



CITY OF FLAGSTAFF – CHANGE ORDER

CONFIRMING CHANGE ORDER NO. 3
 CONSULTING CONTRACT CHANGE ORDER NO. _____
 CONSTRUCTION CONTRACT CHANGE ORDER NO. _____

PROJECT NO. 243700 PROJECT NAME: La Plaza Vieja 2010 Bond Projects

FILE NO. 03-11027 Project Manager: Trevor Henry

TO: LP's Excavating, Inc.

You are hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract. Description of work to be done:

Provide additional work that was outside of the project scope, resulting in coordination efforts to resolve conflicts with natural gas facilities and unforeseen field conditions resulting in additional trench rock excavation and trench pavement surfacing for the new sewer infrastructure. The additional work resulted in additional costs that were outside of the contract amount, the cost was negotiated and the final amount is compensation that the City will provide. The addition work and cost will be paid for in accordance with the approved construction documents and in an amount not to exceed \$120,093.43 and 0 additional calendar days.

Change Order originated by: CITY OF FLAGSTAFF CONTRACTOR CONSULTANT OTHER _____

Project Manager	<u>July 2, 2015</u>	Approval Recommended	
C.O. Committee Meeting Date	<u>July 2, 2015</u>	Approval Recommended	
Community Development Dir.	<u>July 2, 2015</u>	Approval Recommended	
City Attorney	<u>July 2, 2015</u>	Approval Recommended	
City Manager	<u>July 2, 2015</u>	Approval Recommended	_____
City Council Meeting Date	<u>July 21, 2015</u>	Approval Recommended	_____

ORIGINAL CONTRACT PERIOD	<u>150</u> Days ^{Date} (12/12/13)	ORIGINAL CONTRACT VALUE	\$ <u>1,741,893.15</u>
PRIOR TIME CHANGES	<u>65</u> Days (06/11/14)	TOTAL PRIOR VALUE CHANGES	\$ <u>165,831.35</u>
THIS TIME CHANGE	<u>0</u> Days (06/11/14)	VALUE OF THIS CHANGE	\$ <u>120,093.43</u>
NEW CONTRACT PERIOD	<u>215</u> Days (06/11/14)	NEW CONTRACT VALUE	\$ <u>2,027,817.93</u>

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices and time extensions shown above.

FIRM NAME: LP's Excavating, Inc.

Accepted Date 7/6/15 By

CITY OF FLAGSTAFF

<input checked="" type="checkbox"/>	CONFIRMING CHANGE ORDER NO.	<u>3</u>
<input type="checkbox"/>	CONSULTING CONTRACT CHANGE ORDER NO.	<u> </u>
<input type="checkbox"/>	CONSTRUCTION CONTRACT CHANGE ORDER NO.	<u> </u>

PROJECT NO. 243700PROJECT NAME: La Plaza Vieja 2010 Bond ProjectFILE NO. 03-11027PROJECT MANAGER: Trevor Henry

JUSTIFICATION: This project was programmed near the completion of the 2010 Bond Program. The design of the project considered minimal work for installation of new water and sewer infrastructure. The plan was to ensure the project met the intent of the scope and allowed for the overall 2010 Bond Program to be delivered on budget and time. Prior to the completion of the project, additional work and costs were submitted for City consideration. The City reviewed and discussed the additional costs with the appropriate agency for compensation. The City decided to compensate the contractor for the negotiated amount, which will allow the project to begin the close out process. Discussion with the agency may continue for reimbursement, the discussion will be dependent on further City staff review. The additional work is as follows:

The project included the natural gas utility to determine their infrastructure location in relationship to the new water, sewer mains and manholes. Once the project started, the natural gas information provided at the design level did not reflect what the potholing efforts yielded. In order to continue with the schedule, the natural gas agency was required to relocate their utilities in order for the sewer main and manholes to be constructed. The project began work in other areas of the neighborhood and realized additional relocation work was necessary. In order to salvage what was left of the schedule, the project modified the sewer infrastructure, per the engineering standards, to avoid further natural gas facilities. The modifications required manholes to be moved, sewer services lines to be moved and additional potholing efforts. The Compensation is for the work that resulted from the modifications.

The project intended to remove the existing sewer main which was constructed in the 1920's and replace it in-kind but with newer materials. The intent was to use the existing trench, horizontal and vertical, with minimal work to bring it into compliance. The City's field logs could not depict if the sewer mains were constructed for gravity flow or in a straight grade. As construction began, excavation determined the existing trenches were non-conforming for width, vertical and horizontal alignment. Rock was encountered and further compounded the work to bring the existing trenches into conformance. In order to construct the sewer mains as designed and conform to engineering standards, additional trench rock excavation work was required. The contractor made an attempt to construct the project while absorbing the additional trench rock excavation work. However, when the existing alignment was too far out of conformance, and the amount of work for the additional trench rock excavation was beginning to become difficult for the contractor to absorb, compensation was required.

