



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 04/11/2023

REQUESTER: Joseph Hill, Streets Program Manager

PRESENTER: Shawn O'Leary, Director of Public Works

TITLE: CONSIDERATION OF APPROVAL, ACCEPTANCE, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF CHANGE ORDER NO. TWO TO CONTRACT K-2223-8: BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, AND CIMARRON CONSTRUCTION COMPANY DECREASING THE CONTRACT BY \$114,271.75 FOR A REVISED CONTRACT AMOUNT OF \$394,332.25 FOR THE FYE 2023 BRIDGE MAINTENANCE PROGRAM, FINAL ACCEPTANCE OF THE PROJECT, AND FINAL PAYMENT IN THE AMOUNT OF \$19,716.61.

BACKGROUND:

The Oklahoma Department of Transportation (ODOT) is tasked by the Federal Highway Administration (FHWA) to perform Bridge Safety Inspections for all publicly owned structures greater than 20 feet in length. Inspections are performed at least once every two years to identify any critical findings, document the bridge condition and make repair recommendations if necessary. The City of Norman currently has 75 bridges requiring inspection per FHWA criteria.

On October 26, 2021, City Council approved Resolution R-2122-45, selecting H.W. Lochner, Inc. as the City of Norman's appointed Bridge Inspection Consultant to the Oklahoma Department of Transportation for compliance with the National Bridge Inspection Standards.

H.W. Lochner completed the required Bridge Safety Inspections in December 2021, and provided the inspection reports to city staff. Data obtained from the Bridge Safety Inspections were used to identify bridges that are in need of rehabilitation, maintenance, and/or replacement.

The 2021 Bridge Safety Inspection results identified 4 structurally deficient bridges, 8 functionally obsolete bridges, and 14 bridges at risk of becoming structurally deficient. Based on this data, city staff identified and ranked bridges in need of maintenance activities. This project will perform the identified maintenance activities on ten (10) bridges within the city limits that are deemed to be our highest priorities for maintenance as listed below:

- NBI No. 07175 – E. Stella Rd. (0.3 miles west of 144th Ave. NE)
- NBI No. 25114 – E. Alameda St. (0.1 miles west of S. Carter Ave.)
- NBI No. 25115 – E. Alameda St. (20 feet east of S. Carter Ave.)
- NBI No. 20609 – Franklin Rd. (0.8 miles east of Indian Meridian Ave.)

NBI No. 28824 – 36th Ave. NW (0.6 miles south of W. Robinson St.)
NBI No. 12331 – E. Brooks St (300 feet east of Oklahoma Ave.)
NBI No. 10884 – 72nd Ave. SE (0.1 miles south of Cedar Lane Rd.)
NBI No. 20084 – Crossroads Blvd. (0.2 miles east of 36th Ave. NW)
NBI No. 10269 – 156th Ave. NE (0.3 miles south of Franklin Rd.)
NBI No. 19348 – Franklin Rd. (0.2 miles west of 72nd Ave. NE)

On August 23, 2022, City Council approved Contract K-2223-8 with Cimarron Construction Co., in the amount of \$424,424 to perform maintenance activities on the aforementioned bridge locations as part of the City's annual Bridge Maintenance Program.

On January 10, 2023, City Council approved Change Order No. 1 to Contract K-2223-8 with Cimarron Construction Co., in the amount of \$84,180 and added three (3) new pay items for additional maintenance activities to Bridge NBI No. 20084 located on Crossroads Boulevard.

DISCUSSION:

Construction projects are awarded to the lowest responsible bidder. Contractor bids are determined using estimated plan quantities multiplied by the contractor's unit prices for all bid items of the contract. The total of all of these costs represents the contractor's bid. During construction, each quantity is verified in the field and the contractor is to be reimbursed based on the actual quantity of materials and/or labor used.

Of the twenty-two (22) bid items associated with the original bid and three (3) items associated with Change Order No. 1, nineteen (19) items have a quantity change. Four (4) quantity changes resulted in increased cost, while fifteen (15) quantity changes resulted in decreased cost for an overall decrease of \$114,271.75 or 22%. If approved, the overall contract will decrease from \$508,604 to \$394,332.25. Please see the attached Change Order No. 2 for a complete list of proposed bid item cost increases and decreases.

The Bridge Maintenance Program is being recorded in Project TC0254.

RECOMMENDATION 1:

Staff recommends that Change Order No. 2 decreasing Contract K-2223-8 by \$114,271.75 from \$508,604 to \$394,332.25 for the FYE 2023 Bridge Maintenance Program with Cimarron Construction Co., be approved.

RECOMMENDATION 2:

Staff further recommends final acceptance of the FYE 2023 Bridge Maintenance Program, Contract K-2223-8, and final payment to Cimarron Construction Co., be approved in the amount of \$19,716.61.