



City of Culver City

Staff Report Details (With Text)

File #: 20-526 **Version:** 2 **Name:**

Type: Minute Order **Status:** Consent Agenda

File created: 11/18/2019 **In control:** City Council Meeting Agenda

On agenda: 12/9/2019 **Final action:**

Title: 1) Approval of a Change Order in the amount of \$390,000 to the Contract with Pacific Hydrotech Corp. for the Construction of Bankfield Sewage Pump Station Project PZ-874; 2) Approval of a Change Order in the Amount of \$105,000 to the Professional Services Contract with NV5 for Construction Management and Inspection Services; 3) Approval of a Change Order in the Amount of \$25,000 to the Professional Services Contract with PRP Engineering, Inc. for Office Engineering Construction Support Services and 4) (2) FOUR-FIFTHS VOTE REQUIREMENT: Approval of a Related Budget Amendment.

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
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Meeting Date: December 9, 2019

Contact Person/Dept: Hong Wang & Mate Gaspar/Public Works/Engineering

Phone Number: (310) 253-5604 & (310) 253-5602

Fiscal Impact: Yes No **General Fund:** Yes No

Public Hearing: **Action Item:** **Attachments:**

Commission Action Required: Yes No **Date:**

Public Notification: (E-Mail) Meetings and Agendas - City Council (12/03/19)

Department Approval: Charles D. Herbertson, Director of Public Works/City Engineer (11/20/19)

RECOMMENDATION

Staff recommends the City Council 1) approve a change order in the amount of \$390,000 to the contract with Pacific Hydrotech Corp 's Construction Contract for the Construction of Bankfield Sewage Pump Station Project PZ-874; and 2) approve a change order in the amount of \$105,000 to the professional services contract with NV5 for construction management and inspection services; 3) approve a change order in the amount of \$25,000 to the professional services contract with PRP Engineering, Inc. for Office Engineering Construction Support Services and 4) approve a related budget amendment (*requires four-fifths vote*).

BACKGROUND/DISCUSSION

On July 9, 2018, the City Council approved the construction contract in the amount of \$4,832,000 to Pacific Hydrotech Corp., for the construction of Bankfield Sewage Pump Station Project PZ-874, located on City-owned property at 5722 Bankfield Avenue; and 2) Approval of a Professional Services Agreement in an Amount Not-to-Exceed \$249,574 to NV5 for Construction Management and Inspection Services; and 3) Approval of a Professional Services Agreement in an Amount Not-to-Exceed \$106,000 to PRP Engineering, Inc. for Office Engineering Construction Support Services.

In the original contract, three hundred thirty (330) calendar days were required to complete the project. However, due to site access restrictions and some unforeseen soil conditions, as well as groundwater discharging permitting delays, a no cost change order was approved by the Public Works Director/City Engineer to extend the construction ending date to February 12, 2020. Consequently, this extended construction duration requires additional NV5's construction management and inspection services (estimated to be \$105,000) and PRP Engineering's additional engineering support services (estimated to be \$25,000). The consultant compensation will be based on the actual time spent per prevailing wage rates.

In mid-October contaminated soil was discovered during trench excavation, and the contractor had to haul all contaminated soil to a special landfill for proper disposal. In addition, the emergency generator for the pump station was not included in the original construction contract and was to be purchased and installed by the City at a later date. However, after further internal discussion, it was determined that an emergency generator and automatic transfer switch should be made part of this contract. The combined cost estimate for these two items is approximately \$290,000. An additional \$100,000 contingency authorization is recommended for the remainder of the project to cover any unforeseen conditions or other City extra work requests. Any unused contingency funds will be returned to the sewer enterprise fund.

Currently, the construction is approximately 70% complete. The contractor is on schedule to have the pump station substantially completed in February 2020, unless further delay is caused by unfavorable weather conditions, unforeseen underground conditions, or City issued change orders.

FISCAL ANALYSIS

Project Budget

Amount

PZ-874 Sewer Enterprise Funds (Fund 204) \$5,638,249

<u>Estimated Project Expenses</u>	<u>Amount</u>
Pacific Hydrotech Construction original contract	\$ 4,832,000
Change Order to date (#1~#3)	\$ 111,559
Change Order #4(emergency generator and contaminated soil removal, this request)	\$ 290,000
<u>Additional construction contingency authorization</u>	<u>\$ 100,000</u>
Estimated Construction Contract Amount	\$ 5,333,559

Construction management and inspection	
NV5	\$ 249,574
CO#1(with City Manager's approval)	\$ 85,000
<u>CO#2(this request)</u>	<u>\$ 105,000</u>
Estimated NV5 contract amount	\$ 439,574

Construction support office engineering services	
PRP Engineering	\$ 106,000
<u>CO #1(this request)</u>	<u>\$ 25,000</u>
Estimated PRP's contract amount	\$ 131,000

Construction material testing services (estimated)\$ 79,898
SCST

Total construction and engineering cost: \$ 5,984,031

Additional funding of \$631,559 will come from the recent sewer bond proceeds.

ATTACHMENTS

None

MOTION

That the City Council:

- 1) Approve a change order in the amount of up to \$390,000 (for an aggregated \$501,559 in total change order authority) to the contract with Pacific Hydrotech Corp's Construction Contract for the Construction of Bankfield Sewage Pump Station Project PZ-874; and
- 2) Approve a change order in the amount of \$105,000 to the professional services contract with NV5 for construction management and inspection services; and,
- 3) Approve a change order in the amount of \$25,000 to the professional services contract with PRP Engineering, Inc. for Office Engineering Construction Support Services; and,

- 4) Authorize the Public Works Directory/City Engineer to execute such change orders behalf of the City; and,
- 5) Authorize related budget amendment and allocate sewer bond proceeds to PZ-874 (***requires four-fifths vote***).