Request for Proposals

Slope Stability Assessment

Port of Port Orford, Oregon

Due Date and Time: Tuesday, September 22, 2025, at 4:00 pm PST

Catherine Scobby, Port Administrator,
Port of Port Orford
P. O. Box 490 | 300 Dock Rd, Port Orford, OR 97465
(541) 332-7121
c.scobby@portofportorford.org

Pursuant to Port Public Contracting Rule 137-048-0220, the Port of Port Orford ("Port") is soliciting proposals from qualified geotechnical engineering firms to conduct a comprehensive slope stability assessment and develop slope stabilization mitigation options for critical Port infrastructure.

Copies of the Request for Proposals, contract terms, and conditions and specifications may be obtained from the Port of Port Orford, PO Box 490, Port Orford, OR 97465 or at the Port Office located at the Port of Port Orford. The complete RFP documents and associated addendums can be found online at https://portofportorford.org/requests-for-proposal/. All questions pertaining to the RFP shall be directed to projects@portofportorford.org, or by calling 541.521.7121.

Proposals must be received no later than Tuesday, September 22, 2025, at 4:00 pm PST. Proposals not received by that time will be rejected as non-responsive and returned unopened. Proposals must be submitted in sealed envelopes and plainly marked on the outside, "Proposal for Port of Port Orford Slope Stability Assessment, Attention: Catherine Scobby, Port Administrator." Proposals may be submitted by mail or in person to Port of Port Orford, PO Box 490, Port Orford, OR 97465, or emailed to projects@portofportorford.org.

No prequalification will be required for submittal of a Proposal. The final Contract will be for a public work, subject to ORS 279C.800 and 279C.870.

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1. Introduction to Project

1.1 Description

Critical Infrastructure at Risk: Dock Road in Port Orford is the sole access route to and from the Port of Port Orford, making it critical infrastructure for the community's economic lifeline. This roadway serves as the only commercial route used to transport wild harvested seafood products from the Port to processors and markets. With an average of $5M in ex-vessel value seafood products landed at the Port each year, this infrastructure supports approximately $7-10M in economic contribution to the State's economy.

Identified Hazard and Risk: The Port has identified slope instability above Dock Road that poses a significant risk to this critical transportation infrastructure. A potential landslide from the unstable slope could damage or destroy Dock Road, severing the Port's only connection to regional transportation networks and severely disrupting the local commercial fishing economy. This slope instability also threatens the safety of workers and visitors in the area.

Mitigation Project Scope: This project will assess slope stability conditions and develop mitigation alternatives for the slope above Dock Road to ensure its continued utility as an essential component of the intermodal transportation network. The Port has conducted preliminary assessment of the slope conditions and is ready to complete the comprehensive geotechnical assessment needed to inform the final slope and soil stabilization design and construction.

Integration with Community Resilience: This mitigation project is part of a coordinated Port-wide infrastructure resilience program. Related projects include:

• Port Infrastructure improvements including replacement of high-capacity cranes used to launch and retrieve vessels, funded by the ODOT - Connect Oregon and Business Oregon, with funds appropriated by the Oregon State Legislature.

• A pump-ashore seawater system funded by the Oregon Regional Infrastructure Fund.

• A new Seafood Hub, with planned funding from the US Department of Transportation MARAD/PIDP to house a fishermen-led seafood cooperative and other seafood businesses, mariculture businesses, community amenities, Port facilities and offices.

Critical Infrastructure Protection: The Seafood Hub facility will be located at the base of Dock Road, where it would be at direct risk of damage from a potential landslide caused by the unstable slope. This slope stability assessment is essential to protect this significant infrastructure investment and ensure the safety of workers and visitors at the site. By developing mitigation alternatives for the slope above Dock Road, this project will provide long-term protection for both the critical transportation route and the community's economic infrastructure.

Project Budget Range: The Port has allocated approximately $225,000 - $275,000 for this slope stability assessment. Proposers should structure their proposals within this range.

Project Timeline: The Port expects the assessment to be completed within 12-18 months of contract award, including a 6-month monitoring period.

1.2 Anticipated Selection Schedule

The Port anticipates the following general timeline for its selection process. The Port reserves the right to change this schedule.

