



STF-2021-05-00188

## PURCHASE REQUEST

Dept./Office: **OVPPRGAS**PR #: ~~GF-2021-05-00183~~Date: **05-17-2021**Section/End-User: **Jansel Joi C. Villas**

STF-2021-05-00188

Category: **Consulting Services**Funding Source: **General Fund - MOOE**Project Title/Code: **OVPPRGAS-2021-03**








Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>Geotechnical Investigation for the Proposed Mixed Use Building</b>	lot	1	260,000.00		260,000.00

**Specification:****SCOPE OF WORK**

1. Soil Boring - (4) boreholes @15.00 Meters depth (on shore), Respectively or down to refusal as specified by clients. The boreholes shall be drilled as client specified locations. However, this assumption may change depending on the actual site condition such as relative areas, height and distances between areas that are to be drilled.
2. Standard Penetration Test (SPT) including distributed sampling every 1.5 meters interval using 2 inches outside diameter and 1-3/8 inch. Diameter split spoon sampler driven to depth of 30cm. After an initial penetration of 15 cm by 140 lbs. Hammer falling freely from a height 30inches.
3. Undisturbed sampling on cohesive soils encountered using standard thin walled tubed (Shelby) sampler. (If any). (N < 6 blows).
4. Core samples will be taken whenever hard strata are encountered.
5. Tested of selected samples taken from the boring, which will included but not limited to:
  - a) Natural moisture content ASTM D 421
  - b) Sieve Analysis ASTM D 422
  - c) Atterberg limit ASTM D 4318
  - d) Unified Soil classification System ASTM D 2487
  - e) Unconfined Compression Test ASTM D2166
6. Description of subsurface conditions encountered in the field which will be listed on the field boring log. Ground water table monitoring will be conducted, after 24 hour period from the completion of boring.
7. Preparation and submission of three (3) copies of factual report.
  - a) Soil profile, type and classification, SPT N-values and water table location if encountered within drilling depth explored.
  - b) Discussion on soil stratification relevant to the design of the structural foundation
  - c) Evaluation and recommendation of the soil bearing capacity for the different footing sizes depths for shallow and/or deep foundation as may be applicable.
  - d) Evaluation of site liquefaction potential should the site be susceptible. Discussion of soil stratification relevant to design of the structural foundation. Description of subsurface conditions encountered in the filed which will be listed on the field boring log.

	<b>TOTAL</b>					<b>260,000.00</b>
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Purpose: for Soil Test of Digital Learning Resource Spaces

Checked by:  <b>TONI MARC L. DARGANTES</b>		Funds Available:  <b>MYRNA S. PANCITO</b>	
TWG - Consulting Services		HEAD, BUDGET OFFICE 	
Signature: 	Requested by: 	Noted by: 	Approved by: 
Printed Name: <b>JANSEL JOI C. VILLAS</b>		<b>DILBERTO O. FERRAREN</b>	<b>EDGARDO E. TULIN</b>
Designation: <b>END USER</b>		<b>UNIT HEAD, PROJECT LEADER</b>	<b>PRESIDENT, VSU</b>