



NATIONAL INSURANCE PROPERTY
DEVELOPMENT COMPANY LIMITED (NIPDEC)

EXPRESSION OF INTEREST FOR GEOTECHNICAL CONSULTANTS

The P.U.R.E Unit is soliciting 'Expressions of Interest' from competent and experienced Geotechnical Consultants; capable of providing the full range of services as described herein.

1. Background

The P.U.R.E. Unit intends to increase its pool of Pre-qualified Geotechnical Consultants who are sufficiently qualified in the following Line of Business listed below based on the principles of soil mechanics and rock mechanics upon request.

- 81101514 – Geotechnical or Geo Seismic Engineering

2. Qualifications of Principal Owner/Staff

Geotechnical Consultant should have at least one (1) person who fills the following roles:

Engineer

- Registered as a Civil Engineer with the Board of Engineering of Trinidad and Tobago. Or
 - BSc. in Civil Engineering or any equivalent academic qualification from a recognized institution and five (5) years' experience in the field.
 - Working knowledge of the following American Association of State Highway and Transportation Officials (AASHTO) standards or the equivalent American Society for Testing and Materials (ASTM):
- The consultancy should have a working knowledge of the following tests:
 - Dry Preparation of Disturbed Soil and Soil-Aggregate Samples for Test R-58
 - Wet Preparation of Disturbed Soil Samples for Test R-74
 - Particle Size Analysis of Soils / Hydrometer T-88
 - Determining the Liquid Limit (LL) of Soils T-89
 - Determining Plastic Limit (PL) and Plasticity Index (PI) of Soils T-90
 - Moisture-Density Relations of Soils Using a 5.5-lb. [2.5-kg] Rammer and a 12-in. [305-mm] Drop. T-99
 - Moisture-Density Relations of Soil-Cement Mixtures T-134
 - Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test T-176
 - Moisture-Density Relations of Soils using a 10-lb. [4.54-kg] Rammer and an 18-in. [457-mm] Drop. T-180
 - Density of Soil In-Place by the Sand-Cone Method T-191
 - The California Bearing Ratio (CBR) T-193
 - Determination of Organic Matter in Soils by Wet Combustion T-194
 - Determination of Cement Content in Cement-Treated Aggregate by the Method of Titration T-211
 - Sampling Hydrated Lime T-218
 - Determination of the Strength of Soil-Lime Mixtures T-220
 - Determination of Lime Content in Lime-Treated Soils by Titration T-232
 - In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) T-310
 - Correction of Unit Weight and Water Content for soils Containing Particles ASTM-D4718
 - Moisture Content AASHTO T265
 - Consolidation AASHTO T 216
 - Standard Penetration Test (SPT) AASHTO T-206
 - Cone Penetration Test (CPT) ASTM D-344
 - Shrinkage limit AASHTO T 92
 - Unconfined compression (undisturbed) AASHTO T208
 - Unconsolidated undrained direct shear AASHTO T236
 - Consolidated undrained direct shear AASHTO T236
 - Material fine the no. 200 sieve AASHTO T-11
 - Swelling Pressure ASTM D4546
 - Unit Weight AASHTO T19
 - pH AASHTO T 289-22
 - Sieve Analysis AASHTO T27
 - Sulphate Content AASHTO T 290
 - Chloride Content AASHTO T 291
 - Organic Content AASHTO T267
 - Test for Field Vane Shear Test AASHTO T 223

3. Content of EOI Documentation:

In preparing the EOI, the Consultant must give particular attention to and provide the following information:

- Certificate of incorporation/Company Registration.
- Evidence of registration within the OPR Depository.
- Evidence of personnel registration with the Board of Engineering of Trinidad and Tobago.
- Company Profile and Organization structure.
- Police Certificate of Good Character and Certificate of Good Standing (For Business).
- Tax Clearance (Have fulfilled all regulated tax requirements)
- Valid Compliance Certificates must be submitted with the submission. In the event your firm has applied for the Compliance Certificates and was unable to receive same as at the closing date of the EOI, you are allowed to submit the certificates up to a maximum of five (5) working days after the closing of the submission. Please note that Certificates submitted within the same said five (5) working day period must still be valid as at the date the submission closed and in addition must have been applied for prior to the closing of the EOI.
- Insurances, such as Professional Indemnity Insurance and Workmen's Compensation, must be submitted within the submission.
- The names and qualifications of the individuals within your company.
- A list of equipment to be utilized for materials testing (aggregate, asphalt and concrete testing).
- Calibration certificates for all equipment to be utilised. The calibration certificates must be dated within a year of the submission. Failure to submit valid calibration certificates may result in the submission being rejected.
- Recommendations or references from at least two (2) companies.
- Banker's letters (for Sole Trader) and/or Letters of comfort from creditors (for LLC).
- Management Accounts.
- Up-to-date HSE policy for various job types.

4. Submission of Details

The Geotechnical Consultant must **ONLY** submit a hard copy of the required documents namely the Compliance Certificates, Particular of Proponents and Expression of Interest Letter in Envelope 1.

Envelope 2 should have two (2) copies on flash drives of the aforementioned documents as contained in Envelope 1 **ALONG** with any additional documentation as required in the EOI document and/or required documents as noted in Section three (3) **MUST ALSO** be submitted on both flash drives. Any information as contained on the flash drives are to be considered the full and complete technical/financial EOI submission from the firm. Any missing information or omissions would be at the consultant's risk. The original documents must be prepared in indelible ink and must be signed by the authorized representative of the Consultant.

- The Final Submission Envelope to be placed in the Submission Box shall contain Envelopes 1 and 2.
- The name and address of the Respondent shall be clearly marked on the outside of Envelopes 1 and 2.
- The Final Envelope containing Envelopes 1 and 2 shall be addressed to the The Manager Procurement – **National Insurance Property Development Company (NIPDEC) Limited – 56-60 St. Vincent Street, Port of Spain** and deposited in the Submission Box located at the lobby of the NIPDEC on November 4, 2024 at 2:00 p.m.

Additional Notes:

- Experience range for the Consultant is another proposed marking criterion for Pre-Selection.

All questions related to this Expression of Interest should be sent via email to:

Mr. Curtis Doyle
Procurement Manager
National Insurance Property Development Company Limited
#56-60 St. Vincent Street
Port of Spain
cdoyle@nipdec.com



NIPDEC

Your Partner in Development