



UNITED NATIONS OFFICE AT NAIROBI

REQUEST FOR EXPRESSION OF INTEREST (EOI)

This notice is placed by UNON. The accuracy, reliability and completeness of the contents of furnished information is the responsibility of UNITED NATIONS OFFICE AT NAIROBI. You are therefore requested to direct all queries regarding this EOI to UNITED NATIONS OFFICE AT NAIROBI using the fax number or e-mail address provided below.

Title of the EOI:

Feasibility and viability study: Exploring the Potential of Blockchain Technology for Real-time Climate Risk Insurance in Thailand's Agricultural Sector.

Date of this EOI: 30 January 2024

Closing Date for Receipt of EOI: 06 February 2024

EOI Number: EOIUNON22304

Beneficiary Country/Territory: Thailand

Commodity/Service category: Professional Services

Address EOI response by fax or e-mail to the Attention of: Margaret Kamau

Fax Number: N/A

E-mail Address: margaret.kamau@un.org; daniel.langat@un.org; unon-procurement-rfx@un.org

UNSPSC Code:

77000000 - Environmental Services



DESCRIPTION OF REQUIREMENTS

The United Nations Office at Nairobi (UNON), on behalf of Climate Technology Centre and Network (CTCN), United Nations Environment Programme (UNEP) invites qualified interested firms to submit Expression of Interest (EOI) to participate in the upcoming solicitation for provision of technical assistance on the feasibility and viability study of using Blockchain Technology for a real-time climate risk insurance system in Thailand's agricultural sector.

United Nations Environment Programme (UNEP) on behalf of the Climate Technology Centre and Network (CTCN) requires the services of an institution to deliver the technical assistance. The overall objective of this technical assistance will be to develop a technical and economic feasibility study for using blockchain technology for an improved parametric crop insurance product. Using blockchain technology has the potential to reduce transaction costs and automatize transparent indemnity payments, thus making crop insurance more attractive and accessible to farmers whilst remaining economically viable for insurance providers. Beyond the feasibility study, an implementation roadmap will support the national stakeholders in the subsequent steps of developing, testing, and implementing such a blockchain-based product beyond this technical assistance. The aim will be to increase resilience of Thai farmers to climate-induced extreme weather events.

- Some of the expected outcome, outputs and activities are;
- Development of implementation planning and periodical reporting documents.
- Preparatory analysis for blockchain-based parametric crop insurance in Thailand.
- Formation and regular meetings of project working group.
- Assessment of extreme weather events and availability of localized climate data in Thailand
- Assessment of the optimal level of granularity in location, peril coverage and 'sums insured.'
- Economic feasibility study
- Implementation roadmap for a blockchain-based parametric crop insurance in Thailand.
- Capacity building on blockchain technology for crop insurance

The complete details of the requirement will be provided in the tender documents that will be issued to bidders after this request for EOI is closed.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

The Climate Technology Centre and Network (CTCN) Is the Operational arm of The United Nations Framework Convention on Climate Change (UNFCCC) and hosted by United Nations Environment Programme (UNEP). The mission of the CTCN is to promote accelerated development and transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon and climate-resilient development.

CTCN provides technical assistance to the countries using its own funds (which it receives through voluntary contributions of donor) or through the other funding sources specifically the Green Climate Funds (GCF) through the Readiness Programme. The requests for Technical Assistance (TA) are submitted to the CTCN by the National Designated Entity (NDE) of the respective country. In this present case the CTCN has developed a response plan and expect to implement the technical assistance on its own funding.

In case you are not a CTCN network member yet, you may apply for this REOI and subsequent solicitation (Request for Proposal), subject to the condition that you submit your completed application for CTCN membership before the proposal submission closing date, which will be communicated in the subsequent Request for Proposal in due course of time. Furthermore, the contract award – should your proposal be selected – is conditional to your application for CTCN network membership being approved by CTCN management. The requirement to join the CTCN network is only relevant to the main bidder and no subcontractors. Please find more information to join CTCN Network at- <https://www.ctc-n.org/network>



The purpose of this REOI is to identify suitable firms who may be invited for the Request for Proposal after the REOI is closed. In addition to CTCN registration, all applicants should also be registered (free of charge) at United Nations Global Marketplace (www.ungm.org).

IMPORTANT:

Please note that this REOI is not an invitation for submission of tenders. Its purpose is to identify companies that would be interested and eligible to participate in the solicitation when issued. UNON will examine the outcome of this request for EOI and will consider those companies that have expressed their interest. UNON reserves the right to change or cancel the requirement at any time during the EOI and/or solicitation process. Thus, submitting a reply to this Request for EOI does not automatically guarantee your company will be considered for receipt of the solicitation when issued.

