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October 28, 2025

Mr. Nordan Murphy, PE, PP
County Engineer
County of Passaic
401 Grand Street, Room 524
City of Paterson, NJ 07505

Re: Cost Modification for Geotechnical Engineering Services
Marshall Street County Complex
City of Paterson, Passaic County, New Jersey
FPA No. 4105.044

INTRODUCTION

French & Parrello Associates (FPA) performed a Geotechnical Engineering Assessment in connection with the proposed office complex to be constructed at 11 Marshall Street in the City of Paterson, Passaic County, New Jersey. Our original proposal included the performance of 26 test borings to satisfy the building code requirement of 1 boring per 2,500 square feet of building footprint which was approximately 61,653 square feet. However, the number of test borings increased to 36 test borings as requested by the Architect. Additionally, due to the presence of compacted construction debris from the recently demolished jail, drilling production was significantly impacted and required more days of drilling than anticipated. The updated cost summary is presented below.

COST SUMMARY

The cost for providing our geotechnical engineering scope of work will be as follows:

Subsurface Exploration Program

Mobilization/Demobilization (Lump Sum)	\$1,250.00
Test Borings w/ Drill Rig (Minimum Day Rate Applies) (23 days @ \$2,700/day)	\$62,100.00
Rock Coring (40 feet @ \$75/feet).....	\$3,000.00
NJDEP Permits for Monitoring Wells (2 Permits) (4 hours @ \$120/hour).....	\$480.00
Technical Observation (includes 1 follow up water level reading and test pits) (24 days @ \$825/day)	<u>\$19,800.00</u>
Subtotal Cost for Field Exploration	\$86,630.00



Engineering Evaluation & Report Preparation

Coordination of Field Work & Laboratory Testing
(Lump Sum) \$2,950.00

Engineering Evaluation & Report Preparation
(Lump Sum) \$8,500.00

Subtotal Cost for Engineering Evaluation & Report \$11,450.00

Total Cost for Geotechnical Engineering Services \$98,080.00

The original proposal was for \$85,865.00. This requested cost modification is for an increase of \$12,215.00 due to an increase in the number of borings and the very difficult drilling conditions.

CLOSING

This letter is being submitted to outline our updated costs associated with the requested work. If you have any questions regarding the information presented in this letter, please do not hesitate to contact me.

Respectfully Submitted,

FRENCH & PARRELLO ASSOCIATES, PA

A handwritten signature in black ink, reading 'Joseph M. Tierney'.

Joseph M. Tierney, PE
Project Consultant, Manager of Geotechnical Services