



REQUEST FOR PROPOSAL (RFP)

FOR SERVICES

Project Title:	Regional Pacific Nationally Determined Contributions Hub
Nature of the services	Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure in Tuvalu
Location:	Tuvalu
Date of issue:	16/04/2025
Closing Date:	14/05/2025
SPC Reference:	25-7913

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Part 1: INTRODUCTION

1.1 About the Pacific Community (SPC)

The Pacific Community (SPC) is the principal scientific and technical organisation of the Pacific region, established by treaty in 1947 with the signing of the Agreement Establishing the South Pacific Commission (the Canberra Agreement).

SPC has our headquarters in Noumea, New Caledonia and has regional offices in Fiji, the Federated States of Micronesia and Vanuatu, as well as an office in France. SPC works across the Pacific and has staff in nearly all of our Pacific Island Country and Territory members.

SPC works for the well-being of Pacific people through the effective and innovative application of science and knowledge and is guided by a deep understanding of Pacific Island contexts and cultures. Our unique organisation covers more than 20 sectors and is renowned for knowledge and innovation in such areas as fisheries science, public health surveillance, geoscience and conservation of plant genetic resources for food security.

For more information about SPC and the work that we do, please visit our website: <https://www.spc.int/>.

1.2 SPC's procurement activities

SPC's procurement activities are guided by the principles of high ethical standards, value for money, open competition and social and environmental responsibility and are carried out under our Procurement Policy.

SPC's *Procurement Policy* provides the framework for ensuring that SPC obtains the best value for its purchases, in terms of both cost and quality; demonstrates financial probity and accountability to its members and development partners; manages and prevents the potential for conflicts of interest; reduces its environmental impact and manages any other risks.

At SPC, all procurement follows the same main steps: planning; statement of needs; requisition; solicitation; evaluation; award; receipt; and payment. Different procedures apply depending on the value of the goods, services and works to be procured.

For further information or enquiries about SPC's procurement activities, please visit the procurement pages on our website: <https://www.spc.int/procurement> or email: procurement@spc.int.

1.3 SPC's Request for Proposal (RFP) Process

At SPC, procurement valued at more than EUR 45,000 must be advertised through a Request for Proposal (RFP) with any bids received evaluated by SPC's Procurement Committee to determine the offer that provides the best value for money.

This RFP sets out SPC's requirements and it asks you, as a bidder, to respond in writing in a prescribed format with pricing and other required information. The RFP contains detailed instructions and templates to enable you to submit a compliant bid. It sets out the overall timetable; it confirms the evaluation criteria that SPC will use to evaluate proposals; it explains the administrative arrangements for the receipt of the bids; and it sets out how bidders can request further information.

Your participation confirms your acceptance of SPC's conditions of participation in the RFP process.

Part 2: INSTRUCTIONS TO BIDDERS

2.1 Background

SPC invites you to submit a bid to deliver the services as specified in [Part 3](#).

SPC has advertised this RFP on its website and may send it directly to potential vendors. The same specifications, submission and other solicitation requirements will be provided to all vendors.

SPC has compiled these instructions to guide prospective bidders and to ensure that all bidders are given equal and fair consideration.

Please read the instructions carefully before submitting your bid. For your bid to be considered, you must provide all the prescribed information by the closing date and in the format specified.

2.2 Submission instructions

Your submission must be clear, concise and complete and should only include information that is necessary to respond effectively to this RFP. Please note that you may be marked down or excluded from the procurement exercise if your submission contains any ambiguities or lacks clarity.

Your proposal must include the following documents (annexes of [Part 5](#) of the RFP):

- a) Bidder's Letter of Application (Annex 1);
- b) Conflict of Interest Declaration (Annex 2);
- c) Information about the bidder and Due diligence (Annex 3);
- d) Technical proposal submission form (Annex4);
- e) Financial proposal submission form (Annex 5).

Your proposal must be submitted in **two separate emails**.

You must submit your **Technical proposal** (Annexes 1 to 4 and all their supporting documents) in English as an attachment to one email. No financial information may appear in the technical proposal.

You must submit your **Financial proposal** (Annex 5) in a separate email. All prices in the proposal must be presented in EURO. Your Financial proposal is to be password protected. SPC will request the password in the event that it is required.

Both emails are to be sent to procurement@spc.int with the subject line of your email as: **Submission RFP25-7913**.

