



REQUEST FOR TENDERS

RFT: 2026-COSPPac-002
 File: AP_3/24
 Date: 29 July, 2026
 To: Interested consultants
 From: COSPPac3 & ClimSA Project

Subject: Request for tenders (RFT): Seasonal Climate Outlook for Pacific Island Countries (SCOPIC) Redevelopment Developer (Service Based Consultancy) – To review, modernise and redevelop the SCOPIC software platform

1. Background

- 1.1. The Secretariat of the Pacific Regional Environment Programme (SPREP) is an intergovernmental organisation charged with promoting cooperation among Pacific islands countries and territories to protect and improve their environment and ensure sustainable development.
- 1.2. SPREP approaches the environmental challenges faced by the Pacific guided by four simple Values. These values guide all aspects of our work:
 - We value the Environment
 - We value our People
 - We value high quality and targeted Service Delivery
 - We value Integrity
- 1.3. For more information, see: www.sprep.org.

2. Specifications: statement of requirement

- 2.1. SPREP is seeking to engage a suitably qualified **consultant or consultancy firm** to review, upgrade and redevelop the Seasonal Climate Outlook for Pacific Island Countries (SCOPIC) software platform.
- 2.2. The SCOPIC Developer will be expected to modernise the existing system, improve performance and usability, and ensure the platform remains a key prediction and training tool for National Meteorological and Hydrological Services (NMHSs) across the Pacific.
- 2.3. The consultant will work under the direction of the Climate Science and Information (CSI) Programme Director and COSPPac Climate Lead and collaborate closely with SPREP IT and technical teams.
- 2.4. The Terms of Reference (TOR) and detailed scope of work are provided in Annex A.
- 2.5. The successful consultant must supply the services to the extent applicable, in compliance with SPREP's Values and Code of Conduct: https://www.sprep.org/attachments/Publications/Corporate_Documents/spreporganisational-values-code-of-conduct.pdf. Including SPREP's policy on Child Protection, Environmental Social Safeguards, Fraud Prevention & Whistleblower Protection and Gender and Social Inclusion.
- 2.6. SPREP standard contract terms and conditions are non-negotiable.

3. Conditions: information for applicants

- 3.1. To be considered for this tender, interested consultants must meet the following conditions:



- i. Submit a detailed Curriculum vitae detailing qualification and previous relevant experience for each proposed personnel;
- ii. Provide three referees relevant to this tender submission, including the most recent work completed;
- iii. Complete the **tender application form** provided (*Please note you are required to complete in full all areas requested in the Form, particularly the Statements to demonstrate you meet the selection criteria – DO NOT refer us to your CV. Failure to do this will mean your application will **not** be considered*).
Provide examples of past related work outputs
For the Technical and Financial proposals you may attach these separately.
- iv. Must meet local registration requirements where the consultant is based.

3.2 Tenderers must declare any areas that may constitute conflict of interest related to this tender and sign the **conflict of interest form** provided.

3.3 **Tenderer is deemed ineligible due to association with exclusion criteria, including** bankruptcy, insolvency or winding up procedures, breach of obligations relating to the payment of taxes or social security contributions, fraudulent or negligent practice, violation of intellectual property rights, under a judgment by the court, grave professional misconduct including misrepresentation, corruption, participation in a criminal organisation, money laundering or terrorist financing, child labour and other trafficking in human beings, deficiency in capability in complying main obligations, creating a shell company, and being a shell company.

3.4 Tenderer must sign a declaration of **honour form** together with their application, certifying that they do not fall **into** any of the exclusion situations cited in 3.3 above and where applicable, that they have taken adequate measures to remedy the situation.

4. Submission guidelines

4.1. Tender documentation should demonstrate that the interested consultant satisfies the conditions stated above and in the Terms of Reference and is capable of meeting the specifications and timeframes. Documentation must also include supporting examples to address the evaluation criteria.

