



Republic of the Philippines
CARAGA STATE UNIVERSITY
Ampayon, Butuan City 8600, Philippines
Competence Service Uprightness
PROCUREMENT OFFICE



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NOTICE OF AWARD

Feb 27, 2026

CH BEATISULA ENGINEERING CONSULTANCY
Thames St., Riverview Village, Bacaca, Brgy. 19-B, Davao City

Dear Sir / Madam:

We are happy to notify you that the PROVISION OF BUILDINGS AND OTHER STRUCTURES-GEOTECHNICAL INVESTIGATION OF THE PROPOSED INTEGRATED ENGINEERING BUILDING USING ELECTRICAL RESISTIVITY TOMOGRAPHY (NON- DESTRUCTIVE METHOD) & STANDARD PENETRATION TEST (BORE HOLE METHOD). RAF-101-26-02-038 is hereby awarded you as the bidder with the Lowest Calculated and Responsive Quotation at a Contract Price of Equivalent to SIX HUNDRED EIGHTY THOUSAND PESOS ONLY. (Php. 680,000.00)

| QTY | Unit | Description | BID PRICE | TOTAL PRICE |
|-----|------|--|------------|-------------|
| 1 | LOT | SOIL INVESTIGATION, Construction of an Integrated Engineering Building The scope of works is as follows: 1. Electrical Resistivity Tomography Test (ERT) a. To conduct ERT test of Single (1) line at a maximum length of 150meters of laid wires (as presented at the proposed ERT Lines) to determine the maximum depth of 30-35meters of varying thickness of the underlying resistivity layers. This method helps to characterize the possible lithologies, soil classification, engineering properties and materials on the project site. i. Steel electrodes (rods) spaced at constant distances apart were inserted into the ground to form a straight line. Alligator clamps were then used to connect the electrodes to an electrical wire which in turn were attached to the georesistivity equipment of choice. ii. During the testing phase, current was passed through the wire and into specific electrodes in the series whilst two or more electrodes measured the corresponding fluctuations in the electric potential of the soil caused by delivering the current through varying electrodes. iii. The test data such as electrode spacing, voltage, current, and apparent resistivity recorded by the equipment were then loaded to a computer for postprocessing wherein sophisticated programs were used to perform cleanup and inversion on the raw data to obtain the final model cross section. b. Submit three (3) copies of the factual engineering report containing the following; i. Provide electrical resistivity report of the underlying resistivity layers & characterize the possible lithologies, soil classifications and materials on the project site report. ii. Provide the engineering properties such as Atterberg limit, Unit Weight, Cohesion and Angle of Friction with respect to the soil's electrical resistance. iii. Provide possible movement of sinkholes to which the electrodes had passed. iv. Provide depth & dimension of the existing foundation and detect any initial settlement as the case may be. v. Provide a two-dimensional subsurface tomography reflecting the soil's changes in stratification up to 35meters depth or less for an available length of 150meters of laid electrical wires that can be laid on the project site. vi. Provide a three-dimensional | 680,000.00 | 680,000.00 |

P.O. #: RAF-101-26-02-066

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. keep one copy and return the other to Caraga State University

Very truly yours,

ALEXANDER T. DEMETILLO, D.Eng
Vice President for Administration and Finance

I acknowledge receipt of this Notice on: _____
Name of the Representative of the Bidder: _____
Authorized Signature: _____

| QTY | Unit | Description | BID PRICE | TOTAL PRICE |
|-----|------|-------------|-----------|-------------|
|-----|------|-------------|-----------|-------------|

subsurface tomography reflecting the soil's changes in stratification up to 60 meters depth or less for an available length of 150 meters of laid electrical wires that can be laid on the project site. 2. Borehole and SPT a. Using rotary drill method, conduct drilling of one (1) confirmatory borehole per building to be distributed at a maximum depth of 30 meters to be drilled within the ERT line. b. Conduct the Standard Penetration Test (SPT) at every 1.0 meter for the first three (3) meters and at every 1.5-meters depth interval thereafter for each borehole, and at every change of soil formation. c. Retrieve soil samples via the SPT and conduct sufficient laboratory tests to determine the necessary soil properties – Atterberg limits, moisture content, and grain size distribution for soil classification. d. Should naturally cohesive soil for N values less than 6 are encountered, retrieve un-disturbed soil sample using thin-walled Shelby tube. e. Should a hard rock formation is encountered within the scheduled depth; samples shall be retrieved and terminate the drilling process at 1.5 meters coring depth. Rock Quality Designation (RQD) shall be determined and other necessary physical properties. f. Submit three (3) copies of the factual engineering report containing the following; i. Soil profile, type and classification, SPT N Values and water table location if encountered. ii. Stratification of the area explored is limited through the drilling depth explored. iii. Discussion on soil stratification and other technical information relevant to the structural foundation within the area. iv. Evaluation and recommendation of the soil bearing capacity for different footing sizes and depths for shallow foundation. v. Evaluation and recommendation of allowable pile capacities for different sizes and lengths. The geotechnical pile capacities are for bored piles and driven piles. vi. Evaluation of site liquefaction potential should the site be susceptible to the phenomenon. vii. Bore logs, photos of soil exploration and soil samples per test hole. The total work duration is 45 working days. *Contact Person: Gerlie CP No. 09851726411


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TOTAL AMOUNT:

680,000.00

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