• RFP Advertised	August 28, 2025
• Proposal Due Date	September 22, 2025
• Initial Evaluation Scores Announced	September 26, 2025
• Selection Committee Evaluation	September 30, 2025
• Invited Price Information Deadline	October 13, 2025
• Anticipated Award	October 20, 2025
• Contract Approval	October 27, 2025
• Commencement of Contract	November 1, 2025

2. Prior Geotechnical Engineering Work

The Port has previously contracted for geotechnical engineering consulting services during the development of the Seafood Hub Project. The findings of these reports may be found in attachments appended to this RFP.

3. Geotechnical Engineering Services Required

3.1 Summary

The Port of Port Orford is seeking the services of a qualified geotechnical engineering consultant to assess the stability of the slope adjacent to the preferred site of the new Port Orford Seafood Hub, as indicated in the Port Redevelopment Circulation & Access Study Conceptual Site Plan, produced by Cameron McCarthy under contract with the Port. The firm or individual selected will report to the Port Administrator, coordinate with other Project Managers, manage the technical aspects of the slope stability assessment and compile regular progress reports to the Port Commission. The list, included in the Scope of Work below, is intended to be representative but not exhaustive of the services required.

The Project may also include a Phase II, consisting of design and construction documents for the selected slope stability mitigation. This will include 60%, 90%, and Final design stage deliverables, preparation of bidding documents, assistance during bidding, engineering support during construction, and construction management services.

All Proposers are placed on notice that the scope of the Project and its costs may be revised, expanded, or reduced before a contract is executed between a Proposer and the Port. For purposes of submitting a proposal, the services described in the proposal should be drafted to separately address each of the above-referenced portions of the Project. The Port intends to enter into a contract in the form attached as Attachment A for Phase One of the Project, with the selected Engineer after negotiating a maximum not to exceed dollar amount for services through Phase I, and hourly rates and fees to apply to possible design and construction services. Contract amounts will be based upon time and materials for all engineering and other work rendered. An addendum to the awarded Contract will be negotiated for Phase II of the Project, if undertaken.

Proposal clarifications or additional information requested by Port must be provided by Proposer within 24 hours of request, excluding weekends and holidays.

3.2 Minimum Qualifications

The proposer must be a geotechnical engineering consultant capable of demonstrating the qualifications necessary to complete the work described in the scope of work outlined in Attachment B.

Minimum requirements include:

- Licensed Professional Engineer in the State of Oregon
- Minimum 7 years experience in slope stability analysis and geotechnical engineering
- Experience with coastal marine environments and similar geological conditions
- Professional liability insurance minimum $1,000,000 per occurrence
- General liability insurance minimum $1,000,000 per occurrence

3.3 Scope of Work

See Attachment B for detailed scope of work related to specific aspects of the Slope Stability Assessment Project.

3.4 Project Management and Technical Responsibilities

3.4.1 Project Management

- Establishes work plan and staffing for each phase of the project
- Directs and coordinates activities of project personnel to ensure project progresses on schedule and within prescribed budget
- Reviews status reports and modifies schedules or plans as required
- Prepares project reports for Port management, Port Commissioners, funders, and others
- Maintains liaison with the Port to facilitate project activities

3.4.2 Technical Responsibilities

- Conducts geotechnical exploration and analysis per scope of work
- Prepares engineering reports and cost estimates

- Documents daily resources utilized in performance of work
- Organizes and directs field work assignments
- Identifies differing site conditions or changes to scope
- Ensures compliance with all applicable safety and environmental regulations

3.4.3 Site Safety and Access Requirements

All work must be coordinated with ongoing Port operations. Consultant must:

- Develop and implement site-specific safety plan
- Coordinate with Port Administrator for site access
- Comply with all OSHA requirements and Port safety protocols
- Provide advance notice of field activities that may affect Port operations

3.5 Competencies

To perform the job successfully, the applicant should possess and demonstrate the following competencies:

3.5.1 Business Literacy: ability to understand the line of business, to take the project vision and translate it into the slope stability assessment vision.

3.5.2 Corporate Procedures and Tools: ability to understand and apply established policies and procedures, corporate tools and requirements to the project.

3.5.3 Communications: ability to produce clear status reports, write clearly, communicate tactfully and candidly, exhibit clear verbal skills and demonstrate excellent listening skills.

3.5.4 Financial Acumen: ability to understand how decisions affect the bottom line for the Port's infrastructure projects; know about general financial and accounting principles and practices that affect operations; and know about the links between operations and the Port's financial performance, which is essential to create value for all the organization's stakeholders.

3.5.5 Leadership: ability to motivate project members, set achievable objectives, maintain a positive outlook, take responsibility, make decisions, and provide constructive feedback.

