



CITY OF POMONA

COUNCIL REPORT

December 2, 2019

To: Honorable Mayor and Members of the City Council

From: Linda Lowry, City Manager

Submitted By: Rene Guerrero, Public Works Director

SUBJECT: APPROVE AN AMENDMENT TO THE ENGAGEMENT LETTER AGREEMENT WITH GEOCON WEST, INC. TO PROVIDE EXTENDED GEOTECHNICAL INVESTIGATION SERVICES EXCEEDING TWENTY PERCENT OF THE ORIGINAL AGREEMENT AMOUNT FOR “DOWNTOWN PARKING STRUCTURES,” PROJECT NO. 441-6725-XXXXX-73368

RECOMMENDATION: It is recommended that the City Council approve an amendment to the original engagement letter agreement with Geocon West, Inc. in the amount of \$8,250 for extended geotechnical investigation services for “Downtown Parking Structures,” Project No. 441-6725-XXXXX-73368 (Project).

EXECUTIVE SUMMARY: Approval of the amendment is necessary as the cost of additional services in the amount of \$8,250 exceeds 20% of the original agreement amount (\$19,450). The amendment exceeds the 20% Public Works and Finance Directors approval capacity set in the City of Pomona purchasing code Section 2-1003(e)(1). The additional services will provide for extended geotechnical investigations and the preparation of an updated geotechnical report to address a proposed design modification for the Project.

FISCAL IMPACT: There are sufficient funds in CIP Project “Downtown Parking Structures,” Project No. 441-6725-XXXXX-73368 to account for the cost of additional services.

Category	Downtown Parking Structures Project No. 441-6725-XXXXX-73368
Beginning Budget	\$ 14,670,839
Less: Expenses / Encumbrances as of 11/13/19	(\$ 517,240)
Balance Remaining	\$14,153,599

PREVIOUS RELATED ACTION: On September 8, 2014, City Council approved a new Master Consultant List for Consultant Services for capital improvement projects and technical services related to land development plan check services comprised of 72 recommended professional technical services consulting firms.

DISCUSSION: To continue moving forward with the Project, it has been determined that additional geotechnical investigation services are necessary to address a proposed design modification of the parking structure.

This Project provides for the construction of a proposed multi-story parking structure. The original geotechnical investigation was performed for a proposed eight-story parking structure underlain by two levels of subterranean parking. The subsequent geotechnical report was prepared for a parking structure that would have required the excavation of the upper 20 feet of soil. The proposed structure design has been modified to eliminate subterranean parking and provide for the structure foundation to be constructed directly on the soil surface. As such, additional soil samples within the upper 20 feet of soil are needed to evaluate the suitability of these soils to provide direct foundation support, and to properly and cost-effectively provide geotechnical recommendations for the modified scope. The extended geotechnical investigation services include:

- Review published geologic maps and other literature pertaining to the site to aid in evaluating geologic hazards that may be present.
- Coordinate site access for field explorations. Perform a site reconnaissance and pre-mark the proposed boring locations.
- Contact Underground Service Alert to delineate public utilities and easements within the site prior to performing drilling operations.
- Retain the services of a private utility locator to evaluate the proposed boring locations for the presence of buried utilities or tanks. This task will be performed in addition to contacting Underground Service Alert to delineate utilities within the site prior to performing drilling operations.
- Excavate four small-diameter borings utilizing a truck-mounted hollow-stem auger drilling machine at the locations shown below. It is anticipated that borings will be excavated to depths of approximately 20 feet below the ground surface. Perform sampling, examine the prevailing soil conditions, determine depth of groundwater, if any, and gather the information necessary for design of the proposed project.
- Perform percolation testing in one boring to determine the infiltration rate of the soils for use in the design of storm water retention/infiltration systems. The depth and location of percolation boring will be discussed with Client and/or project Civil Engineer prior to site exploration and may be adjusted based on encountered soil and groundwater conditions.
- Backfill and compact boring excavations and restore the ground surface, as necessary. It is assumed that all spoils will be backfilled into the boreholes; any excess soils will remain onsite. The costs for drums, analytical testing, and disposal are not included in this proposal. If required, these services will be performed on a time-and-materials basis in accordance with our schedule of fees.
- Perform laboratory tests on selected soil samples to evaluate in-situ density, shear strength, and compressibility characteristics of the prevailing soil conditions. Testing for Water-Soluble Sulfate, Chloride, PH, and Resistivity of the soils for concrete and utility pipe corrosivity design will also be included.

- Prepare an updated report for the proposed development presenting our findings, conclusions, and recommendations regarding the geotechnical aspects of constructing the proposed as presently proposed. The report will include grading specifications, excavation characteristics, foundation, retaining wall, slab designs criteria and an evaluation of seismic hazards. The report will be suitable for submittal to the Building Official and your design professionals.

The requested amendment for extended geotechnical investigation services is in the amount of \$8,250. The requested amendment will increase the original letter of engagement with Geocon West, Inc. from \$19,450 to \$27,700, exceeding the 20% amendment capacity. Although the total contract cost does not exceed the \$30,000 threshold, it does exceed the 20% limitation as set forth in Section 2-1003(e)(1):

Section 2-1003 (e)(1) - Amendments to professional service contracts with an original contract cost of no more than \$30,000 shall be approved by the Public Works Director and the Finance Director. Such amendments shall not exceed 20 percent of the original contract cost, nor cause the total contract amount to exceed the appropriate purchasing threshold.

Prepared by:

Jizelle M. Campos
Senior Management Analyst