

**CONTRACT AMENDMENT/EXTENSION
FOR ON-CALL GEOTECHNICAL,
COMPACTION TESTING, AND
MATERIALS TESTING SERVICES
DURING CONSTRUCTION, PERRIS
SKILLS TRAINING &
JOB PLACEMENT CENTER,
19 SOUTH D STREET
PERRIS, CALIFORNIA**

**REFERENCE NO. 8265.P
JULY 17, 2024**

Prepared For:

City of Perris
101 South D Street, Suite 100
Perris, California 92570

Attention: Mr. Armando Panchi

July 17, 2024

City of Perris
101 North D Street, Suite 100
Perris, California 92570

Reference No.8265.P

Attention: Mr. Armando Panchi

Subject: Contract Amendment/Extension for On-Call Geotechnical, Compaction Testing, and Materials Testing Services During Construction, Perris Skills Training & Job Placement Center, 19 South D Street, Perris, California.

INTRODUCTION

It has come to our attention that LOR Geotechnical Group, Inc. (LOR) has invoiced the city of Perris for an amount exceeding our original contract for providing geotechnical, compaction testing, laboratory materials testing, and special inspection services during the construction of the subject project. These services were provided upon request to ensure that earthwork was constructed in general accordance with the project's preliminary geotechnical investigation report (LOR, 2019) and that special inspections were completed as required by the California Building Code (CBC, 2022) as required.

This document pertains only to the geotechnical, compaction testing, and materials testing services outlined in our initial contract agreement. An additional change order document will be submitted for the special inspection services that were already provided by our firm.

This contract amendment and extension addresses the amount that was invoiced by LOR that was in excess of the our original contract amount. Additionally, we have included a cost estimate for the remaining geotechnical, compaction testing, laboratory materials testing, and special inspection services that are anticipated to complete construction of the subject project. The following Preliminary Scope of Services outlines the additional services that are anticipated at this time.

It should be noted that a detailed construction schedule has not been provided to LOR to use in the development of our cost estimate. Therefore, our estimate is based only on our recent experiences with similar projects, in similar settings. The actual accrual of our costs will be highly dependent on field conditions which include the sequencing of construction, the performance of the various contractors, and the extent of our services requested as determined by your project management team. Because these factors are difficult to predict in advance, we propose to provide our services on a time and materials basis.

Accordingly, the city of Perris will only be invoiced for the services that are provided by this firm.

An additional change order document will be provided to the city of Perris that outlines the costs of the special inspection services that LOR provided during construction of the subject project.

PRELIMINARY SCOPE OF SERVICES

The geotechnical, compaction testing, laboratory materials testing, and special inspection services that are proposed during the remaining construction of the Perris Skills Training & Job Placement Center project will include, but are not necessarily limited to, the following:

1. Representative sampling of onsite soil, aggregate base, and hot-mix asphalt that are used during construction. All samples will be transported to our geotechnical laboratory and tested to determine engineering properties and for quality compliance (if required).
2. Geotechnical observation, sampling, and compaction testing services during utility trench backfill, flatwork subgrade, and parking area/drive lane subgrade/base grade preparation.
3. Observation and compaction testing during Eastern Municipal Water District (EMWD) water line trench backfill. As specified by EMWD, LOR will be onsite on a continuous basis during trench backfill operations.
4. Observation and compaction testing services during paving operations for the parking area/ drive lane and offsite roadway areas that are affected by water line construction.
5. Special inspection as required by the construction plans and/or the city of Perris Building department. When requested, LOR will provide inspectors that are certified by the International Code Council and registered with the city of Perris Building Department.
6. Ready-mix Portland cement concrete (PCC) sampling and testing. Ready-mix PCC will be sampled during placement and tested to measure the PCC temperature and

slump. Compressive strength specimens will also be cast and left onsite for initial curing. Ready-mix PCC will be sampled and tested by a technician that has been certified by the American Concrete Institute.

7. PCC compressive strength specimens will be returned to our geotechnical laboratory for final curing. At the end of the final curing period, the specimens will be tested to verify that the specified 28-day compressive strength has been achieved.
8. Preparation of daily field reports for each site visit. Our daily field reports will contain information regarding our geotechnical observations, compaction testing results, and results of our laboratory materials tests. They will be promptly submitted to the project superintendent.
9. Preparation and submittal of a compaction and materials testing report at the completion of the project following the notice of completion.

COST ESTIMATE

The following table illustrates our cost estimate for providing the services that were summarized in the Preliminary Scope of Services.

Description	Estimated Quantity	Per Unit	Extended Cost
Soil Technician: Observation, Compaction Testing, Sampling	250	\$132/hour	\$33,000.00
Soil Technician: Sample Pickup	25	\$104/hour	\$2,600.00
Deputy Inspector	25	\$132/hour	\$3,300.00
10% Field Supervision and Equipment			\$3,560.00
Laboratory Compaction, Soil	2	\$190/unit	\$380.00
Laboratory Sieve Analysis, Soil	3	\$110/unit	\$330.00
Laboratory Sand Equivalent, Soil	3	\$120/unit	\$360.00
Laboratory Soil R-Value	2	\$350/unit	\$700.00
Laboratory Compaction, Aggregate Base	1	\$220/unit	\$220.00
Laboratory Gradation/Extraction, HMA	3	\$260/unit	\$780.00

City of Perris
July 17, 2024

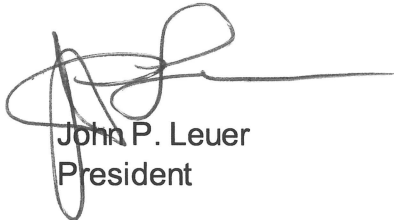
Reference No. 8265.P

Description	Estimated Quantity	Per Unit	Extended Cost
Laboratory Stability/Density	3	\$220/unit	\$660.00
Concrete Compressive Strength Testing	25	\$35/unit	\$875.00
Compaction & Materials Testing Report	1	--	\$2,000.00
ESTIMATE:			\$48,765.00
TOTAL AMOUNT OVER ORIGINAL CONTRACT:			\$12,093.30
TOTAL AMOUNT TO AMEND & EXTEND CONTRACT:			\$60,858.30

CLOSURE

We appreciate the opportunity to serve the city of Perris for this project. If you should have any questions regarding this document, please do not hesitate to contact this firm at your convenience.

Respectfully submitted,
LOR Geotechnical Group, Inc.



John P. Leuer
President

TG:JPL:ss

Distribution:
cc:

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REFERENCES

California Building Standards Commission (CBC), 2022, California Building Code California Building Standards Commission and International Conference of Building Officials, 2022, California Building Code, 2022 Edition.

LOR Geotechnical Group, Inc., 2019, Preliminary Geotechnical Investigation, Proposed Building, NEC 1st and D Street, Perris, California, Project No. 53567.1, dated August 7, 2019.