3.5.6 Time Management: ability to manage competing priorities effectively, to be resourceful and to use time as a resource.

3.5.7 Environmental, Health and Safety Management: Understand and know how to comply with all regulations; implement a positive attitude toward health and safety in the design and execution of the project; ensure safe deliverables and incorporate sustainable development practices.

3.5.8 Diversity, Equity, and Inclusion: Understand these principles, and be capable of implementing them proactively and thoroughly during the execution of the project.

3.6 Required Qualifications

3.6.1 Qualifications. To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, education, and experience required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

3.6.2 Education/Experience: Bachelor's (B.A. or B.S.) from four-year college or university in Civil or Geotechnical Engineering and at least seven years' experience with geotechnical engineering and slope stability analysis, preferably in coastal marine environments or an equivalent combination of education and experience. Professional Engineer license in Oregon required.

3.6.3 Language Ability: ability to communicate clearly and effectively in order to manage and motivate staff individually and as a team.

3.6.4 Reasoning Ability: must have a record of impartial, objective analysis, approaching issues with an open mind; be able to identify possible solutions that are technically and conceptually sound.

3.6.5 Working knowledge of standard geotechnical engineering practices, Oregon engineering law, and Oregon public contracting laws and regulations.

3.7 Work Environment

The work environments described here are representative of those an individual may encounter while performing the services. Reasonable accommodations may be made to enable individuals with disabilities to perform the services. While performing the services, an individual may be required to frequently inspect the project site and may be exposed to ongoing construction and various weather conditions. The noise level in the work environment may range from moderate to loud.

Reasonable accommodations may be made to enable individuals with disabilities to perform the services. The individual may be occasionally required lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision and color vision. Individuals may be occasionally required to sit in a vehicle for up to eight (8) hours. Individuals may be occasionally required to reach with hands and arms. Individuals may be occasionally required to climb or balance, stoop, climb ladders, board boats, kneel, crouch and/or crawl.

3.8 Social Equity

Economic prosperity through diversity and collaboration is fundamental to equity in contracting. Part of the Port of Port Orford's Vision states that we will "Encourage a strong, sustainable and vibrant economy, fully utilizing our educational and cultural assets, so that every person has an opportunity to achieve financial security." The program aims to reduce barriers for local, small, minority and women-owned businesses to leverage all that our community has to offer, strengthening the business community as a whole.

3.9 Minority/Women-Owned and Emerging Small Businesses

The Port supports the utilization of Minority-Owned, Women-Owned, Emerging Small Businesses (M/W/ESB), local businesses, Disadvantaged Business Enterprises (DBE) and Qualified Rehabilitation Facilities (QRF) at both a prime and subcontracting and/or supply chain level. The Port encourages proposers to achieve a minimum 15% participation goal for M/W/ESB subcontracting where feasible. The Port encourages eligible suppliers to gain certification and encourages the awarded proposer to use the following voluntary practices to promote open competitive opportunities for disadvantaged businesses in the fulfillment of the scope of work:

3.9.1 Access lists of certified minority, women, emerging small business or disadvantaged business enterprises from the Certification Office of Business Inclusion and Diversity (COBID) by visiting their website at: https://oregon4biz.diversitysoftware.com/FrontEnd/VendorSearchPublic.asp to find certified businesses from whom to procure products or services.

3.9.2 Visit the Oregon State Qualified Rehabilitation Facilities Program website at http://dasapp.oregon.gov/qrf/index.aspx to search for Qualified Rehabilitation Facilities from whom to procure products or services.

3.9.3 Individuals associated with providing the services must be able to pass a criminal background check and drug screen, and be available to work out-of-town when requested.

4. Proposal Instructions

4.1 Proposal Submittal and Due Date

Submission. Proposals shall be sealed in an opaque envelope, clearly marked "Confidential: Port of Port Orford Slope Stability Assessment Proposal", and delivered to the following physical address:

> Proposal for Slope Stability Assessment
> c/o Catherine Scobby, Port Administrator, Port of Port Orford, Oregon
> 300 Dock Rd, Port Orford, Oregon 97465

Or, by USPS to the following mailing address:

> Proposal for Slope Stability Assessment
> c/o Catherine Scobby, Port Administrator, Port of Port Orford, Oregon PO Box 490, Port Orford, Oregon 97465

The name and address of the proposer must appear on the outside of the submission. Electronic transmittals will be accepted but must be followed with a paper copy.