Due to the additional work related to the natural gas coordination efforts, modifications of the sewer mains and manholes, as well as the additional work for the trench rock excavation, the project entered a winter shut down. A winter shut down was not planned and required the contractor to provide an all weather surface for the uncompleted trenches. Temporary asphalt was placed and maintained through the winter shut down until work was resumed the following spring. The project was located in La Plaza Vieja neighborhood. The cost for the temporary asphalt will be paid.

TIME ANALYSIS: There is no time extension necessary with this conforming change order. The winter shut down was effective November 30, 2013, work resumed on March 5, 2014. Final Completion of the project was issued on April 9, 2015.

COST ANALYSIS: This change order was prepared and will require approval from the City Council as the City Manager's authority has been exhausted. The change order amount will be added to the previous authorized contract amount.

Original Contract Value:	\$1,741,893.15
Value of previous changes:	\$ 165,831.35
Value of this Change:	<u>\$ 120,093.43</u>
New Contract Value:	\$ 2,027,817.93

The project was funded by the general obligation bonds from the 2010 Bond program in a principal amount up to \$16,500,000. The cost of Change Order #3 was included in the latest summary for the entire 2010 bond program but will be funded by the Utility Department's Sewer Replacement Fund WW3220. This increased contract amount due to Change Order #3 will not affect the overall delivery of the 2010 Bond projects.

Original Change Order Authority	\$166,000.00
Change Order No. 1	\$ 86,943.40
Change Order No. 2	<u>\$ 78,887.95</u>
Change Order City Manager's Authority Remaining	\$ 168.65
Change Order #3 City Council Request Amount	\$120,093.43

CITY OF FLAGSTAFF				PROJECT STATUS FORM
PROJECT NAME: La Plaza Vieja 2010 Bond Projects				<input type="checkbox"/> Design <input checked="" type="checkbox"/> Construction <input type="checkbox"/>
PROJECT NO. 243700				FILE NO. 03-11027
ACCT NO. 403-09-421-3265-6-4443	94 %	\$1,907,724.50		
ACCT NO. 203-08-375-3220-0-4421	6%	\$120,093.43		
		NEW CONTRACT TOTAL		\$2,027,817.93
CITY COUNCIL APPROVAL: June 4, 2013				ORIGINAL CONTRACT AMT: \$1,741,893.15
BUDGET AMT: \$2,100,000		FY: 13/14		
NOTICE TO PROCEED: July 15, 2013		TIME (No. Days): 150		
COMPLETION DATE: April 9, 2015		ORIGINAL CONTRACT ALLOWANCE: \$80,000.00		
CONSULTANT: Parsons Brinckerhoff, Inc.		LOCATION: Tempe, Arizona		
CONTRACTOR: LP'S Excavating, Inc.		LOCATION: Williams, AZ		
Project Manager: Trevor Henry				
Change Orders	C.O. Amount	C.O. Day	Council Date	REASON FOR CHANGE
Revision Date	New Total	New Total	New Comp. Date	
1	\$86,943.40	14	N/A	Construct full depth pavement on Elliot Street between Clay Ave. and Tombstone Ave. and install 255 feet of a new 8" water main from the end of Tombstone Ave. to an existing 16" main.
10/17/13	\$1,828,836.55	171	01/02/14	
2	\$78,887.95	21	01/02/14	Added concrete infrastructure removal and replacement and compensation for rock excavation which was not anticipated during the design and bidding of the project.
5/8/14	\$1,907,724.50	226	06/11/14	
3	\$120,093.43	0	7/21/15	Work for re-design and modification of sewer manholes, services. Work for additional trench rock excavation to bring sewer trenches into conformation and temporary asphalt for an unplanned winter shut down.
7/21/15	\$2,027,917.93	226	6/11/14	

COMMENTS: _____

NOTE: IF CHANGE ORDER ACCOUNT NUMBER OR DISTRIBUTION DIFFERS FROM THAT ABOVE, IT MUST BE SPECIFICALLY NOTED.

ITEMS	AMOUNT
#2 - Phoenix Ave Gas Potholing	\$193.63
#4&5 - Clay and Elliot MH #3 Gas	\$15,079.19
#6 - Alley No. 3 Gas Potholing	\$878.55
#7- MH No.5 Gas	\$7,214.02
#1-#3-#19 - Rock Sewer paved streets	\$10,738.80
#1-#3-#19 - Rock Sewer alleys	\$13,187.88

Total \$47,292.07

Rock Sewer alley additional cost \$17,113.00

Rock Sewer roads additional cost \$19,545.00

Balance \$83,950.07

Temporary asphalt \$36,143.36

Balance Due \$120,093.43