



## MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT

### PACIFIC RESILIENCE PROGRAM (PREP) – P154839/ID 0770

**REQUEST FOR EXPRESSIONS OF INTEREST**  
**for**  
***“Consultant for Seismic and Volcanic Monitoring”***  
***PREPSamoa/CON 13***  
**(INDIVIDUAL CONSULTANT)**

The Government of Samoa (GoS) has received financing from the International Development Association (World Bank) toward the cost of the Pacific Resilience Program (PREP), and intends to apply part of the proceeds for procurement services.

The Samoa Meteorology Division (SMD) of the Ministry of Natural Resources and Environment is the official government agency responsible for the observation of astronomical events observation of weather, oceans, and atmosphere air quality, climate, change and variability and forecasting, monitoring and detection of hazardous seismological activities geological processes and provision of warning services and products pertaining to severe weather events, extreme climate conditions, earthquakes, tsunamis and volcanic eruption.

The Consultant for *“Seismic and Volcanic Monitoring”* is hired to design and link the new communication system to the existing Real Time data network infrastructure.

The consulting services (“the Services”) include: a) a comprehensive review of existing seismic and volcanic monitoring networks; b) identify a site at Mt Matavanu for the location of a new volcanic monitoring station; c) design the new volcanic monitoring station and its new communication system; d) a description of all functional and commissioning tests required for the acceptance of all equipment and accessories; e) details of all civil works (platforms, fencing, access to new site etc.) required; f) a training programme for the operation of the new volcanic monitoring station and its communication system with cost estimates; g) spare parts required; h) Detailed Tender Specifications; i) a detailed Bill of Quantities for the supply, installation and commissioning of all equipment and accessories; j) detailed cost estimate; k) an implementation plan; l) a presentation of the review, design and Technical Specifications for the volcanic monitoring station and its communication system, the civil works required to Samoa Meteorology Division and MNRE.

The Ministry of Natural Resources and Environment (MNRE) invites suitably qualified consultants to indicate their interest in providing the Services by a letter of interest and Curriculum Vitae which should include a description of education and general qualifications, similar assignments, experience in similar conditions etc. and the names, business contacts and email addresses of three referees. The shortlisting criteria are: i) A post graduate qualification in a discipline related to geology, seismology, volcanology, and related sciences; ii) At least eight (8) years’ experience in design and installation of seismic and volcanic monitoring network; iii) Relevant practical experience in volcanic hazards monitoring technics. Previous experience in dealing with multilateral agencies such as WB, EU, ADB etc. with their respective procurement systems and demonstrated experience in similar assignments in island states, preferably in a Pacific Island Country environment will be an advantage. Consulting firms are also invited to nominate a qualified individual consultant for the assignment, in which case only the experience and qualifications of the individual shall be used in the selection process, and that the corporate experience of the firms shall not be taken into account. The Contract may be signed with the firm, but no substitution of any individual who was initially proposed and evaluated shall be permitted.

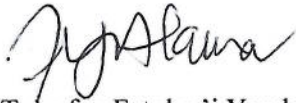
The qualified consultant will be selected in accordance with Section V of the World Bank's *Guidelines: Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers* January 2011, revised July 2014 ("Consultant Guidelines"). The attention of interested Consultants is drawn to paragraph 1.9 of the Consultant Guidelines, setting forth the World Bank's policy on conflict of interest. The successful candidate will be required to submit a valid Samoan business license.

The Terms of Reference is available on the websites of the MNRE & the Ministry of Finance (under Public Tender Announcements). For further clarification, please do not hesitate to contact, Ms Filomena Nelson (ACEO DMO) & Ms. Meresaini Siaosi-Laulua (PREP Project Manager) on +685 67200 (between 9.00am to 5.00pm) or [filomena.nelson@mnre.gov.ws](mailto:filomena.nelson@mnre.gov.ws) & [meresaini.siaosi@mnre.gov.ws](mailto:meresaini.siaosi@mnre.gov.ws).

The deadline for submission is **4: 00pm local Samoan time on 23 February 2017**. All expressions of interest (delivered in person, by mail, fax, or email) must be addressed to the details provided below:

**The Chief Executive Officer,  
Ministry of Natural Resources and Environment,  
Level 3 Tui Atua Tupua Tamasese Efi Building,  
Sogi, Apia, Samoa.**

**Attention:** Filomena Nelson, Assistant CEO, Disaster Management Office.



Toleafoa Fetoloa'i Yandall - Alama

**ACTING CHIEF EXECUTIVE OFFICER**