Proposal Due Date. The Port of Port Orford must physically receive the proposer's proposal no later than Tuesday, September 22, 2025 at 4:00 pm PST. The Port does not intend to excuse proposals delayed past the deadline by negligence or mistake attributable

to parties not the Port. The Port recommends that proposals be delivered well in advance, with confirmation of receipt requested.

Contact Person. All questions regarding this Request for Proposals should be directed to: Catherine Scobby, Port Administrator, Port of Port Orford, Oregon Mailing Address: P. O. Box 490, Port Orford, Oregon 97465 Telephone: (541) 332-7121 Email: c.scobby@portofportorford.org

Questions and Answers Process: Written questions regarding this RFP may be submitted until 4:00 pm PST on Monday, September 8, 2025. The Port will provide written responses to all questions by Friday, September 12, 2025, and will post responses on the Port's website.

4.2 Additional Requirements for Submittals

The Port may modify this RFP via addenda before the proposal due date. Please check the Port's website for updates at least weekly, and daily the week before closing. Receipt of all addenda must be acknowledged in submitted proposals.

All proposals submitted are the property of Port, thus subject to disclosure pursuant to the public records law, as qualified by ORS 279C.107. Accordingly, proposals received and opened shall not be available for public inspection until after Port has awarded and executed the attached Contract. Thereafter, except for information marked "Proprietary," all documents received by Agency shall be available for public disclosure. Agency will attempt to maintain the confidentiality of materials marked "Proprietary" to the extent permitted under the Oregon Public Records law.

4.3 Withdrawals

A proposer may withdraw or replace an already-submitted proposal freely up to the deadline for submission; however, after the deadline, the proposer is expected to honor its submission as binding. An award of the contract to any proposer shall not constitute a rejection of any other proposal.

4.4 Incurred Costs

The Port of Port Orford is not liable for any costs incurred by proposers in the preparation or presentation of their proposals.

4.5 Protest of Request for Proposals

A proposer may submit a written protest of anything contained in this Request for Proposals and may request a change no later than the close of business on Wednesday, August 27, 2025, pursuant to the rules of OAR 137-048-0240.

4.6 Proposal Format and Contents

Proposals should be prepared in generally the following format, and shall include, at a minimum, the following terms:

4.6.1 A short introductory cover letter, signed by the proposing individual, or by the managing partner, managing member, or Chief Executive Officer or equivalent if the proposer is an entity.

4.6.2 The name of the person(s) authorized to represent the proposer in negotiating and signing any agreement which may result from the proposal;

4.6.3 Qualifications:

- A description of the proposer's relevant experience and its success and excellence in results;
- Provide a brief description of up to five (5) relevant slope stability assessment projects that involved at least one key member of your proposed team. Include the following for each project (1 page max. per project)
    - Project name, location, client, and completion date
    - Project scope, challenges, and solutions implemented
    - Role of key team members
    - Project outcomes and lessons learned
- Information about the personnel to be assigned to the project and references which may be contacted by the Port;
- Appropriate licensure for respective engineering work and services to be performed; and
- Proposer's understanding of the Port's infrastructure and services to be performed.

4.6.4 Explain your general approach to slope stability assessment project management, including your approach to providing in-person staffing at meetings and on the project site. Describe tools you use through each project phase, specifically tools to track issues, communications, budgets and schedules. (Include your approach to data collection, analysis software to be used, and quality control procedures.) (2 pages max.)

4.6.5 Describe opportunities and challenges for this slope stability assessment particularly as related to its implementation. Explain the strategies you use to respond to these. Include any recommended changes to the project scope of work. (2 pages max.)

4.6.6 Describe your approach to sustainability for the slope stability assessment project.

4.6.7 Include specific commitments to M/W/ESB participation and describe how you will achieve the Port's 15% participation goal.

4.6.8 A personal statement about why the proposer wishes to provide the services to the Port of Port Orford, and comments about what may make the proposer specially or uniquely situated to provide the services;

4.6.9 Information about the proposer's insurance coverage and professional liability insurance; specifically including evidence of Professional Liability Insurance with minimum

coverage of $1,000,000 per occurrence and General Liability Insurance with minimum coverage of $1,000,000 per occurrence; and

4.6.10 A list of at least three references from government clients of similar size for whom similar services have recently been provided.

4.6.11 A list of tasks, responsibilities, and qualifications of any subconsultants proposed to be used on a routine basis and proof of adequate professional liability insurance for any subconsultants.

