

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

COUNCIL ITEM 7M
DATE 11/13/12

Meeting Date: November 13, 2012

Public Hearing Ordinance Resolution Motion

Item: #20070008 Amendment #22 CO #1 City Wide Culvert Replacements & Sidewalk Construction - Pipe Replacements on Lyngate Drive

Recommended Action:

Approval of Contract #20070008 Amendment 22 CO #1 for the final true up on the replacement of metal culvert pipes on Lyngate Drive in the amount of \$19,961.29. The prices are based on contracted prices with Melvin Bush Construction Inc., City Contract #20070008. This project requires Federal Davis-Bacon provisions that meet CDBG-R reporting requirements which are part of the City Contract #20070008. The new Contract amount is \$81,315.89. There are nine (9) additional calendar days required for this change order. The new Contract period is twenty nine (29) calendar days.

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

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

Summary Explanation/Background Information: The existing metal culverts under Lyngate drive have deteriorated and the Community Development Block Grant (CDBG) will fund the replacement of this pipe with reinforced concrete culverts. This Change Order involves the final true up for the project resulting in an increase in the Contract amount of \$19,961.29 and nine (9) additional calendar days due to weather delays. The requirement of the project was to replace the failing culverts during off-peak hours so that the road could remain open during the day. This requirement prevented the use of well points and with the wet conditions created by Tropical Storm Issac it was not possible to use the on-site materials. During that time period there was a shortage of dry road rock. The alternative was to use black base asphalt. The wet conditions and time constraints resulted in the use of some non-contracted items. Please see summary memo for additional information.

The Public Works Department has reviewed the change order and requests Council approval.

Purchase (x) is a replacement. Purchase was budgeted.

Estimated expenditure: **\$19,961.29**
New Contract Amount: **\$81,315.89**

Department requests expenditure from the following:

Fund	118	CDBG
Cost Center	5900	Fed entitlement
Object Code	534000	Other contractual services
Project	00000	

Director of OMB concurs with award: *ARP* City Manager concurs with award: *MO*

Submitted by: Patricia Roebing
Title: City Engineer

Date Submitted: 10/25/2012

NOV 07 2012

CHANGE ORDER

(Instructions on reverse side)

No.: 1

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>20070008</u>
CONTRACTOR:	Mel Bush Construction, Inc 2748 SW Casella St Port St. Lucie, FL 34953 772-336-0623	ENGINEER:	Creech Engineers, Inc.
CONTRACT FOR:	City Wide Culvert Replacement and Sidewalk Construction - Amendment 22		

You are directed to make the following changes in the Contract Documents.
 Purpose of Change Order: Various additions and deletions, (see Attachment "A")
 All other contract provisions / addenda remain in full force & effect.

	Amount	Days:
Additional Asphalt (Blackbase)	\$9,743.54	0
Fill Material	\$4,212.00	0
Haul off Unsuitable	\$3,276.00	0
Asphalt Millings	\$3,150.00	0
Curb Replacement	\$764.75	0
Concrete Sidewalk 4"	\$600.00	0
Concrete Removal	\$1,325.00	0
	\$250.00	0
Delete Item		
Rip- Rap	-\$3,360.00	0
Weather Delays	\$0.00	9
	<u>\$19,961.29</u>	<u>9</u>

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$ <u>61,354.60</u>	Original Contract Time <u>20</u> days or date
Previous Change Orders \$ <u>-</u>	Net change from previous Change Orders <u>0</u> days
Contract Price prior to this Change Order \$ <u>61,354.60</u>	Contract Time prior to this Change Order <u>20</u> days or date
Net Increase (Decrease) of this Change Order \$ <u>19,961.29</u>	Net Increase (Decrease) of this Change Order <u>9</u> days
Contract Price with all approved Change Orders \$ <u>81,315.89</u>	Contract Time with all approved Change Orders <u>29</u> days or date

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

Attachment A

20070008 / 22

12727-01

MELVIN BUSH CONSTRUCTION, INC.

Underground Utilities
2748 S.W. CASELLA ST.
PORT ST. LUCIE, FL 34953

Tel (772) 336-0623
Fax (772) 336-0488

change order ^{RE-REVISED}

ADDITIONAL WORK ORDER

TO

CITY OF PORT ST. LUCIE
121 SW PORT ST. LUCIE BLVD
PORT ST. LUCIE, FL 34984

PHONE (772) 871-5177	DATE 10/3/2012
JOB NAME / LOCATION CITY OF PORT ST. LUCIE LYNGATE DRIVE CULVERT REPLACEMENT ADDITIONAL TO PROJECT	
CONTRACT / JOB NUMBER LYNGATE DRIVE	JOB PHONE

We hereby agree to the change(s) or additional work specified below:

