5 to Contract #20070008 Amendment #21 for close out of the E-8 Canal drainage improvements. The Engineering Department is requesting authorization by the City Council for the City Manager to execute the necessary change order as referenced above and further described below.

Change Order #5 of the E-8 Canal drainage improvements involves the addition of new pay items and the adjustment of existing pay item quantities for a final true-up of the project. This change order involves the following:

- Additional pay-item under Schedule 2 for the installation of two Type C drainage inlets along Import Drive. The cost of the adjustment is \$3,318.00.
- Additional pay item under Schedule 3 for the removal and installation of the sidewalk along Kensington Street. The cost of the adjustment is \$5,904.50.
- Additional pay item under Schedule 4 for the installation of swale liner, floritam sod, fence reset along Logwood Road and establishing a gradall rate. The cost of the adjustment is \$3,021.40.
- Additional pay item under Schedule 7 for the installation of a permanent canal access entrance & ballast rock and establishing a skid steer rate at the B-15 WCS. The cost of the adjustment is \$1,683.00.
- Additional pay item under Schedule 10 for the installation of a new 24" concrete pipe along the canal, seed/mulch, and use of a trash pump to control water levels west of the B-15 WCS. The cost of the adjustment is \$8,378.94.

With consideration of all pay item adjustments, this final change order will result in an increase in the contract price of \$10,260.55 for a new contract total of \$1,905,735.63. This change order involves no additional contract time. This contract is funded by account number 401-4126-534000-Y1116.

The Engineering Department recommends approval of Change Order #5 as presented. Please schedule for presentation at the next available City Council meeting for their review and consideration. Two (2) original signed change order forms will be forwarded to your office once they have been signed by the contractor and engineer. If you have any questions or require additional information, please do not hesitate to contact me.

/In

Attachments

cc: Jesus Merejo – Utility Systems Director  
Patricia Rœbling, P.E. – City Engineer  
Kimberly Graham, P.E. – Assistant City Engineer  
Dave Pollard – OMB Director  
Susan Walsh, Manager-Operations



March 29, 2012  
801.5.4

Mr. Larry Nadeau  
City of Port St. Lucie  
900 SE Ogden Lane  
Port St. Lucie, Florida 34984  
(772) 871-5100  
Fax: (772) 871-7397

**RE: City of Port St. Lucie –  
Contract No. 20070008/Amendment No. 21 – E-8 Waterway NRCS EWP Repairs  
PO # 20112657-00  
Melvin Bush Construction, Inc.  
CHANGE ORDER NO. 5 – FINAL TRUE UP**

Dear Larry:

Please find attached the Final True-up Change Order No. 5 for the above referenced project with a final net increase to the Contract amount of \$10,260.55, and zero (0) additional days. The project was inspected on February 28, 2012 and found to be Substantially Complete.

In addition to adjustments to existing pay item quantities on the nine (9) projects contained in this Contract, this Change Order also establishes new pay items and unit prices for additional work items. The additional work items include:

- Schedule 2 – Installation of two (2) Type C Inlets at Import Drive & MOT for this installation at a cost of \$3,318.00.
- Schedule 3 – Removal and installation of 4" and 6" concrete sidewalk along Kensington Drive at a cost of \$5,904.50.
- Schedule 4 - Installation of Swale-Liner, Floritam Sod, Resetting Fence and an hourly rate for the use of a Gradall at Logwood Road at a cost of \$3,021.40.
- Schedule 7 – The use of a Skid Steer, the installation of fill and the installation of ballast rock for permanent canal access at a cost of \$1,683.00.
- Schedule 10 – Installation of 34 LF of 24" Pipe and seed and mulch along the canal and the use of a trash pump to control water levels west of the B-15 WCS at a cost of \$8,378.94.

Taking the above additional work items and the adjustments to the existing pay items on the various projects to account for over runs and under runs, the net increase for this Change Order amounts to \$10,260.55.

Mr. Larry Nadeau  
March 29, 2012  
Page Two

The breakdown on this Change Order is as follows:

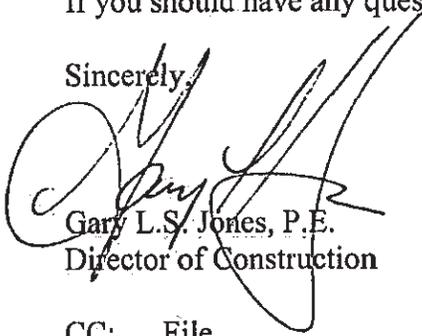
Original Contract Amount:	\$ 1,354,587.43	111 Days
Previous Change Order #1, #2, #3 & #4:	\$ 540,887.65	120 Days
Adjusted Contract Amount:	\$ 1,895,475.08	231 Days
Changes this Change Order:	<u>\$ 10,260.55</u>	<u>0 Days</u>
<b>Total</b>	<b>\$ 1,905,735.63</b>	<b>231 Days</b>

This Change Order does not provide for any additional Contract time. All other provisions of the Original Contract / Addendum remain in full force and effect.