4.6.12 Written affirmation that the firm has a policy of nondiscrimination in employment because of race, age, color, sex, religion, national origin, mental or physical handicap, political affiliation, marital status, or other protected class, and has a drug-free workplace policy.

4.6.13 State whether firm/individual is currently, or has been during the last five years, involved in defending, negotiating, mediating, or litigating (in court, administrative proceedings, or arbitration), any claims or liens relating to or arising from you/your company's business activities.

4.7 Price Information

A proposer may be requested by the Port to provide pricing policies, rates, and other cost information (collectively "Price Information"). Price Information shall not be submitted as part of a proposal, but shall be submitted only when requested by Port. Proposers should refer to Section 5.# for information on Price Information and associated evaluation procedures.

5. Selection Criteria and Evaluation

5.1 Evaluation Process

Proposals will be evaluated by a Selection Committee comprised of one or more Port Commissioners and one or more Port staff and agents. Proposals will be first evaluated under the criteria and weights accorded in Section 5.2 below, by the Selection Committee. If the Port deems it desirable, the Port may elect to interview one or more of the top candidates. The Selection Committee will select up to three of the most qualified candidates, without regard to the price of the services.

The Port is using a qualifications-based selection process, which includes consideration of Price Information, as allowed for contracts anticipated to exceed $150,000, pursuant to ORS 279C.110(5) and OAR 137-048-0220(4)(C). Accordingly, after the first phase of review, the Port may request Price Information from those top-ranked Proposers.

In the second phase of review, considering Price Information, the Port will request of the top-ranked Proposers the Price Information identified under Section 5.2 below. The Price Information may receive up to a maximum of 25 points. If requested to provide Price Information, a Proposer must submit the Price Information to the Port within ten (10)

business days of the date of the Port's request. The Port may disqualify a Proposer for a late submission of the Price Information.

5.2 Criteria upon which the top qualified Consultant(s) will be selected

Proposals will be ranked based upon the criteria permitted by OAR 137-048-0220(4)(B), as follows. Selection criteria include, but are not limited to, the following:

5.2.1 Experience (25 points) Specialized experience in the type of work to be performed.

5.2.2 Approach (20 points) Approaches to staffing, scheduling, and managing of slope stability assessment projects.

5.2.3 Project Understanding (20 points)

5.2.4 Triple Bottom Line (10 points) - The Triple Bottom Line, or TBL, is a framework that is sometimes used to reach sustainability goals. It helps delineate impacts, benefits and trade-offs in three key areas: environment, equity, and economy.

5.2.5 MWBE (Minority/Woman - Owned Business Enterprises) (10 points) - A Consultant's ownership status and employment practices regarding women, minorities and emerging small businesses or historically underutilized businesses.

5.2.6 References (Pass/Fail) Provide contact information for three individuals that the member(s) of the Project team (assigned to this project have worked with within the last 5 years. Include contact name, title, phone number, company/entity name, and the project name.

5.3 Pricing Information Review

Following selection of the most qualified consultants, the Port may request additional Pricing Information.

Price Information (15 Points) Pursuant to ORS 279C.110(5)(c)(A), the Price Information shall consistent of: a schedule of hourly rates that the Proposer will charge for the work of each individual or each labor classification that will perform the professional services required for Project, in the form of an offer that is irrevocable for not less than ninety (90) days after the date of the proposal; and a reasonable estimate of hours that Proposer will require to perform the Project's professional services. Pursuant to ORS 279C.110(5)(c)(B), Price Information may also include: a description of each task that the Proposer understands as comprising Project professional services; a list of each individual or labor classification that will perform each Project task, together with the hourly rate that applies to the individual or labor classification; and a list of expenses, including travel expenses, that the Proposer expects to incur in connection with completing Project's professional services.

The Port requests that Proposers provide a breakdown of hours estimated, at each staff level, the hourly billing rate, and resulting fee for the tasks identified in Scope of Work, Attachment B.

5.4 Awardee Selection and Contract Negotiations

After the two-step evaluation process, the Port intends to select the highest scoring responsible Proposer, which will be based upon the total from both non-pricing and Price Information review (a possible maximum total of 100 points). After the Selection Committee scores and ranks Proposals, the Committee will make a written recommendation, with reasoning, on the Awardee selection to the Port Commission. The Commission will make the final decision on selection of the most suitable candidate for the Port's Project. All proposers will be notified of the Commission's decision.