Your proposal must be received no later than **14/05/2025 by 11:45PM New Caledonia time**. Only one bid per bidder is permitted.

SPC will send a formal acknowledgement to each proposal received before the deadline.

SPC reserves the right to exclude from consideration any proposal not received by the deadline, with incomplete information or in incorrect form.

2.3 Clarifications

You may submit questions or seek clarifications on any issue relating to this RFP. The questions are to be submitted in writing to procurement@spc.int with the subject line: **Clarification RFP25-7913**. The deadline for submission of clarifications is **7/05/2025 by 11:45pm New Caledonia time**.

Details will be kept of any communications between SPC and bidders. This assists SPC to ensure transparency of the procurement process. While SPC prefers written communication in the RFP process, at any point where there is phone call or other conversation, SPC will keep a record or a file note of the exchange with prospective bidders.

2.4 Evaluation

Validity

Each proposal will be assessed for compliance with the submission requirements by the Bids Opening Committee. At this stage, basic due diligence will also be undertaken.

To assist in the examination, evaluation and comparison of proposals, SPC may ask the bidder for clarification of its proposal or additional information. The request for clarification will be in writing.

Technical

All valid proposals will be assessed against the technical evaluation criteria set out in Part 4. The criteria are provided with weighted scores according to the relative importance of each. SPC will not change the evaluation criteria set out in the RFP at any stage of the procurement process. Any changes in the evaluation criteria will result in the RFP process being re-issued.

Bidders are expected to familiarise themselves with local conditions and take these into account in preparing their proposal. Where minimum qualifications are set as specific evaluation criteria (which may include educational qualification, professional accreditation or certification, licensing, experience and expertise), proposals submitted must necessarily meet these criteria.

Shortlisted bidder's presentation

Bidders that are short-listed during the RFP evaluation process shall be required to conduct a presentation to, and respond to queries of, SPC's Procurement Technical Evaluation Committee. The bidders will be provided an opportunity to provide an overview of the operational aspect of the services they are proposing.

Financial

Any bids that pass the minimum technical evaluation requirements will pass onto financial evaluation.

During the financial evaluation, if there is a discrepancy between the unit price and the total price, the lower price shall prevail. If there is a discrepancy between words and figures the amount in words will prevail.

The total cost of the proposal must be submitted inclusive of taxes in accordance with the applicable legislation, and is not subject to revision.

2.5 Contract award

SPC may award the contract once the Procurement Committee has determined that a bidder has met the prescribed requirements and the bidder's proposal has been determined to be the most responsive to the RFP documents, provide the best value for money and best serve the interests of SPC.

SPC's [General Terms and Conditions of Contract](#) will apply to any contracts awarded under this RFP, unless otherwise agreed. Any requested changes to the General Terms and Conditions of Contract must be foreshadowed in the submission. In the absence of requests for changes, the General Conditions of Contract and the terms of the PSA contract shall be deemed to be known, understood, and accepted by the bidder.

The award of the contract will be made by contract signed and dated by both parties.

2.6 Key dates

Please see the proposed procurement timetable in the table below. This timetable is intended as a guide only and while SPC does not intend to depart from the timetable, it reserves the right to do so at any stage.

STAGE	DATE
RFP advertised	16/04/2025
Deadline for seeking clarification	7/05/2025
RFP Closing Date	14/05/2025
Award of Contract	9/06/2025
Commencement of Contract	16/06/2025
Conclusion of Contract	27/02/2026

2.7 Legal and compliance

Child and vulnerable adult protection: SPC is committed to the well-being of children and vulnerable adults. All SPC contractors are required to commit to the principles of SPC's Child and Vulnerable Adult Protection Policy ([XI.G Manual of Staff Policies](#)). Breach of this requirement can result in SPC terminating any contract with a successful bidder. Any allegations of potential misconduct in relation to this RFP involving children or vulnerable adults should be sent to complaints@spc.int.

Confidentiality: Unless otherwise agreed by SPC in advance or where the contents of the RFP are already in the public domain when **shared** with the bidder, bidders shall at all times treat the contents of the RFP and any related documents as confidential. SPC will also treat the information it receives from the bidders as confidential.

