



**MEMORANDUM**

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

**SUBJECT** : **Objective Output for the Geotechnical Investigation  
for the Construction of Two (2) Storey Four (4) Unit  
Classroom with Roof deck at CARAGATC**

**DATE** : June 01, 2018 029

Reference : Approved Memo dated May 25,2018 re: Request Procurement of Service  
for Geotechnical Investigation for the Construction of Two (2) Storey Four (4) Unit  
Classroom with Roof deck at CARAGATC

**1. OBJECTIVE**

The Two (2) Storey Four (4) Unit Classroom with Roof deck will be located within the vicinity of the CARAGATC site at Camp George Barbers, in Surigao City. 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. Limitation

**3. For Information and reference**

  
Ar. Rose Ann Diane V. Danao  
Architect II, Plans and Design Services

  
Engr. Richel B. Viray  
Chief, Engineering Services

  
Queenie G. Biona, LL.B.  
Acting Chief, General Services Section