Following Commission selection, the Port will commence negotiations on the Engineering Services Contract with the Awardee. The Port's proposed Engineering Services Contract, including applicable terms and conditions, is attached as Attachment A.

6. Reservation of Rights

The Port reserves the right to: 1) seek clarifications of each proposal; 2) negotiate a final contract that is in the best interest of the Port and the public; 3) reject any or all proposals; 4) cancel this RFP at any time if doing so would be in the public interest, as determined by the Port in its sole discretion; 5) award one or more contracts to any proposer based on the evaluation criteria set forth in this RFP; 6) waive minor informalities contained in any proposal, when, in the Port's sole judgment, it is in the Port's best interest to do so; 7) request any additional information the Port deems reasonably necessary to allow the Port to evaluate, rank and select the most qualified proposer to perform the services described in this RFP; and 8) award to one or more qualified proposer(s).

ATTACHMENT C: Port Redevelopment Circulation & Access Study Conceptual Site Plan Developed by Cameron McCarthy under contract to the Port of Port Orford. *(see posting on Port website)*

ATTACHMENT A: Slope Stability Assessment Engineering Services Contract

ATTACHMENT B: Scope of Services Port of Port Orford Slope Stability Assessment

Scope of Services

Port of Port Orford Seafood Hub Development Slope Stability Assessment

Project Description

The Port of Port Orford (Port) is seeking a qualified geotechnical engineering consultant to conduct a comprehensive slope stability assessment and develop slope stabilization mitigation options for critical Port infrastructure. This assessment is required to address slope instability above Dock Road, the sole access route to the Port that serves as the only commercial transportation route for wild harvested seafood products worth approximately $5M annually in average ex-vessel value.

The slope stability assessment is needed in connection with the Port's planned redevelopment of a site located just north of the Port's high dock. The new Seafood Hub development is envisioned to be a multi-tenant and Port occupied building located between Dock Road and the Pacific Ocean. The Seafood Hub is situated to provide multifaceted beneficial access to Port facilities and other unique attributes, but the site faces geological challenges from the steep hillside upslope with suspected instability.

The Port is seeking a consultant to investigate the upslope conditions, evaluate the potential risk to both Dock Road and development at the Seafood Hub site, and prepare comprehensive risk mitigation alternatives to ensure the safety and stability of this critical infrastructure.

Scope of Services Requested

The Port is seeking a comprehensive evaluation of the geologic hazards associated with developing the Seafood Hub at the location indicated on **Attachment C.** The Port expects that this evaluation will include exploration, monitoring, slope stability analysis, and preparation of risk mitigation alternatives that include cost analyses.

Phase I - Task 1 – Project Management

The Consultant will provide management of the consulting team and will facilitate meetings with Port staff on a bi-weekly basis during the exploration phase, and monthly during subsequent phases.

Consultant will prepare the following plans for the Port's review within two weeks of the notice-to-proceed:

- Project Work Plan
- Quality Control Plan

Phase I - Task 2 – Geotechnical Exploration and Monitoring Installation

The Consultant will plan and direct a program of no fewer than five exploratory subsurface borings upslope of Dock Road in the areas that have the potential to affect the planned development. The borings shall extend up to 80 feet below the existing ground surface. Mud rotary drilling techniques are to be used, and standard penetration tests are to be performed until bedrock is encountered. Once bedrock is encountered, 10 to 20 feet of rock coring and sampling are to be completed.

Inclinometer casings and vibrating-wire transducers with dataloggers are to be installed in each borehole.

Phase I - Task 3 – Geotechnical Evaluation and Reports

The Consultant will produce a preliminary report following the conclusion of Task 2 activities that summarizes the findings of the explorations and includes the initial readings from monitoring instruments.

Following the monitoring program, the Consultant will produce a final report that summarizes the results of the slope stability analysis and that provides stability mitigation alternatives, with corresponding cost estimates and construction timelines.

Phase II - Task 4 (Contingency Task): Slope Stability Mitigation Design and Construction

If, after Phase I is completed, the Port decides that it is desirable to proceed to Phase II and continue working with Consultant, Consultant will provide design and construction documents for the selected slope stability mitigation. This will include 60%, 90%, and Final design stage deliverables, preparation of bidding documents, assistance during bidding, engineering support during construction, and construction management services.

Geotechnical Engineering Reports attached:

Attachment D: Feasibility Geotechnical Engineering Report, PBS Project No. 90321.000
Attachment E: Additional Geotechnical Engineering Report, PBS Project No. 73422.000