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ENGINEERING SERVICES

To: Mayor and Town Council

From: Hulon T. Webb, Jr., P.E., Director of Engineering Services

Through: Ron K. Patterson, Interim Town Manager
Chuck Ewings, Executive Director of Development and Infrastructure Services

Re: Lower Pressure Plane (LPP) Pump Station and LPP Water Line Phase 2:
Change Order Number 01

Town Council Meeting – January 10, 2023

Agenda Item:

Consider and act upon approving Change Order Number 01 for CSP No. 2022-05-B, EDA Award No. 08-79-05522 to Archer Western Construction, related to construction services for the Lower Pressure Plane (LPP) Pump Station and LPP Water Line Phase 2 project; and authorizing the Interim Town Manager to execute Change Order Number 01 for same.

Description of Agenda Item:

Town Council authorized a construction contract with Archer Western Construction at the June 14, 2022, Town Council meeting in the amount of \$16,278,323. The project includes the construction of a new separate dedicated pump station to serve the Lower Pressure Plane and the installation of 2,060 LF of 42-inch water line from the proposed pump station extending to the west past the proposed Brookhollow multi-family development prior to the construction of that project. The remaining approximate 8,800 LF of 42-inch water line from the proposed Brookhollow development to connect the Lower Pressure Plane (LPP) Pump Station to the existing Lower Pressure Plane Water Line Phase 1 project at the intersection of Coit Road and Richland Boulevard, is anticipated to be bid in Summer 2023.

This change order revises a portion of the original water line alignment, including additional linear feet of water line bore through environmental sensitive areas as a result of final negotiations with an adjacent landowner for the granting of a zero-cost water line easement. This change order also includes a modification to the grade and depth of the proposed water line to clear utilities associated with the Brookhollow multi-family development that were a result of Town requirements addressed during the plan review process. In addition, there are change in materials included in this change order. The pipe couplings were bid as Dynamic Movement Couplings but when the Contractor went to purchase the product, the supplier had greatly increased the costs. The Contractor submitted a request to change to Dresser Couplings which were readily available and saved the Town approximately \$80,000.

Budget Impact:

The cost for Change Order Number 01 is \$114,915.00 and reflects a 0.706% increase to the contract. The total cost for the construction of the Lower Pressure Plane (LPP) Pump Station and LPP Water Line Phase 2 project, including Change Order Number 01, is \$16,393,238.

The funding for this project includes \$14,062,000 from the Lower Pressure Plane (LPP) Pump Station budget and \$2,331,238 from the LPP Water Line Phase 2 budget of \$11,784,000. The remaining budget of \$9,452,762 will be used to fund the construction of the remaining approximate 8,800 LF of 42-inch water line extension, to connect the Lower Pressure Plane (LPP) Pump Station to the existing Lower Pressure Plane Water Line Phase 1 project at the intersection of Coit Road and Richland Boulevard. The funding source is Account No. 760-6610-10-00-1501WA

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the standard change order document as to form and legality.

Attachments:

1. Change Order Number 01
2. Alignment Changes Location Map

Town Staff Recommendation:

Town staff recommends that the Town Council approve Change Order Number 01 for CSP No. 2022-05-B, EDA Award No. 08-79-05522 to Archer Western Construction, related to construction services for the Lower Pressure Plane (LPP) Pump Station and LPP Water Line Phase 2 project; and authorizing the Interim Town Manager to execute Change Order Number 01 for same.

Proposed Motion:

I move to approve Change Order Number 01 for CSP No. 2022-05-B, EDA Award No. 08-79-05522 to Archer Western Construction, related to construction services for the Lower Pressure Plane (LPP) Pump Station and LPP Water Line Phase 2 project; and authorizing the Interim Town Manager to execute Change Order Number 01 for same.