Conflict of interest: Bidders must take all necessary measures to prevent any situation of conflict of interest. You must notify SPC in writing as soon as possible of any situation that could constitute a conflict of interest during the RFP process. If you have any familial connection with SPC staff, this must be declared, and approval will then be sought for you to engage in the RFP process. Breach of this requirement can result in the exclusion of the bidder from the RFP process or in SPC terminating any contract with a successful bidder.

Cost of preparation of proposals: Under no circumstances will SPC be liable for any proposal submission costs, expenditure, work or effort that you may incur in relation to your provision of a proposal (including if the procurement process is terminated or amended by SPC).

Currency, validity, duties, taxes: Unless specifically otherwise requested, all proposals should be in EURO and must be net of any direct or indirect taxes and duties and shall remain valid for 120 days from the closing date. The successful bidder is bound by their proposal for a further 60 days following notification they are the preferred bidder so that the contract may be awarded. No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during this period.

Eligibility: Bidders are required to disclose to SPC whether they are subject to any sanction or temporary suspension imposed by any international organisation, or whether they are subject to bankruptcy proceedings. You may not be bankrupt or suspended, debarred, or otherwise identified as ineligible by any international organisation. Failure to disclose such information may result in debarment and termination of any contract issued to the bidder by SPC.

Fraud and corruption: SPC has zero tolerance for fraud and corruption. All contractors have an obligation to report potential fraud and corruption. Breach of this requirement can result in the exclusion of the bidder from the RFP process or in SPC terminating any contract with a successful bidder. Allegations of potential misconduct by an SPC staff member or contractor involving fraud or corruption can be sent

to complaints@spc.int.

Good faith: The information in this RFP is provided by SPC in good faith. No representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability will be accepted by SPC in relation to the adequacy, accuracy, completeness or reasonableness of this RFP or any information provided by SPC in relation to this RFP.

Modifications: Any clarifications, corrections or modifications will be published on the SPC website prior to deadline. In the event a bidder has submitted a bid before the clarification, correction or modification, the bidder will be informed and may modify the bid. The modified bid will still need to be received before the deadline.

No offer of contract or invitation to contract: This RFP is not an offer to contract or an invitation by SPC to enter into a contract with you.

Privacy: The bidder is to comply with the requirements of applicable legislation and regulatory requirements in force for the use of personal data that is disclosed for the purposes of this RFP. SPC will handle any personal information it receives under the RFP in line with its [Privacy Policy](#), and the [Guidelines for handling personal information of bidders and grantees](#).

Right to amend, seek clarity, withdraw, not award: SPC reserves the right to: (1) amend, add to or withdraw all or any part of this RFP at any time, or to re-invite bids on the same or any alternative basis; (2) seek clarification or documents in respect of any bidder's submission; (3) choose not to award a contract as a result of this RFP; (4) make whatever changes it sees fit to the timetable, structure or content of the procurement process, depending on approvals processes or for any other reason. Please note that while SPC will not change the evaluation criteria set out in the RFP without the RFP process being re-issued, SPC does reserve the right at the time of award of contract to vary the quantity of services and goods specified in the RFP and to accept or reject any proposal at any time prior to award of the contract without incurring any liability to the affected bidder or any obligation to inform the affected bidder/s of the grounds for SPC's action.

Right to disqualify: SPC reserves the right to disqualify: (1) any bidder that does not submit a proposal in accordance with the instructions in this RFP; (2) any bidder that misrepresents information to SPC; (3) any bidder that directly or indirectly canvasses any SPC employee concerning the award of a contract.

Use of material: Bidders shall not use the contents of the RFP or any related material for any purpose other than for the purpose of considering submitting, or submitting, a bid to SPC.

Warranty, representation, assurance, undertaking: The bidder acknowledges and agrees that no person has any authority to give any warranty, representation, assurance or undertaking on behalf of SPC in connection with any contract which may (or may not) follow on from this RFP process.

2.8 Complaints process

Bidders that consider they were not treated fairly during any SPC procurement process may lodge a protest. The protest should be addressed to complaints@spc.int. The bidder must provide the following information: (1) full contact details; (2) details of the relevant procurement; (3) reasons for the protest, including how the alleged behaviour negatively impacted the bidder; (4) copies of any documents supporting grounds for protest; (5) the relief that is sought.