4.2. Tender documentation should be submitted in English and outline the interested consultant's complete proposal:

- a) **SPREP Tender Application form and conflict of interest form.** (*Please note you are required to complete in full all areas requested in the Form, particularly the Statements to demonstrate you meet the selection criteria – DO NOT refer us to your CV. Failure to do this will mean your application will **not** be considered*).
Provide examples of past related work outputs
For the Technical and Financial proposals you may attach these separately.
- b) **Honour form**
- c) **Curriculum Vitae** of the proposed personnel to demonstrate that they have the requisite skills and experience to carry out this contract successfully.
- d) **Technical Proposal** which contains the details to achieve the tasks outlined in the Terms of Reference.
- e) **Financial Proposal** – provide a detailed outline of the costs involved in successfully delivering this project submitted in United States Dollars (USD) and inclusive of all associated taxes.
- f) Where relevant provide:
 - i. Business registration/license (For Entities/ Individual consultant's as per relevant national legislations)
 - ii. Tax Identification Number (TIN) Letter (If applicable for Individual consultant's as per relevant national legislations)



- 4.3. Provide three referees relevant to this tender submission, including the most recent work completed.
- 4.4. Tenderers/bidders shall bear all costs associated with preparing and submitting a proposal, including cost relating to contract award; SPREP will, in no case, be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 4.5. The tenderer/bidder might be requested to provide additional information relating to their submitted proposal, if the Tender Evaluation Committee requests further information for the purposes of tender evaluation. SPREP may shortlist one or more Tenderers and seek further information from them.
- 4.6. The submitted tender proposal must be for the entirety of the Terms of Reference and not divided into portions which a potential tenderer/bidder can provide services for.
- 4.7. The Proposal must remain valid for 90 days from date of submission.
- 4.8. Tenderers must insist on an acknowledgement of receipt of tender.

5. Tender Clarification

- 5.1. a. Any clarification questions from applicants must be submitted by email to procurement@sprep.org before 17 August 2026. A summary of all questions received complete with an associated response posted on the SPREP website www.sprep.org/tender by 20 August 2026.
- b. The only point of contact for all matters relating to the RFT and the RFT process is the SPREP Procurement Officer.
- c. SPREP will determine what, if any, response should be given to a Tenderer question. SPREP will circulate Tenderer questions and SPREP's response to those questions to all other Tenderers using the SPREP Tenders page (<https://www.sprep.org/tenders>) without disclosing the source of the questions or revealing any confidential information of a Tenderer.
- d. Tenderers should identify in their question what, if any, information in the question the Tenderer considers is confidential.
- e. If a Tenderer believes they have found a discrepancy, error, ambiguity, inconsistency or omission in this RFT or any other information given or made available by SPREP, the Tenderer should promptly notify the Procurement Officer setting out the error in sufficient detail so that SPREP may take the corrective action, if any, it considers appropriate.

6. Evaluation criteria

- 6.1. SPREP will select a preferred consultant on the basis of SPREP's evaluation of the extent to which the documentation demonstrates that the tenderer offers the best value for money, and that the tender satisfies the following criteria:
- 6.2. A proposal will be rejected if it fails to achieve 70% or more in the technical criteria and its accompanying financial proposal shall not be evaluated.



I. Technical Score – 80%

Criteria	Detail	Weighting
Qualifications, Experience & Capabilities	i. Minimum qualification of a Master's degree in Computer Science / Software Engineering / Information Systems/ Information Technology or related field OR a Bachelor's degree in Computer Science / Software Engineering / Information Systems/ Information Technology or related field with at least 5 years' working experience in Java.	10%
	ii. Demonstrated capability to modernize SCOPIC across diverse technological stacks and cloud or online platforms.	5%
	iii. Demonstrated expertise and strong experience in conducting an application modernization assessment to determine the optimal technology stack and target architecture for the redevelopment of the current SCOPIC written in Java 1.7.	5%
	iv. Demonstrated expertise or proven capability to retire legacy plug-in framework and replace it with a modern framework or transition to a simplified monolithic architecture.	5%
	v. Demonstrated expertise or proven capability to enhance application usability and performance through incremental improvements.	5%
	vi. Demonstrated expertise and strong experience in the timely resolution of any issues that emerge during testing and deployment, ensuring the system is stable and sustainable	5%
	vii. Demonstrated expertise and strong working experience in the Pacific region.	5%
	viii. Proven experience in network management, web development, scripting, and building platform/software or interface use by stakeholders.	5%
	ix. Good knowledge and understanding of IT infrastructure	5%
	x. Proven track record in engagement and consultation within the and/or with government agencies, development agencies, donor communities, NGOs, private sector, and the community	5%
Technical Proposal / Methodology	xi. Detailed work plan clearly outlining milestones and delivery timelines	10%
	xii. Project management and recommended approach on how to deliver the detailed requirements (Deliverable Set 1 -5) as outlined in the attached terms of reference (Technical proposal and Methodology)	15%

