

**EAGLE MOUNTAIN CITY
CITY COUNCIL MEETING
MARCH 3, 2015**

TITLE:	Change Order #4 – VanCon Construction Company, for the Pony Express Pipeline Project		
FISCAL IMPACT:	\$124,135.92 (GL#48-81-51100-7009)		
APPLICANT:	David C. Norman, Public Works Director		
GENERAL PLAN DESIGNATION	CURRENT ZONE	ACREAGE	COMMUNITY
N/A	N/A	N/A	

NOTICES:

- Posted in 2 public places
- Posted on City webpage
- Notice to newspapers

REQUIRED FINDINGS:

Public Works Board Recommendation
Vote: N/A

Prepared By: David C. Norman

NOTES/COMMENTS:

RECOMMENDATION:

That the City Council approve a change order with VanCon Construction Company for \$124,135.92 for additional work on the 24” Pony Express Waterline Project.

BACKGROUND:

The City contracted with VanCon Construction Company to construct approximately 2.5 miles of 24” ductile iron pipe along Pony Express Parkway from 800 West in Saratoga Springs up close to Cedar Drive in Eagle Mountain City to deliver water from the CWP Water Supply Project.

This change order is a culmination of several items that needed to be modified over the course of the project. The additions address changes that needed to be made in the field as the pipeline was being installed. Refer to the attached change order #4 for a detailed breakdown of work that needed to be done and the associated costs. Item 5 and item 8 are significant changes due to what was encountered underground vs. what was identifiable above ground as the project was designed. Particularly Item 5, Kern River Gas Company required additional safety measures around the high pressure gas lines after they were exposed which resulted in a significant amount of additional labor. The sprinkler system and utility crossings were identified in the construction drawings. Unfortunately, with the information that was available to us and the engineers during design, only those that were visible above ground and those that were identified with the limited existing utility drawings that we had were included in the design drawings. As additional sprinkler lines and utilities were found, the contractor would work around and through these areas. Additional man hours and supplies were needed to complete these crossings and the change order reflects the cost associated with the changes. Item 9 is the cost that was incurred when we first tried to shut down Pony Express Parkway and install the new CWP line to our existing system. It was originally hoped that we could isolate the water system and impact very few homes. It was quickly determined that, due to pressure zones and leaking valves, that it would require a much larger shut down and it was determined to do this work overnight, since it required shutting down nearly half of the homes in The Ranches area. The final item

13, is a reduction from the contractor to cover the additional time required to have the Engineering Inspector on site while the contractor repaired a few leaks in the system and a broken valve, after the summer season was over. This item will be added to the engineering firm's contract as an addition.

A breakdown of the budget for this project is shown below:

Total Approved (not to exceed)	\$3,400,000.00
- Construction Contract	\$2,535,570.00
- Construction Change Order 1	(\$2,726.00)
- Construction Change Order 2	\$61,847.92
- Construction Change Order 3	\$19,438.38
- Construction Change Order 4	\$124,135.92
Total Construction Cost	<u>\$2,738,266.22</u>
- Engineering Contract (current)	\$94,329.00
- Engineering Contract Change Order	\$10,597.00
Total Engineering Contract Cost	<u>\$104,926.00</u>
Current Cost w/ Change Orders	<u>\$2,843,192.22</u>
Remaining Budget	<u>\$556,807.78</u>