

March 31, 2026

Request for Proposals (RFP) **Geotechnical Investigation Services Cann Park II Development**

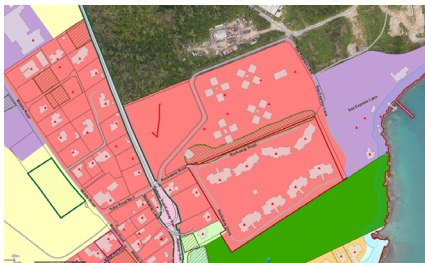
Dear Consultant,

BHC invites qualified geotechnical firms to submit proposals for a subsurface investigation to support a 3-story Precast Concrete Building with a 35,000–40,000 sq. ft. footprint on a 2.04-acre site in Bermuda.

The purpose of this investigation is to provide reliable subsurface data and engineering recommendations to support the design and construction of a precast structural system and foundations.

Location:

Gov Parcel 43398 – Sea Express Lane, Southampton, Bermuda



Site with a check mark. – Survey accompanies this RFP

Minimum borehole requirements:

- 8–12 boreholes
- depth 50–100 ft

The Geotechnical Consultant shall confirm whether subsurface conditions are suitable for precast foundation systems and shall identify any risks associated with voids, karst features, or variable bearing strata that may impact structural performance.

The tendering period is as follows:

- Proposal due date April 8, 2026 (4:00 pm) – tenders@bhc.bm

The magnitude of the work schedule is as follows:

- Award of Contract: April 10, 2026
- Field Investigation: Within 2–3 weeks of award
- Draft Report: Within 1 week of field completion
- Final Report: Within 1 week of comments, May 15, 2026



The geotechnical investigation shall include:

- Determine subsurface soil and rock conditions
- Evaluate bearing capacity and settlement characteristics
- Identify groundwater conditions
- Assess excavation conditions
- Provide design parameters for foundation systems
- Identify geotechnical risks (e.g., karst, voids, variable limestone conditions)

Boreholes shall be placed at strategically located points across the site (Consultant to recommend spacing to be proposed)

BHC aims to provide a thorough report to construct a precast multi-unit and multi-story edifice. As such we shall require the following:

- Test pits (if required)
- Rock coring (if encountered)
- Standard Penetration Tests (SPT)
- Groundwater monitoring

Lab Testing:

- Grain size distribution
- Atterberg limits
- Moisture content
- Unconfined compressive strength
- Consolidation testing
- Permeability testing

Engineering Analysis

- Bearing capacity recommendations
- Settlement analysis
- Foundation design parameters
- Lateral earth pressures
- Slope stability
- Groundwater impact on design
- Corrosivity assessment

Final Geo-Tech Report:

- Site description
- Investigation methodology
- Borehole logs
- Laboratory results
- Subsurface profiles
- Engineering analysis
- Foundation recommendations
- Construction considerations
- Risk identification

The Bermuda Housing Corporation (BHC) intends to submit an application for a building permit to excavate the project site to an approximate formation level of 50 feet above mean sea level (50' ASL). The Geotechnical Consultant shall take this proposed excavation level into full consideration when planning and executing the subsurface investigation and shall:

- (a) Assess subsurface conditions to a depth sufficient to evaluate soil and rock characteristics below the proposed excavation level.
- (b) Identify any geotechnical risks associated with excavation to the proposed formation level, including but not limited to slope instability, groundwater ingress, voids, karst features, and variable bearing strata.
- (c) Provide recommendations regarding excavation methods, temporary work, and stabilization measures required to safely achieve the proposed formation level.
- (d) Evaluate groundwater conditions relative to the proposed excavation depth and provide recommendations for dewatering, drainage, and hydrostatic pressure management.
- (e) Confirm the suitability of the proposed formation level for supporting the intended foundation systems, including precast structural foundations.
- (f) Advise on any required over-excavation, ground improvement, or alternative foundation solutions if unsuitable conditions are encountered.

The Consultant shall ensure that all recommendations are coordinated with the structural requirements of the proposed development and shall clearly identify any risks that may impact cost, constructability, or long-term performance.

Should you have any further queries, please do not hesitate to contact me at keinof@bhc.bm

Sincerely,



Keino E. Furbert-Jacobs, B. Arch
Project Manager
Bermuda Housing Corporation