



MEMORANDUM

FOR : Ms. Mylene G. Rondina
Chairman, PPSC Bids and Awards Committee (BAC)

SUBJECT : **Objective Output for the Geotechnical Investigation for the Construction of Four (4) Storey Twelve (12) Unit Classroom Building at NJMPTI**

DATE : June 01, 2018 *ovg*

Reference : Approved Memo dated May 25, 2018 re: Request Procurement of Service for Geotechnical Investigation for the Construction of Four (4) Storey Twelve (12) Unit Classroom Building at NJMPTI

1. OBJECTIVE

The Four (4) Storey Twelve (12) Unit Classroom Building will be located within the vicinity of the NJMPTI site at Camp Vicente Lim, Calamba, Laguna. The objective of the soil investigation is to obtain soil parameters for the structural components and the foundation design of the structure.


2. OUTPUT

The Soil investigation work included drilling, soil sampling, site testing and laboratory testing. The field investigation consisting of drilling of two (2) boreholes with Standard Penetration Test (SPT) for boreholes with maximum depth of 15 meter. The borehole was advanced by wash boring and Standard Penetration Test (SPT). The Standard Penetration Test (SPT) performed every 1.5 meter depth measured from the ground surface initially. The process is continued until the depth for taking SPT samples is reach.

Evaluation and Recommendation includes the following:

- a. Settlement
- b. Liquefactions and Seismic Design Criteria
- c. Foundations and
- d. Limitations

3. For Information and reference.


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