

GOVERNMENT OF
THE VIRGIN ISLANDS OF THE UNITED STATES

Request for Proposal - Negotiation
PROFESSIONAL SERVICES

To: Date May 10, 2016
..... RFP-009-2016 (Professional)

Pursuant to 31 V. I. C. § 239 (a) (4) and the Rules and Regulations thereunder issued, the Government of the Virgin Islands, Property and Procurement, will receive proposals for the work described below. Proposals will be received until **Tuesday, June 7, 2016 at 4:00 P.M.**

DESCRIPTION OF WORK

The Government of the Virgin Islands, Department of Property and Procurement is requesting proposals from qualified contractors for the following services: **RFP-009-2016(P) Tsunami Computer Modeling, U.S. Virgin Islands.**

SCOPE OF SERVICES: SEE ATTACHED

NEGOTIATED PROCEDURES:

The Commissioner of the Department of Property and Procurement will appoint a Selection Committee to assist in the evaluation and selection of the Contractor. Accordingly, current data on qualifications and performance should be submitted with proposals. After reviewing the qualifications and proposals, the Committee will select for discussions from the firm/s or person/s considered not less than three (3), in order of preference, **deemed to be the most highly qualified to provide the services herein required.** Discussions will be conducted successively and severally with the firms or persons so selected regarding the anticipated concepts and the relative utility of alternative methods of approach for furnishing the services hereunder.

FACTORS FOR DISCUSSIONS:

Selection criteria will include (i.) Professional qualifications, registration and general reputation of the principals of the firm; (ii) the extent to which the firm or person specialized in or has designed project of a type and scope similar to that hereunder; (iii) familiarity with the area in which the project is to be located; (iv) capability of meeting schedules; and (v) quality of performances on other projects.

NEGOTIATION:

The Selection Committee shall recommend to the Commissioner **the highest qualified firm or persons with whom a contract shall be negotiated.** The Commissioner, with the assistance of the Selection Committee shall negotiate a contract with such firm or person.

Should the Commissioner be unable to negotiate a satisfactory contract with the firm considered to be the most qualified, at a price he determines to be fair and reasonable to the Government, negotiations with that firm will be formally terminated? Negotiations will then be commenced with the second most qualified, the third most qualified or additional firms, in order of preference and their competence and qualification, and shall continue until an agreement is reached.

Randolph N. Bennett
Commissioner
Property and Procurement

INSTRUCTION TO PROPOSERS

A. NOTICE

This project is for, the following services: **RFP-009-2016(P) Tsunami Computer Modeling, U.S. Virgin Islands.**

Information provided in the scope of work is to be used only for purposes of preparing a proposal. It is further expected that each bidder will read the scope of work with care, for failure to meet certain specified conditions may invalidate the proposal.

The Government of the Virgin Islands, hereinafter referred to as GVI, reserves the right to reject any or all proposals or any portion thereof and to accept the proposal deemed most advantageous to GVI. Price shall not be the sole criterion of awarding this project. Scope and quality of work proposed and the ability of the bidder to complete this type of project shall be considered.

Applicants are requested to submit proposals based on the scope of work. Alternative proposals recommending new features and technology other than that requested in the scope of work will receive consideration providing such new features and/or technology is clearly explained. Any exceptions to the requirements requested herein must be clearly noted in writing and be included as part of the proposal.

The information contained herein is believed to be accurate, but is not to be considered in any way as a warranty. Request for additional information clarifying the Scope of Work should be directed in writing to **Chief of Procurement & Contracts, Lloyd T. Bough Jr. at lloyd.bough@dpp.vi.gov.**

B. STATEMENT OF PURPOSE

This project has been addressed to assist the Government of the Virgin Islands in meeting The need for the following services: **RFP-009-2016 (P) Tsunamic Computer Modeling U.S. Virgin Islands.**

C. PROPOSED SCOPE OF WORK

SEE ATTACHED SCOPE OF WORK

D. TIMETABLE.

1. Proposals will be accepted at the Department of Property and Procurement, no later than **Tuesday, June 7, 2016 at 4:00 P.M.**
2. Last Day for Questions: **Tuesday May 31, 2016 at 4:00 P.M.**

E. SUBMISSION OF PROPOSAL

All interested parties shall submit seven (7) sets of proposals(one (1) original and six (6) copies), which are to be delivered to the Department of Property and Procurement during normal business hours, no later than Tuesday, June 7, 2016 at 4:00 P.M.