II. Financial Score – 20%

The following formula shall be used to calculate the financial score for ONLY the proposals which score 70% or more in the technical criteria:

$$\text{Financial Score} = a \times \frac{b}{c}$$

Where:

a = maximum number of points allocated for the Financial Score

b = Lowest bid amount

c = Total bidding amount of the proposal



7. Variation or Termination of the Request for Tender

- 7.1 a. SPREP may amend, suspend or terminate the RFT process at any time.
- b. In the event that SPREP amends the RFT or the conditions of tender, it will inform potential Tenderers using the SPREP Tenders page (<https://www.sprep.org/tenders>).
- c. Tenderers are responsible to regularly check the SPREP website Tenders page for any updates and downloading the relevant RFT documentation and addendum for the RFT if it is interested in providing a Tender Response.
- d. If SPREP determines that none of the Tenders submitted represents value for money, that it is otherwise in the public interest or SPREP's interest to do so, SPREP may terminate this RFT process at any time. In such cases SPREP will cancel the tender, issue a cancellation notice and inform unsuccessful bidders accordingly.

8. Deadline

- 8.1. **The due date for submission of the tender is: 13 September 2026, midnight (Apia, Samoa local time).**
- 8.2. Late submissions will be returned unopened to the sender.
- 8.3. Please send all tenders clearly marked '**RFT 2026-COSPPac-002: 'Seasonal Climate Outlook for Pacific Island Countries (SCOPIC) Redevelopment Developer (Service Based Consultancy) – To review, modernise and redevelop the SCOPIC software platform'**

Mail: SPREP
 Attention: Procurement Officer
 PO Box 240
 Apia, SAMOA
 Email: tenders@sprep.org (MOST PREFERRED OPTION)
 Fax: 685 20231
 Person: Submit by hand in the tenders' box at SPREP reception,
 Vailima, Samoa.

Note: Submissions made to the incorrect portal will not be considered by SPREP. If SPREP is made aware of the error in submission prior to the deadline, the applicant will be advised to resubmit their application to the correct portal. However, if SPREP is not made aware of the error in submission until after the deadline, then the application is considered late and will be returned unopened to the sender.

SPREP reserves the right to reject any or all tenders and the lowest or any tender will not necessarily be accepted.

SPREP reserves the right to enter into negotiation with respect to one or more proposals prior to the award of a contract, split an award/awards and to consider localised award/awards between any proposers in any combination, as it may deem appropriate without prior written acceptance of the proposers.

A binding contract is in effect, once signed by both SPREP and the successful tenderer. Any contractual discussion/work carried out/goods supplied prior to a contract being signed does not constitute a binding contract.

For any complaints regarding the Secretariat's tenders please refer to the Complaints section on the SPREP website
<http://www.sprep.org/accountability/complaints>



Annex A: Terms of Reference

SCOPIC redevelopment

Background

COSPPac, currently in phase 3 (COSPPac3), is a major component of the assistance provided by Australia and New Zealand to enable 15 Pacific Island countries and territories (Palau, Federated State of Micronesia, Marshall Islands, PNG, Solomon Islands Vanuatu, Fiji, Tonga, Niue, Samoa, Tokelau, Cook Islands, Nauru, Kiribati and Tuvalu) to adapt to, and mitigate, the impacts of climate variability and change.

The Seasonal Climate Outlook for the Pacific Islands Countries (SCOPIC) is a desktop software which produces seasonal rainfall outlooks and general statistical analyses, including drought monitoring. Seasonal outlooks have a broad range of applications in the private and government sectors. Drought information is particularly targeted to the agricultural and water resource sectors. The new version of SCOPIC has been developed in open-source platform making it suitable for distribution to a wider audience.

SCOPIC is the fundamental tool used by NMHSs in the Pacific to monitor meteorological drought, generate statistical climate predictions and undertake basic statistical analyses:

- Upgrade and modernise codebase to enhance supportability and security.
- Replace or retire legacy plug-in framework.
- Flexibility to address technical issues
- and system refinements identified during delivery of these enhancements.

In 2017, SCOPIC software transitioned to SPREP. To date countries have utilized the software to generate their seasonal outlook and most importantly, this is used as a training platform for NMHS on how to develop seasonal outlook.

There is a need to further develop SCOPIC to ensure it remains both an effective seasonal prediction tool and a training resource for NMHSs.

