



Engineering Contracts Services

2829 W. Howard Place
Denver, CO 80204

RE: Joint Committees Report of 2022 Calendar Year Projects Awarded Pursuant to CRS 43-1-113(16)

The Colorado Department of Transportation (CDOT) is required to report annually to the joint committees of the general assembly that have jurisdiction over transportation on projects awarded pursuant to CRS 43-1-113 (16). In accordance with CRS 43-1-113(16)(II) this report identifies each project awarded, the rationale for making the award, and estimated amount of cost savings achieved by making the award.

CDOT awarded a total of 115 road and bridge construction projects through the competitive bid process in 2022, with ten (10) of the projects awarded pursuant to CRS 43-1-113(16) as follows:

- 1. Project NHPP 1211-096 (23112):** The project located in CDOT's Region 1 in Jefferson County on SH 121A/Wadsworth Boulevard for traffic signal upgrades, curb ramp and pedestrian island improvements at three intersections.

Competitive bids for the project were received on December 9, 2021, with the award made to the lowest responsive bidder Sturgeon Electric Company, LLC based on their bid in the amount of \$1,832,965.00 which was 18.25% above the engineer's estimate. Two bids were received on the project with the second low bid at \$2,071,793.00. The engineer's estimate prior to receipt of bids was \$1,550,097.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Sturgeon Electric Company, LLC resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, and the potential cost of safety to the traveling public associated with delays of not completing the necessary intersection improvements.



- 2. Project ITS 0703-477 (23838):** The project located in CDOT's Region 1 in Clear Creek and Summit Counties was for various information technology improvements at the Eisenhower Johnson Memorial Tunnel consisting of the replacing closed caption television cameras, ethernet switches, variable message signs, lane use control signs/signals, and fiber optic cable.

Competitive bids for the project were received on January 6, 2022, with the award made to the lowest responsive bidder Sturgeon Electric Company, LLC based on their bid in the amount of \$8,447,636.00 which was 63.49% above the engineer's estimate. One bid was received on the project. The engineer's estimate prior to receipt of bids was \$5,167,055.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Sturgeon Electric Company, LLC resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, and the potential cost of safety to the traveling public associated with delays of not completing the necessary tunnel improvements.

- 3. Project NHPP 1601-083 (22193):** The project located in CDOT's Region 5 in Montezuma County was for various roadway improvements on US 160 consisting of shoulder widening, guardrail replacement, signing and striping, passing lane construction, culvert extensions, and bridge deck repairs.

Competitive bids for the project were received on February 3, 2022, with the award made to the lowest responsive bidder A&S Construction Company based on their bid in the amount of \$21,890,679.16 which was 20.85% above the engineer's estimate. Two bids were received on the project with the second low bid at \$22,350,277.47. The engineer's estimate prior to receipt of bids was \$18,113,461.21.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder A&S Construction Company resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary roadway improvements.



- 4. Project NHPP 0063-063 (23110):** The project located in CDOT's Region 3 in the City of Grand Junction in Mesa County for various roadway improvements on US 6 consisting of asphalt resurfacing, median narrowing and reconfiguration, barrier replacement, traffic signal upgrades, sidewalk, curb and gutter, and drainage improvements.

Competitive bids for the project were received on February 24, 2022, with the award made to the lowest responsive bidder Oldcastle SW Group, Inc. based on their bid in the amount of \$9,208,179.50 which was 25.31% above the engineer's estimate. Two bids were received on the project with the second low bid at \$10,121,937.70. The engineer's estimate prior to receipt of the bid was \$7,348,166.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Oldcastle SW Group, Inc. resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary roadway improvements.

- 5. Project C 0703-499 (24668):** The project located in CDOT's Region 1 in Clear Creek and Summit Counties was for tunnel wall improvements at the Eisenhower Johnson Memorial Tunnel consisting of repairing north tunnel grout beds and the reset of shifted wall panels due to moisture and ice behind the tunnel wall.

Competitive bids for the project were received on March 31, 2022, with the award made to the lowest responsive bidder ABCO Contracting, Inc. based on their bid in the amount of \$1,341,361.00 which was 48.29% above the engineer's estimate. Two bids were received on the project with the second low bid at \$1,552,461.00. The engineer's estimate prior to receipt of bids was \$904,550.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder ABCO Contracting, Inc. resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, and the potential cost of safety to the traveling public associated with delays of not completing the necessary tunnel wall improvements.