They shall be addressed to:

Randolph N. Bennett
Commissioner
Department of Property and Procurement
#3274 Estate Richmond, Christiansted
St. Croix, U.S. Virgin Islands 00820-4200

The sealed envelope containing the proposal must have the following information written on the outside of the envelope:

SEALED PROPOSALS - DO NOT OPEN

RFP-009-2016(P)
(Name of Offeror)
(Mailing Address of Offeror)
(Telephone Number of Offeror)
(Fax Number of Offeror)

Where proposals are sent by mail, the bidder shall be responsible for their delivery to the Department of Property and Procurement before the date and time set for the closing of acceptance of proposals.

F. WITHDRAWALS OF PROPOSAL

A proposal may be withdrawn at any time prior to the time specified as the closing time for acceptance of proposals. However, no proposal shall be withdrawn or canceled for a period of thirty (30) days after said closing time for acceptance of proposals nor shall the successful provider withdraw or cancel or modify his proposal, except at the request of GVI after having been notified that said proposal has been accepted by GVI.

G. INTERPRETATION OF SPECIFICATIONS

If any person contemplating submitting a proposal requires clarification of any part of the scope of work, he/she may submit to the GVI a written request for an interpretation thereof to the **Chief of Procurement & Contracts, Lloyd T. Bough Jr.** GVI will not respond to questions received after the above-established date. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the scope of work will be made in writing to all prospective providers. Oral explanations will not be binding.

H. CONSIDERATION OF PROPOSAL

The Commissioner of Property and Procurement shall represent and act for GVI in all matters pertaining to the scope of work and contract in conjunction therewith. **This RFP does not commit GVI to the award of a contract, nor pay any cost incurred in the preparation and submission of proposals in anticipation of a contract. GVI reserves the right to reject any or all proposals and to disregard any informality and/or irregularity in the proposal when, in its opinion, the best interest of GVI will be served by such action.** Proposals failing to provide some of the items in the scope of work shall not be rejected per se, but any deviations from the scope must be clearly noted.

I. ACCEPTANCE OF PROPOSALS

GVI will notify in writing acceptance of one of the proposals. Failure to provide any supplementary documentation to comply with the vendor's proposal may be grounds for disqualification.

J. CONTENTS OF PROPOSAL

The following is a list of information to be included in the written proposal. Failure to comply with all the requirements as outlined may disqualify the applicant.

1. Introductory letter about the applicant:
 - a. Firm Name, address, fax and telephone
 - b. Type of service for which Firm is qualified.
2. Organization:
 - a. Names of Principals of Firm
 - b. Names of key personnel with experience of each and length of time in organization.
 - c. Number of staff available for assignment. (Local & Off-Territory)
 - d. Copy of Article of Incorporation
 - e. Copy of Certificate of Resolution
 - f. Copy of Valid Business License
 - g. Copy of Certificate of Good Standing

3. Outside consultants that will be retained for this project and percentage of work to be sub-contracted.
4. Project experience:
 - a. List of completed projects of similar type and estimated cost of each.
 - b. Current projects underway; scope; percentage completed to date and estimated cost of each.
5. Project References: (including a notarized written consent from the authorized representative which must include: name; telephone number; email address and facsimile number).
6. Project Approach:
 - a. Describe how you will approach this project and availability to perform the services requested.
7. **Cost:** The Cost Proposal must be submitted in a separate sealed envelope.

K. CONFLICT OF INTEREST

A bidder filing a proposal hereby certifies that no officer, agent or employee of GVI has a pecuniary interest in this proposal or has participated in contract negotiations on behalf of GVI; that the proposal is made in good faith without fraud, collusion, or connection of any kind with any other Bidder for the same request for proposals; the Bidder is competing solely in its own behalf without connection, with, or obligation to, any undisclosed person or firm.

L. LICENSE REQUIREMENT

An award will not be made to any firm or individual doing business in the Virgin Islands to perform work with the Government of the Virgin Islands until evidence is submitted that the said firm or individual has a valid V. I. Business License to do similar business in the Virgin Islands. Bidders must submit hard copy of a valid V. I. Business license within ten (10) working days after award.

All Bidders bidding as Joint Ventures that do business in the Virgin Islands must be licensed as a Joint Venture in the Virgin Islands.