The COSPPac and Intra-ACP Climate Services and Related Applications (ClimSA) project are collaborating in this activity to continue supporting climate seasonal predictions in the Pacific. ClimSA is contributing AUD 50,000 towards the redevelopment and modernisation of the Seasonal Climate Outlook for Pacific Island Countries (SCOPIC) platform. The investment supports the operationalisation and sustainability of the Pacific Regional Climate Center Network (RCC-N) by strengthening the technical systems underpinning regional climate outlook production and climate service delivery. This is clearly linked to ClimSA's Activity 2.1.2 – to support and strengthen seasonal forecasting systems and tools used by RCC-N and NMHSs. The climate products from SCOPIC and the Australian Community Climate and Earth-System Simulator – Seasons (ACCESS-S) will be utilised in Unified Incentives Protocol (UIPs) and the development of sector focused products.

A consultant or consultancy firm will be engaged to review and update the SCOPIC software, working closely with SPREP. The updated SCOPIC version will be provided to SPREP.

About SCOPIC Developer responsibilities

The position of SCOPIC developer addresses the following Key Result Areas:

1. Upgrade and modernise codebase to enhance supportability and security.
2. Replace or retire legacy plug-in framework.
3. Flexibility to address technical issues and system refinements identified during delivery of these enhancements.



Objectives and Outcomes

SPREP is seeking a supplier with strong experience in Java for effective understanding of the existing codebase, with proven capability to modernize SCOPIC across diverse technological stacks and cloud or online platforms:

- Conduct an application modernization assessment to determine the optimal technology stack and target architecture for the redevelopment of the current SCOPIC written in Java 1.7.
- Retire legacy plug-in framework and replace it with a modern framework or transition to a simplified monolithic architecture.
- Enhance application usability and performance through incremental improvements as time permits.
- Timely resolution of any issues that emerge during testing and deployment, ensuring the system is stable and sustainable.
- Use of opensource OS and Application is recommended
- User friendly interface is recommended (Web-Based)

Outcome:

- SCOPIC upgraded to Java 25 LTS and UI components preferably with JavaFX 25, or written in other technology.
- Legacy Java Plug-in Framework removed; application consolidated into a modern or monolithic architecture.
- Minor application enhancements as time permits.
- A report documenting all the implemented changes.

Detailed Requirements

Deliverable Set 1 – SCOPIC foundation and basic tools

The supplier will redesign (where necessary) and implement the following features:

1. Platform selection: Java 25 + JavaFX 25, or other technology.
2. SCOPIC foundation and data loaders of each Predictors, Predictands, Climate Classifications and Other Data.
3. SCOPIC setup done on SPREP recommended location
4. Organise Data page: Map tab and tabs for links to other COSPPac product information. Links are either consolidated, redesigned or removed.
5. Explore Data page: interface to various data displays including Time-series, Data Periods, Monthly Stats tables, Analogue Ranking & Trends and Scatter-plots tabs.

Estimated delivery timeframe: 2–3 months for development, user testing and feedback adjustments.

Deliverable Set 2 – Drought Monitoring tool

The supplier will redesign (where necessary) and implement the following features:

1. Drought Monitoring page, including the Report, Time-series, History, Statistics and Warning tabs.
2. Partial Analysis calculation module (Drought component).

Estimated delivery timeframe: 2–3 months for development, user testing and feedback adjustments.

Deliverable Set 3 – Analyse Relationship tool

The supplier will redesign (where necessary) and implement the following features:

1. Full Analysis calculation module.



2. Analyse Relationship page: Chocolate Wheel, Sampling Regression and Training Analysis (Advanced) tabs.

Estimated delivery timeframe: 3-4 months for development, user testing and feedback adjustments.

Deliverable Set 4 – Generate Reports tool

The supplier will redesign (where necessary) and implement the following features:

1. Generate Reports page: Outlook, Current Condition and Spatial Summary tabs.
Estimated delivery timeframe: 1-2 months for development, user testing and feedback adjustments.

Deliverable Set 5 – Test Skills tool

The supplier will redesign (where necessary) and implement the following features:

1. Skills page: Skill Table, Skill Calendar and Hindcasts tabs.
2. Estimated delivery timeframe: 1-2 months for development, user testing and feedback adjustments.

