

Meeting Date (?) 04/26/2016

Subject Matter * (?) Bryan Cemetery Expansion Change Order #3
This must match rolling agenda entry

Department of Origin * ENGINEERING DEVELOPMENT

Submitted By * W. Paul Kaspar

Type of Meeting * BCD Special Regular

Classification * Public Hearing Consent Statutory Regular

Ordinance * None First Read Second Read First & Only Read

Strategic Initiative * Public Safety Service
 Economic Development Infrastructure
 Quality of Life

Agenda Item Description * Consider approval of Change Order No. 3 to the City of Bryan Cemetery Expansion Contract, City Project Number 572-D5-1303, to CLM Energy Services, L.L.C., for the not to exceed amount of \$116,551.94, and authorizing to reset the City Manager's change order authority for this project.

Summary Statement *

This base construction contract includes the expansion of the City of Bryan Cemetery into the approximately 18-acre tract located between Plum Street and Old Kurten Road north of existing cemetery grounds. This expansion includes the realignment of North Washington Street between Plum Street and the existing connection to Old Kurten Road. The project will consist of site clearing and demolition of the existing North Washington Street asphalt pavement and installation of erosion controls and temporary traffic controls. Site utilities will include storm drainage, underground water and electrical utilities, and light poles. Approximately 3,300 square yards of asphalt paving will be required for the road realignment. Installation of approximately 7,000 square yards of interior concrete cemetery roads also will be required.

Change Order No. 3 will replace 6-inch lime stabilized subgrade with 12-inches of 3% cement stabilized subgrade, and replace the 6-inches of flexible base with 8-inches flexible base for the Washington Road realignment. This change is in accordance with recommendations from the Geotechnical Investigation completed after unacceptable soil conditions were found during construction preventing construction of the road to normal city standards. The change order also includes a road apron to connect a section of the existing Old Kurten Road to the new Washington Road realignment, and eliminate demolition of a section of Old Kurten Road. This change will provide access for future development of the area northeast of the cemetery. Additionally, a storm sewer redesign was required because of interference with a water main and additional footage of 30-inch diameter storm sewer pipe that was called out on the plans but not included in the bid item. Finally, a 6-foot tall wood privacy fence along residential backyards adjacent to the cemetery is included that was not in the original bid items but found necessary as the current fence encroached on the cemetery property.

The original contract price was \$1,139,858.58; there have been two change orders with a total cost of \$26,165.70, (change order #1 for \$9,544.50; change order #2 for \$16,621.20) for a new total of \$1,166,024.28. These two change orders result in a total increase of 2.30% in the contract original value prior to Change Order No. 3. Change Order No. 3 has a cost of \$116,551.94, which is 10.23% of the original contract price, and results in a total increase to the original contract price of 12.52%, which is below the 25% limit for the project. The new contract amount will be \$1,282,576.22.

To facilitate possible small change orders as the project moves forward, staff also requests the City Manager's authority be reset with the approval of Change Order #3 and prior Change Orders 1 and 2. Any single change order greater than \$25,000 would come to the City Council for approval and any change order that brings the cumulative total over \$50,000 would also come to City Council. If the authority is not reset, the City Manager would only be able to authorize \$23,834.43 in change orders before coming back to the City Council for approval.

Staff Analysis & Recommendation *

The existing soils encountered during construction were found to be unsuitable as a road subgrade with the standard lime stabilization and base material specified in City standards. A geotechnical investigation by Terracon recommended to substitute the standard 6-inch lime stabilized subgrade and 6-inches of base material with 12-inches of 3% cement stabilized subgrade and 8-inches of base material. This change will provide for a more stable road construction and potentially fewer future maintenance issues. Relocating the storm sewer from the original design will eliminate the need to add the cost of relocating a water main. The addition of the apron connecting a portion of the existing Old Kurten Road to the new Washington Street re-alignment will maintain access and help to facilitate future development of the property to the northeast of the cemetery. The additional storm sewer pipe is necessary to provide proper drainage and prevent potential standing water within the expanded cemetery. The fencing along the property line adjacent to the homes on Plum Street will help to maintain privacy and prevent possible disruptions of future funeral services.

Staff recommends the City Council approve the proposed Change Order No. 3 to the Cemetery Expansion Contract, City Project Number 572-D5-1303, in the not to exceed amount of \$116,551.94, and reset the City Manager's change order authority for this project.

Options *

(In Suggested Order of Staff Preference)

1. Approve Change Order 3 and reset the City Manager's change order authority
2. Approve Change Order 3 and do not reset the City Manager's change order authority
3. Do not approve Change Order 3

Funding Source *

Street Improvement Fund (Fund 240) \$88,261.94; Cemetery Trust Fund (Fund 705) \$28,290.00.

Attachments

Cemetery Change Order 3 Attachments.pdf

8.95MB

Please detail attachments and note attachments available for viewing in City Secretary's Office:

1. Change Order No. 3 to City Bryan Cemetery Expansion Project (dated April 5, 2016)

Dept. Head Signature

JAYSON E. BALFNECHT 04/15/16

**Deputy City Manager
Signature**

Hugh R. Walker

City Manager Signature



City Attorney Signature

Janis K. Hampton