Part 3: Terms of Reference

1) Background

The Regional Pacific Nationally Determined Contributions (NDC) Hub

The Regional Pacific NDC Hub (NDC Hub) was formulated as a response to calls from Pacific Island Countries (PICs) for a regional platform to support them in implementing, enhancing and financing their NDCs. Through its core outputs, the NDC Hub delivers support to requests from PICs under the following categories:

- 1) NDCs reviewed and enhanced
- 2) Roadmaps and investment plans developed to support NDC implementation
- 3) Finance leveraged to support NDC implementation through improved regional coordination
- 4) Guidance and technical assistance provided, and tools produced to streamline and integrate NDCs into national and regional plans and processes
- 5) NDC related information and knowledge, learning and partnership mechanisms enhanced to support NDC enhancement, implementation, and monitoring

In addition, the NDC Hub works to enhance regional cooperation and coordination between governments and other agencies working on NDC implementation in PICs. In doing so, the NDC Hub aims to strengthen and support existing regional frameworks such as the Regional Technical Support Mechanism and Framework for Resilient Development in the Pacific (FRDP).

The Government of Tuvalu has requested support from the NDC Hub for an assessment on the impact of solar photovoltaic (PV) rooftop installations on its electricity grid infrastructure, which will help in Tuvalu's pursuit of its renewable energy targets under its updated NDC and further Tuvalu's climate goals. This assessment will be supported by the Pacific Community (SPC) through the Regional Pacific NDC Hub.

Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure

Tuvalu submitted their updated Nationally Determined Contribution (NDC) to the UNFCCC Secretariat on 16th November 2022. Tuvalu is committed to an absolute electricity sector emissions reduction target of 100%, an increased energy efficiency target of 30% and the development of a zero-carbon pathway by 2030.

Tuvalu, as part of the projects implemented to reach its NDC targets, has recently completed the installation in 2023 of a floating solar photovoltaic (FSPV) system on Tafua Pond in Funafuti. The project is expected to reduce Tuvalu's reliance on energy generation from fossil fuel sources and save \$68,000 USD per year¹. In addition, a grid connected solar PV rooftop system with a 2 megawatt-hour battery energy storage system was commissioned in 2024 by the Asian Development Bank (ADB)². These projects showcase Tuvalu's ambition towards achieving its NDC targets.

This project strengthens Tuvalu's commitment to the Paris Agreement by supporting its NDC ambitions to reduce its overall emissions with an aim to integrate rooftop solar PV systems to its electricity grid in the future. The project will also support Tuvalu to transition to a zero-carbon pathway as outlined in its NDC.

¹ <https://www.undp.org/pacific/press-releases/floating-solar-photovoltaic-system-installation-completed-tuvalu>

² <https://www.adb.org/news/adb-tuvalu-commission-latest-achievements-clean-energy-project-funafuti>

The NDC Hub is seeking consultancy services to support Tuvalu in its assessment of the impact of solar PV rooftop systems on its existing electricity grid.

1. Objective

The main objective of the Consultancy is to:

- 1) Assess the technical and operational impact of rooftop solar PV installations on the local electricity grid.
- 2) Provide recommendations for the integration of residential and commercial scale rooftop solar PV systems into the electricity grid. This would include the assessment of current grid infrastructure and its ability to incorporate feed in from solar rooftop PV, including all required upgrades, infrastructure, technical and non-technical requirements.

2. Expected Outcomes

The Consultancy will contribute to achieving the following expected outcomes:

- 1) Understand the grid's ability to integrate solar energy, determine potential issues (voltage fluctuations, grid stability, as guided by the relevant line ministry and electricity utility), and make recommendations for improvements and operational adjustments including infrastructure or any related upgrades.
- 2) Clarity on the optimum pathway to integrate rooftop solar PV systems into the electricity grid.

3. Scope of Service

The consultant is responsible for achieving the objectives of the assignment and will be guided by the Scope of Service detailed below.

The consultant will report to the Mitigation Policy Advisor, Tuvalu Climate Change Department (CCD), Ministry of Home Affairs, Climate Change and Environment and work in collaboration with relevant Government of Tuvalu stakeholders. Where needed, the consultant will liaise with the Regional Pacific NDC Hub. Working with the government, the consultant shall engage and coordinate with key state and non-state actors needed for the successful completion of the mentioned objective.