Key Performance Indicators

KPI	Description	Performance Measure
1. Timely Delivery of Deliverables	All deliverables submitted by the due dates specified in this TOR.	≥90% of deliverables submitted on or before agreed deadlines.
2. Quality of Deliverables	Deliverables are fit-for-purpose, accurate, and align with Australian Bureau of Meteorology (BOM) standards.	≥90% of deliverables accepted without major revision.
3. Responsiveness to Feedback	Incorporates feedback on drafts and responds to queries within an agreed timeframe.	Responses provided within 3 business days and revisions within 5 business days.
4. Effective Participation in Coordination Meetings	Participates in scheduled meetings and contributes constructively to discussions.	Attends at least 90% of scheduled meetings, unless otherwise agreed.
5. Collaboration and Communication	Maintains professional, constructive communication with the Australian Bureau of Meteorology Pacific Climate Services team.	No unresolved complaints; positive feedback from BOM and partner agencies.

Standards and Documentation

Standards

All deliverables must align with WMO standards for data publication.

Documentation

Documentation must be provided in Microsoft Word, PDF, and editable formats.

Technical specifications and user manuals must be updated to reflect new functionalities.

Meeting and Reporting Requirements

Participate in SCOPIC coordination meetings.

Qualifications and Experience

SPREP is seeking a supplier with strong experience in Java for effective understanding of the existing codebase, with proven capability to modernize SCOPIC across diverse technological stacks and cloud or online platforms:



- Conduct an application modernization assessment to determine the optimal technology stack and target architecture for the redevelopment of the current SCOPIC written in Java 1.7.
- Retire legacy plug-in framework and replace it with a modern framework or transition to a simplified monolithic architecture.
- Enhance application usability and performance through incremental improvements as time permits.
- Timely resolution of any issues that emerge during testing and deployment, ensuring the system is stable and sustainable
- Experience working in the Pacific region.
- Proven experience in network management, web development, scripting, and building platform/software or interface use by stakeholders
- Good knowledge and understanding of IT infrastructure
- Proven track record in engagement and consultation within the with government agencies, development agencies, donor communities, NGOs, private sector, and the community.

Competencies

- Professionalism: Able to engage with Australian Bureau of Meteorology (BOM), SPREP and National Meteorological Services.
- Leadership: Establishes and maintains relationships with a broad range of people to understand IT needs and gain support. Fosters positive work relations and ensures team members are empowered to achieve their goals.
- Communication: Written and spoken English communication is clear and effective. Demonstrates openness in sharing information and keeping people informed. Inclusivity: Takes an inclusive and respectful approach to leadership and management.
- Takes a zero-tolerance approach to discrimination and harassment in all aspects of the project.
- Will actively engage the Climate Services Information programme Teamwork: Works collaboratively and respectfully with colleagues to achieve goals.
- Actively puts in effort to engage all team members. Research, Planning, Adaptability and Organising.

Schedule of the Assignment

The SCOPIC developer will be implementing the activities until May 2027 with a possibility of an extension depending on project funding.

Working Arrangement and reporting

This is a full-time consultancy under the Climate Science and Information (CSI) Programme. The Consultant will be expected to work from SPREP and be able to satisfy Samoa's local employment and operational requirements as necessary to support the effective delivery of consultancy activities. Permanent relocation to Samoa is not mandatory. However, where relocation is proposed or required, all associated costs, including relocation expenses, visas, permits, accommodation, travel, and related arrangements, must be fully reflected in the financial proposal. All accommodation and travel costs must be aligned with SPREP's Travel Policy.

The consultant will be supervised by the COSPPac Climate Lead and COSPPac IT at SPREP and will report to the CSI Programme Director. The consultant is also expected to work closely with the Australian Bureau of Meteorology (BOM) team in the coordination and implementation of activities.

The Consultant to closely coordinate with SPREP IT on the resources required for hosting new SCOPIC and setup the new SCOPIC on the agreed environment (On-prem or cloud)



The consultant is required to submit a detailed work plan clearly outlining milestones and delivery timelines, project management and recommended approach on how to deliver the scope of work.

Remuneration

Financial proposals should be submitted in USD and based on a monthly rate. Payments will be made upon submission and approval of monthly progress reports by the CSI Director. All payments must be supported by appropriate invoices and aligned with the agreed workplan.

Travel Arrangements

Travel related to SPREP-led project components, while anticipated throughout the project, will be determined based on need and mutual agreement. All approved travel (not relating to relocation or return to home country and not already included in the financial proposal) will be covered under the project budget in line with SPREP's travel policy.