NOTE

Information on tendering for the UN Procurement System is **available free of charge** at the following address: <https://www.ungm.org/Public/Notice>

Only the United Nations Global Marketplace (UNGM) has been authorised to collect a nominal fee from vendors that wish to receive automatically Procurement Notices or Requests for Expression Of Interest. Vendors interested in this Tender Alert Service are invited to subscribe on <http://www.ungm.org>

Vendors interested in participating in the planned solicitation process should submit the Vendor Response Form of this EOI electronically (through the link available on the next page) before the closing date set forth above.



VENDOR RESPONSE

NOTICE

- Companies can only participate in solicitations of the UN Secretariat after completing their registration (free of charge) at the United Nations Global Marketplace (www.ungm.org).
- As you express interest in the planned solicitation by submitting this response form, please verify that your company is registered under its **full legal** name on the United Nations Global Marketplace (www.ungm.org) and that your application has been submitted to the **UN Secretariat**.
- While companies can participate in solicitations after completion of registration at Basic Level, we strongly recommend all companies to register at least at **Level 1** under the United Nations Secretariat prior to participating in any solicitations.
- Companies are reminded of the restrictions of employment of former UN personnel that were involved in the procurement process during their last three years of service as per ST/SGB/2006/15, including (a) employing those personnel for one year after separation of service and (b) allowing those personnel to communicate with, or appear before, active UN personnel for matters related to the procurement process for two years after separation of service. Violation of the provisions of ST/SGB/2006/15 may lead to suspension of the registration of the company as a UN vendor.

PLEASE NOTE: You should express your interest to this EOI electronically at:

<https://www.ungm.org/Public/Notice/225229>

In case you have difficulties submitting your interest electronically, please contact margaret.kamau@un.org; daniel.langat@un.org; unon-procurement-rfx@un.org directly for instructions.



EOI INSTRUCTIONS

1) Registering as a Vendor with the United Nations

Vendors interested in fulfilling the requirement described above must be registered at the UN Global Marketplace (www.ungm.org) with the UN Secretariat in order to be eligible to participate in any solicitation. Information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>.

Prerequisites for Eligibility

In order to be eligible for UN registration, you must declare that:

- A. Your company (as well as any parent, subsidiary or affiliate companies) is not listed in, or associated with a company or individual listed in:
 - I. the Compendium of United Nations Security Council Sanctions Lists (<https://www.un.org/securitycouncil/content/un-sc-consolidated-list>), or
 - II. the IIC Oil for Food List website or, if listed on either, this has been disclosed to the United Nations Procurement Division in writing.
- B. Your company (as well as any parent, subsidiary or affiliate companies) is not currently removed or suspended by the United Nations or any other UN organisation (including the World Bank);
- C. Your company (as well as any parent, subsidiary or affiliate companies) is not under formal investigation, nor have been sanctioned within the preceding three (3) years, by any national authority of a United Nations Member State for engaging or having engaged in proscribed practices, including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice;
- D. Your company has not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against your company that could impair your company's operations in the foreseeable future;
- E. Your company does not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with the Vendor in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15).
- F. Your company undertakes not to engage in proscribed practices (including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice), with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN.

For Registered Vendors: Vendors already registered at the UN Global Marketplace with the UN Secretariat must ensure that the information and documentation (e.g. financial statements, address, contact name, etc.) provided in connection with their registration are up to date in UNGM. Please verify and ensure that your company is registered under its full legal name.

For Vendors Interested in Registration: Vendors not yet registered should apply for registration on the United Nations Global Marketplace (<http://www.ungm.org>); information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>. Vendors must complete the registration process prior to the closing date of the REOI. Vendors who have not completed the UNGM registration process with the UN Secretariat before the closing date of the REOI are not considered eligible to participate in solicitations of the UN Secretariat. We strongly recommend all companies to register at least at Level 1 under the UN Secretariat prior to participating in any solicitations.

IMPORTANT NOTICE: Any false, incomplete or defective vendor registration may result in the rejection of the application or cancellation of an already existing registration.

2) EOI Process

Vendors interested in participating in the planned solicitation process should forward their expression of interest (EOI) to UNITED NATIONS OFFICE AT NAIROBI (UNON) by the closing date set forth in this EOI. Due to the high volume of communications UNON is not in a position to issue confirmation of receipt of EOIs.

Please note that no further details of the planned solicitation can be made available to the vendors prior to issuance of the solicitation documents.

This EOI is issued subject to the conditions contained in the EOI introductory page available at <https://www.un.org/Depts/ptd/eoi>.