CAPTEC has reviewed the cost associated with the above additional work items and has found them to be fair, reasonable and in line with terms of the Contract. Therefore, CAPTEC recommends approval of this Change Order and request the City's review and approval to proceed with processing. Please review the attached documentation and advise if acceptable. Three (3) copies of this Change Order will be submitted to the contractor for signatures if acceptable and will be forwarded to the City for further processing upon receipt by this office.

If you should have any questions, or require any additional information, please feel free to contact me.

Sincerely,



Gary L.S. Jones, P.E.  
Director of Construction

CC: File

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**CHANGE ORDER**

No.: Change Order # 5 - Final True Up

<b>PROJECT:</b>	E-8 Waterway NRCS EWP Repairs	<b>DATE OF ISSUANCE:</b>	_____
<b>OWNER:</b>	City of Port St. Lucie 121 SW Port St. Lucie Boulevard Port St. Lucie, Florida 34984		
<b>CONTRACTOR:</b>	Melvin Bush Construction, Inc. 2748 SW Casella Street Port St. Lucie, Florida 34953-2762	<b>OWNER's Project No.:</b>	<u>20070008/Amend #21</u>
		<b>ENGINEER:</b>	CAPTEC Engineering Inc.
<b>CONTRACT FOR:</b>	Contract #20070008 - Amendment #21 E-8 WW NRCS EWP Repairs	<b>ENGINEER's Project #</b>	<u>801.5.4</u>

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

**Description:** City of Port St. Lucie Contract No. 20070008 / Amendment #21  
Purchase Order No.: 20112657-00

**Purpose of Change Order:** **FINAL CHANGE ORDER**

- 1) Schedule 2 - Provides for an increase of \$3,318.00 to add inlets and MOT for drainage improvements at Import Drive.
- 2) Schedule 3 - Provides for an increase of \$5,904.50 to remove and replace 4" and 6" sidewalk along Kensington Drive.
- 3) Schedule 4 - Provides for an increase of \$3,021.40 to add swale liner, Floritam Sod, reset fence and establish a hourly rate for a gradall at Logwood Road.
- 4) Schedule 7 - Provides for an increase of \$1,683.00 to establish an hourly rate for a Skid Steer, furnish and install fill and installation of Ballast Rock for permanent canal access.
- 5) Schedule 10 - Provides for an increase of \$8,378.94 to add 24" RCP and Seed and Mulch along the E-8 Canal, and the use of a trash pump to control water levels west of B-15 Water Control Structure.
- 6) Provides for a true up of quantities on all nine (9) projects completed to reflect actual quantities required and accepted totalling (\$12,045.29).
- 7) There is no time associated with this Change Order. The project was inspected on February 28, 2012 and with the exception of a few minor items was found to be Substantially Complete.
- 8) All other provisions of the Original Contract / Addendum remain in full force and effect.

**Contract Time:**  
All work shall be completed by March 1, 2012 the Final Contract Completion Date.

Attachments: Exhibit B

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price <u>\$1,354,587.43</u>	Original Contract Time <u>111</u> date
Previous Change Orders 1, 2, 3 & 4 <u>\$540,887.65</u>	Net change from previous Change Orders 1, 2, 3 & 4 <u>120</u> days
Contract Price prior to this Change Order <u>\$1,895,475.08</u>	Contract Time prior to this Change Order <u>231</u> date
Increase this Change Order <u>\$10,260.55</u>	Net Increase of this Change Order <u>0</u> days
Contract Price with all approved Change Orders <u>\$1,905,735.63</u>	Contract Time with all approved Change Orders <u>231</u> date

<b>RECOMMENDED:</b>	<b>APPROVED:</b>	<b>APPROVED:</b>
By _____ Engineer	by _____ Owner	by _____ Contractor

CHANGE ORDER NO. 5 - FINAL TRUE UP

Schedule 1 -E-8 Canal Repairs @ E-48 Canal

4/2/2012

Description	Unit	Original Quantity	Original Unit Price	New Unit Price	New Quantity	Adjustment This CO	Amount
<b>Subtotal General Items</b>							
Roadway & Drainage Items:							\$0.00
<b>Subtotal Roadway and Drainage Items</b>							
Planting & Grassing Items							\$9,607.50
Performance Turf	SY	1470.0	\$3.15	\$3.15	4520	3050.00	\$9,607.50
<b>Subtotal Planting and Grassing Items</b>							
<b>SUBTOTAL SCHEDULE 1 CHANGES</b>							

Schedule 2 E-8 Canal Repairs @ Import Drive

<b>General Items</b>							
<b>Subtotal General Items</b>							
<b>Roadway and Drainage Items</b>							
Rip Rap	TN	199.3	\$168.00	\$168.00	111.39	-87.91	(\$14,768.88)
Type C Drainage Inlets	EA	0.0	\$0.00	\$1,285.00	2	2.00	\$2,570.00
MOT	Days	0.0	\$0.00	\$374.00	2	2.00	\$748.00
<b>Subtotal Roadway and Drainage Items</b>							
<b>Planting &amp; Grassing Items:</b>							
Performance Turf	SY	2417.0	\$3.15	\$3.15	4100	1683.00	\$5,301.45
<b>Subtotal Planting and Grassing Items</b>							
<b>SUBTOTAL SCHEDULE 2 CHANGES</b>							







