



Legislation Details (With Text)

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On agenda: 8/16/2022 **Final action:**

Title: Consideration of a Resolution Approving Amendment No. 1 to the Professional Services Agreement with Butier Engineering, Inc. for Additional Construction Management and Inspection Services in the Amount of \$321,301 for the Peck Reservoir Replacement Project (Public Works Director Lee).
ADOPT RESOLUTION NO. 22-0116

Sponsors:

Indexes:

Code sections:

Attachments: 1. Resolution No. 22-0116, 2. Amendment No. 1 - Butier Engineering, Inc., 3. Agreement - Butier Engineering, Inc., 4. Location Map

Date	Ver.	Action By	Action	Result
8/16/2022	1	City Council	Regular Meeting	

TO:
Honorable Mayor and Members of the City Council

THROUGH:
Bruce Moe, City Manager

FROM:
Erick Lee, Public Works Director
Katherine Doherty, City Engineer
Gilbert Gamboa, Senior Civil Engineer

SUBJECT:
Consideration of a Resolution Approving Amendment No. 1 to the Professional Services Agreement with Butier Engineering, Inc. for Additional Construction Management and Inspection Services in the Amount of \$321,301 for the Peck Reservoir Replacement Project (Public Works Director Lee).
ADOPT RESOLUTION NO. 22-0116

RECOMMENDATION:
Staff recommends that City Council adopt Resolution No. 22-0116:

1. Approving Amendment No. 1 to the professional services agreement with Butier Engineering, Inc. for additional construction management and inspection services of in the amount of \$321,301 for the Peck Reservoir Replacement Project.

FISCAL IMPLICATIONS:
On August 18, 2020, City Council adopted a resolution approving an agreement with Butier Engineering, Inc. for construction management and inspection services for the Peck Reservoir Replacement Project for a total of \$2,555,229. The additional services to be rendered under

Amendment No. 1 will increase the agreement amount by \$321,301 for a total not to exceed amount of \$2,876,530. Because the additional amount exceeds the City Manager's awarding authority per the City's purchasing policy, City Council approval of Amendment No. 1 is required. Sufficient funding exists for this amendment as part of the project's current budget appropriation within the Water Fund. There are no additional fiscal implications at this time.

BACKGROUND:

Peck Reservoir is situated at 1800 N. Peck Avenue, at the southeast corner of Peck Avenue and 19th Street. The current replacement project includes completely removing the degraded 60-year-old concrete reservoir, pumps, and ancillary facilities, and replacing the existing structure and equipment with a new 8-million gallon (MG) concrete reservoir, a pump station, operations, and electrical buildings, a groundwater filtration treatment system, and related ancillary facilities and site restoration. While the majority of the work occurs on the Peck Reservoir site, some work was required on adjacent streets. This work includes: the construction of new accessible sidewalks along 19th Street and Peck Avenue; new sewer and electrical connections on Peck Avenue; and new water and sewer pipeline trench work east on 18th Street, north on Herrin Avenue and east on 19th Street.

The City issued a Request for Proposal (RFP) on May 11, 2020, for construction management and inspection services for the 8MG Peck Reservoir Replacement Project. In August 2020, City Council awarded a contract to Butier Engineering, Inc. (Butier) for these services. Ongoing key services provided by Butier on this project include:

- Full-time inspection of construction activities.
- Ongoing review and oversight of the construction schedule and budget.
- Responding to contractor questions, requests for information, and issues that arise in the field during construction.
- Coordinating between the contractor, City staff, and the School District.
- Ongoing public outreach during the construction duration.

DISCUSSION:

Construction of the Peck Reservoir Replacement Project began in October 2020 and is anticipated to reach substantial completion in fall of 2022 followed by completion of startup and commissioning activities at the end of 2022. While the original targeted construction completion date was the spring of 2022, various construction material procurement-related delays have negatively impacted this project. The primary delays were due to the procurement of the following major items:

- Three stainless steel knife gate valves
- Groundwater filtration treatment steel pressure vessel horizontal tanks
- Glass-fused steel bolted 30-foot tall vertical storage tank
- Electrical Control Automation Variable Frequency Drives (VFD)
- Pre-cast concrete underground box vaults
- Ready mix concrete

To date, completed phases for the Peck Reservoir project include:

1. Demolition of the entire water reservoir, booster pump station and site features
2. Earthwork excavation and shoring
3. Stockpiling and staging of excavated soil on Begg Sports Field
4. Construction of new reservoir concrete tank structure
5. Construction of new booster pump station and electrical building
6. Electrical and communication conduit ductbank substructures
7. Onsite mainline yard piping and valve vaults
8. Offsite well water transmission main pipeline replacement on Herrin Ave
9. Chemical disinfection tanks and storage block wall building structure
10. Operations control block wall building structure
11. Ancillary equipment concrete foundations (emergency backup generator, ground level transformer, groundwater filtration pressure vessels, etc.)
12. Onsite stormwater dry well capture devices

Remaining elements include, but are not limited to: soil backfilling around reservoir tank structure; plantable retaining wall structure; Begg Field restoration and lighting improvements; installation of vertical glass-fused bolted steel backwash storage tank; groundwater filtration horizontal steel pressure vessels; main electrical (power) service to the site; automation controls; perimeter walls, fencing and landscaping; perimeter sidewalk improvements; startup and testing; and punch list items.

Amendment No. 1 will provide the additional inspection services during the six month extended duration of the project construction. All work performed by the contractor is independently inspected by Butier to ensure quality work and compliance with the project plans and specifications. The additional project inspection elements that will be considered include specialty inspection, material testing and monitoring, and geotechnical services during the backfilling operations. Lastly, the additional inspection services will include the special inspection services for the Begg Field lighting improvements located on school district property to satisfy the Division of State Architect (DSA) jurisdictional plan check requirements.

PUBLIC OUTREACH:

Public community meetings and a public outreach meeting with the school district were previously held in 2019. Public meetings were also held with the City's Planning Commission and City Council during the design and environmental approval phases. The project was also discussed at previous Capital Improvement Program budget meetings.

During the construction phase, public outreach includes construction notices, public information meeting(s), media coordination, traffic alerts and updates on the City website.

ENVIRONMENTAL REVIEW:

Environmental review regarding the overall project (CEQA Mitigated Negative Declaration) was approved on June 12, 2019.

LEGAL REVIEW:

The City Attorney has approved the amendment as to form and has reviewed this report and determined that no additional legal analysis is necessary.

ATTACHMENTS:

1. Resolution No. 22-0116
2. Amendment No. 1 - Butier Engineering, Inc.
3. Agreement - Butier Engineering, Inc.
4. Location Map