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PR-2024-0119-171279 1/27/24

Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : **232-1-1994-2024-0-1-0**

Dept./Office: **PIPDMO**

PR No.: **STF-2024-01-00175**

Date: **01-19-2024**

Section/End-User: **Adriel Efraim V. Cunanan**

Category: **Infrastructure**

Funding Source: **Special Trust Fund**

Project Title/Code: **PIPDMO/OVPPRGAS-2024**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	**Geotechnical Investigation for Proposed Projects (Cons. of New Acad. bldg. & New VSU Auditorium**	lot	1	480,000.00	ADRIEL EFRAIM V. CUNANAN	480,000.00

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 at the client-specified locations. However, this assumption may change depending on the actual site conditions, such as relative areas and height and distances between areas that are to be drilled.

2) Standard Penetration Test (SPT), including disturbed sampling every 1.5-meter interval using 2 inches outside diameter and 1-3/8 inch. Diameter: split spoon sampler driven to depth of 30 cm. After an initial penetration of 15 cm by 140 lbs,. Hammer falling freely from a height of 30 inches.

3) Undisturbed sampling on cohesive soils encountered using standard thin-walled tube (Sylvia) 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 include but not limited to:

a) Natural moisture content: ASTM D 421

b) Sieve Analysis ASTM D 422

c) Atterberg limits 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 the factual report.

a.) Soil profile, type and classification, SPT N-values and water table location if encountered within the 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 and depths for shallow and/or deep foundations, as may be applicable.

d.) Evaluation of site liquefaction potential should the site be susceptible.

Discussion of soil stratification relevant to the design of the structural foundation

Description of Subsurface conditions encountered in the field

which will be listed on the field boring log.

	TOTAL					**480,000.00**

Purpose: To obtain information on the physical properties of the soil and rock around the site.

Checked by:		Funds Available:	
MARCELO T. ABRERA		**ALICIA M. FLORES**	
TWG - Infrastructure		HEAD, BUDGET OFFICE	
	Requested by:	Noted by:	Approved by:
Signature:			
Printed Name:	**ADRIEL EFRAIM V. CUNANAN**	**DILBERTO O. FERRAREN**	**DANIEL LESLIE S. TAN**
Designation:	END USER	UNIT HEAD, PROJECT LEADER	OIC-PRESIDENT, VSU