CITY OF PORT ST. LUCIE
LYNGATE DRIVE CULVERT REPLACEMENT
RE-REVISED 10/03/12

ADDITIONAL ASPHALT (BLACKBASE)	57.1 TN	\$	170.64	\$	9,743.54
FILL MATERIAL	324 CY	\$	13.00	\$	4,212.00
HAUL OFF UNSUITABLE MATERIAL	468 CY	\$	7.00	\$	3,276.00
ADDITIONAL SOD / BAHIA	1000 SY	\$	3.15	\$	3,150.00
ASPHALT MILLINGS	59.98 TN	\$	12.75	\$	764.75
				\$	21,146.29
ADDITIONAL TO CONTRACT ITEMS:					
CURB REPLACEMENT	30 LF	\$	20.00	\$	600.00
CONCRETE SIDEWALK 4" THICK	25 SY	\$	53.00	\$	1,325.00
CONCRETE REMOVAL	25 SY	\$	10.00	\$	250.00
				\$	2,175.00
DELETE FROM CONTRACT:					
RIP-RAP	-20 TN	\$	168.00	\$	(3,360.00)
				\$	(3,360.00)
	TOTAL	\$		\$	19,961.29

NOTE: This Change Order becomes part of and in conformance with the existing contract.

We Agree hereby to make the change(s) specified above at this price \$ 19,961.29

Date of agreement: 10/3/2012

Authorized Signature

Melvin Bush
(CONTRACTOR)

PREVIOUS CONTRACT AMOUNT

\$61,354.60

REVISED CONTRACT TOTAL

\$81,315.89

Payment will be made as follows:

Accepted — The above prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.

Authorized Signature

(OWNER)

Date of acceptance:



"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 (via electronic submittal)

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

From: Frank Knott, Project Manager *JK*

Date: October 23, 2012

Re: City Wide Culvert Replacements and Sidewalk Construction
Contract Number 20070008, Amendment 22 - True-up Change Order
Melvin Bush Construction, Inc.

Attached, please find the request for Change Order No. 1 to the construction contract with Mel Bush Construction, 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 and represents an increase in the contract amount by nineteen thousand nine hundred sixty-one dollars and twenty-nine cents (\$19,961.29) with a 9 day increase to the contract time due to weather.

The goal of this project was to replace the failing culverts under Lyngate Drive during off peak hours and to limit disruption of motorist, school bus routes, public transportation and hospital/emergency travel.

The culverts were replaced during evening and early morning hours with the requirement of Lyngate Drive opening each morning by 6:00 am. The requirement to have the road opened each morning prevented the use of well points and with the wet conditions created by Tropical Storm Isaac, onsite material was not able to be re-used and had to be discarded and replaced with dry material. Also, dry road rock was unable to be obtained during this time and was substituted with black base. The wet conditions and time constraints resulted in the use of the following non-contracted items.

- Black Base \$9,743.54
- Removal of Unsuitable Material \$3,276.00
- Asphalt Millings \$764.75

This project is fully funded through a Community Development Block Grant (CDBG) and the account number associated with Amendment 22 is 118-5900-534000-Y1107. Please schedule this for presentation at the next available City Council meeting. If additional documentation is needed or if you have any questions, please let me know.

Attachments

s:\projects\sidewalks\lyngate\lyngate pipe crossing\correspondance\memo to omb lyngate culverts co - bush.doc

CREECH
ENGINEERS INC.
CIVILIZATION ENGINEERED

501 SE Port St Lucie Boulevard, Suite 101
Port St Lucie, Florida 34984
Ph: (772) 249-0733, Fax: (772) 220-7881

October 12, 2012

Frank Knott
Project Manager
City of Port St Lucie Engineering Dept
121 SW Port St Lucie Blvd
Port St Lucie, FL 34984

RE: City of Port St Lucie Lyngate Culvert Replacement
City Wide Culvert Replacement and Sidewalk Construction Amendment #22
Melvin Bush Construction, Inc.
Contract No. 20070008; Amendment #22; Requisition 00000551
Final Completion

Mr. Knott:

This letter is to verify that the pipe replacement and related construction for the above reference project, to the best of our knowledge and belief, has been completed and is operational.

The original contract amount was 61,344.60. There was one change order for a net increase of \$19,961.29 that was mostly due to weather conditions. The final completed contract amount is \$81,315.89. Upon receipt of final paperwork, we recommend the release of final payment and retainage.

If you have any questions or need any additional information, please feel free to contact me by phone at the number above, by cell phone at 772-201-0006 or by email at the address listed below.

Sincerely,
Creech Engineers, Inc.



Howard Ehram, P.E., CGC, LEED AP
Sr. Project Manager
hehram@creechinc.com