6. **Project ITS 0741-024 (24152):** The project located in CDOT's Region 1 at various locations on SH 74, US 285, and I-70 for the replacement and installation of variable message signs, variable speed limit signs, and cameras.

Competitive bids for the project were received on June 2, 2022, with award made to the lowest responsive bidder Morton Electric, Inc. based on their bid in the amount of \$2,152,940.00 which was 42.77% above the engineer's estimate. Two bids were received on the project with the second low bid at \$2,304,897.00. The engineer's estimate prior to receipt of bids was \$1,508,000.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project much later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Morton Electric, Inc. resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary traffic control improvements.

7. **Project NHPP 072A-047 (23176):** The project located in CDOT's Region 1 in Jefferson County on SH 72 for roadway resurfacing, and for improvements on Ward Road consisting of median additions, signal upgrades and replacements, curb ramp upgrades, guardrail improvements, and signing and striping.

Competitive bids for the project were received on June 9, 2022, with award made to the lowest responsive bidder Brannan Sand and Gravel, LLC based on their bid in the amount of \$8,097,793.64 which was 12.67% above the engineer's estimate. Only one bid was received on the project. The engineer's estimate prior to receipt of the bids was \$7,187,399.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project much later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Brannan Sand and Gravel, LLC resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary roadway improvements.



- 8. Project MTCE 0253-291 (24684):** The project located in CDOT's Region 4 in Larimer and Weld Counties on I-25 consists of removing and replacing signs in various locations to the Wyoming boarder.

Competitive bids for the project were received on June 16, 2022, with the award made to the lowest responsive bidder Ralph L. Wadsworth Construction Company based on their bid in the amount of \$2,499,799.84 which was 31.35% above the engineer's estimate. Two bids were received on the project with the second low bid at \$2,630,976.13. The engineer's estimate prior to receipt of bids was \$1,903,193.50.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project much later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Ralph L. Wadsworth Construction Company resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary roadway improvements.

- 9. Project C 5502-111 (23623):** The project located in CDOT's Region 5 in Ouray County on US 550 consists of the installation of remote avalanche control systems at mile markers 81 and 89.

Competitive bids for the project were received on October 27, 2022, with the award made to the lowest responsive bidder Geovert, LLC based on their bid in the amount of \$744,942.00 which was 32.84% above the engineer's estimate. Two bids were received on the project with the second low bid at \$766,961.00. The engineer's estimate prior to receipt of bids was \$560,775.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome due to the limited number of contractors that perform this unique type of work, and that higher pricing would be received from delays of a rebid process in the existing construction market. A bid analysis was conducted to review the bid pricing from the low dollar bidder Geovert, LLC resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary avalanche control system improvements.



- 10. Project STR C090-001 (23292):** The project located in CDOT's Region 2 in Otero County at the US 50B and SH 72 intersection for safety improvements associated with traffic signal upgrades and roadway widening.

Competitive bids for the project were received on November 17, 2022, with the award made to the lowest responsive bidder Arrow Electric Service, Inc. based on their bid in the amount of \$2,854,417.85 which was 24.11% above the engineer's estimate. Two bids were received on the project with the second low bid at \$3,206,988.70. The engineer's estimate prior to receipt of bids was \$2,300,000.00.

Rationale for award of the project: CDOT determined a rebid of the project would not likely yield a better outcome, and that higher pricing would be received from delays of a rebid process in the volatile construction market. Rebid of a project much later in the construction season when the construction contracting community capacity is limited results in higher prices being bid. A bid analysis was conducted to review the bid pricing from the low dollar bidder Arrow Electric Service, Inc. resulting in their bid offer being deemed acceptable for award.

Estimated cost savings for award of project: Quantifiable cost savings are not available for this report. Cost savings were realized in the areas of administrative savings of not performing a rebid of the project, savings from locking in bid pricing versus potential higher bid pricing from a rebid of the project, savings on reduced maintenance costs for repairs that would need to be performed by CDOT forces due to delays in the project being awarded, and the potential cost of safety to the traveling public associated with delays in completing the necessary traffic control improvements.

-End of Report-