M. REQUIRED DOCUMENTS

1. PUBLIC LIABILITY: The successful bidder will be required to obtain and have in place public liability insurance and other insurance necessary as requested in this proposal package. Insurance policy(ies) shall name the Government of the Virgin Islands as “**Additional insured.**” The public liability insurance shall have a minimum limit of not less than **one hundred thousand (\$100,000.00) dollars** for any one occurrence for death or personal injury and **one hundred thousand (\$100,000.00) dollars** for any one occurrence for property damage. Offeror must provide public liability insurance with ten (10) working days after award.
2. WORKERS’ COMPENSATION: Within ten (10) working days after award of project the successful offeror must submit a copy of their certificate providing that his firm and his agents are covered by Workers Compensation Employee’s Liability.

FAILURE TO PROVIDE THE CERTIFICATES WITHIN THE STATED TIME PERIOD MAY RESULT IN THE PROPOSAL DEEMED AS NON-RESPONSIVE AND MAY BE IMMEDIATELY DISQUALIFIED WITH NO FURTHER CONSIDERATION GIVEN FOR POTENTIAL AWARDED OF THE CONTRACT.

N. REQUIREMENTS FOR CORPORATIONS:

1. ARTICLES OF INCORPORATION
2. CERTIFICATE OF CORPORATE RESOLUTION
3. CERTIFICATE OF GOOD STANDING

THESE WILL BE REQUIRED PRIOR TO AWARD OF CONTRACT.

Virgin Islands Territorial Emergency Management Agency



Tsunami Computer Modeling

SCOPE OF WORK

Scope of Work Summary

I. Client Overview

VITEMA is the territorial agency with primary responsibility for ensuring the territory's resilience to disasters. VITEMA's staff of professional planners, communications specialists, logicians, operations managers and support personnel is committed to an all hazards approach to emergency management.

By building and sustaining effective partnerships with federal, state and local government agencies, and with the private sector - individuals, families, non-profits and businesses- VITEMA ensures the Territory's ability to rapidly recover from large and small disasters by assessing and mitigating hazards, enhancing preparedness, ensuring effective response, and building the capacity to recover.

II. Purpose

VITEMA is looking for a reputable and experienced Consultant to develop computer models for inundation/evacuation and current/maritime purposes that leads to the development of assessments of risks, sources, propagation, tsunami currents and inundation of all coastlines of the USVI.

The Consultant will also be tasked with submitting several examples of different tsunamigenic sources (earthquakes and landslides) and modeling for up to 15 developed coastal areas and ports or harbors at 10m or better resolution.

III. Phase 1: COMPUTER MODELING INCLUSIONS - SIMULATIONS

Product submission should include but not be limited to:

- a.* Simulations conducted through a series of appropriate nested grid levels; for single tsunami events lasting up to 60 hours.
- b.* Simulation trials should be conducted at three levels so as to trigger simulated NTWC tsunami messages from “advisory” to “warning.”
- c.* Models grids should be chosen to demonstrate maximum current velocities and the maximum duration for peak currents.
- d.* VITEMA will be provided with the model output information as time-series in Network Common Data (netCDF) files.
- e.* For each location a report must be attached describing the grid development, simulation parameters and explaining results.
- f.* Off shore safety zones for each harbor will be defined using the 30 fathom depth line contour as a starting point.

Phase 2: ADDITIONAL SUPPORT

- a.* Develop maps showing areas of historical change within each harbor.
- b.* Database/tables of recent events for emergency response planning purposes.
- c.* Assist VITEMA in the development of emergency response activities specifically for the maritime communities.
- d.* Provide briefings to local emergency managers, harbormasters and other members of the maritime community to inform them of model results and to present the implications along with maps generated for their harbor.
- e.* Assist VITEMA in updating the VI Territorial Hazard Mitigation plan’s applicable sections.
- f.* Provide guidance to VITEMA in the development of tsunami mitigation actions and recovery/continuity planning of the maritime communities after a tsunami.

IV. Virgin Island's Tsunami Taskforce Agencies/Organizations

- a. Virgin Islands Port Authority
- b. Department of Planning and Natural Resources
- c. United States Coast Guard
- d. Virgin Islands Water and Power Authority
- e. Virgin Islands Fire Services
- f. University of the Virgin Islands
- g. Caribbean Coastal Ocean Observing System
- h. The West Indian Company, Ltd.
- i. Magen's Bay Authority
- j. Virgin Islands Chamber of Commerce
- k. Caribbean Fast Ferries/Smith Ferries
- l. Harbor & Safety Community Group
- m. Tropical Shipping
- n. Crowley Caribbean Service

V. Jurisdictional Coordination

- a. If necessary the Consultant will be expected to coordinate with VITEMA's Tsunami Coordinator and appropriate officials and emergency management offices when generating the models. VITEMA will expect the Consultant to identify all relevant officials and offices for coordination.