1. Inception Meeting
 - Conduct inception meeting with the key stakeholders in the Climate Change Department and other key ministries/departments and entities. Present project workplan including deliverables and stakeholder engagement timelines in an Inception Report.
2. Stakeholder Engagement
 - Electricity Utility: Engage with the local electricity utility to understand operational challenges, grid configurations, and potential integration issues and strategies.
 - Government and Private Sector Stakeholders: Work with government ministries to ensure alignment with broader energy goals, and private sector on the feasibility of the solar rooftop PV integration.
 - Consolidate the above findings into the Stakeholder Engagement draft mini-report, consolidated report and Final Report.
3. Regulatory and Policy Review for Integration of Solar PV
 - Policy and Legislation: Review existing policies, legislation, plans and strategies
 - Grid Codes and Standards Compliance: Review relevant regulations and grid codes for solar interconnection (e.g national or regional standards).

- Incentives and Tariffs: Evaluate financial incentives, tariffs, and policies that may affect the adoption and integration of rooftop solar systems (e.g., net metering and feed-in tariffs)
 - Utility Interconnection Process: Assess the current utility process for interconnecting rooftop solar.
 - Consolidate the above findings into the Regulatory and Policy draft mini-report, consolidated report and Final Report.
4. Site and System Assessment
- System Specifications: Gather detailed information on typical or existing rooftop solar PV system configurations (e.g., system size, panel efficiency, expected generation profile).
 - Optimal Configuration: Assess and identify context specific solar PV rooftop systems
 - Geographic Focus: Specify the region or grid areas for assessment (residential, commercial, government, communal buildings).
 - Solar Generation Patterns: Analyze expected energy generation profiles based on the geographic location and typical weather conditions, including expected peak production times (e.g., midday) and seasonal variability.
 - Consolidate the above findings into the Site and System Assessment draft mini-report, consolidated report and Final Report.
5. Grid Impact Analysis
- Voltage Regulation: Assess potential issues with voltage fluctuations caused by high penetrations of solar PV generation and impacts on the power quality.
 - Grid Stability: Analyze the potential for system stability issues, such as frequency imbalance or short-circuit behavior when high numbers of systems are in operation.
 - Capacity Considerations: Review whether the grid infrastructure can handle additional local generation without causing overloads or capacity issues.
 - Overgeneration Risk: Assess the risk of overgeneration during low demand periods (e.g., excess solar production during midday) and how the grid can manage excess generation.
 - Consolidate the above findings into the Grid Impact Analysis draft mini-report, consolidated report and Final Report.
6. Modelling and Simulation
- Load Flow Analysis: Perform simulations using grid modelling tools to predict how rooftop solar PV installations impact the flow of electricity, voltage stability, and overall grid performance or any other required analysis to understand load flow.
 - Scenario Analysis: Simulate different scenarios based on varying levels of solar adoption, including high-density rooftop PV and different energy storage integration.
 - Impact of PV Integration at Different Penetration Levels: Assess incremental penetration levels of rooftop PV and how each affects grid operations.
 - Battery Storage Impact: Evaluate the integration of battery storage systems with rooftop PV, including its role in stabilizing grid demand, enhancing self-consumption, and supporting grid resilience.
 - Consolidate the above findings into the Modelling and Simulation draft mini-report, consolidated report and Final Report.
7. Recommendations
- Grid Infrastructure: Provide recommendations for necessary infrastructure upgrades (e.g. transformer capacity, voltage regulation equipment, etc.) to support higher penetration of solar energy and use of smart grid technologies, such as advanced metering and automated demand response to mitigate grid stability issues.

- Demand Response Programs: Provide demand-side management options to better align solar generation with grid demand.
- Grid Operation Adjustments: Propose operational changes to ensure stable grid performance.
- Consolidate the above findings into the Recommendations draft mini-report, consolidated report and Final Report

8. Reporting and Deliverables

- Final Report: A comprehensive report documenting the findings of the stakeholder engagement, regulatory and policy review integration of solar PV, grid impact assessment, including modelling results and recommendations.
- Executive Summary: A high-level summary for policymakers and utility executives.
- Presentation: A presentation for stakeholders, including grid operators, government representatives, and community leaders.
- Perform on any additional tasks as required, to deliver on proposed outputs.
- Collate and provide necessary inputs for the NDC Hub Monitoring, Evaluation and Learning (MEL templates will be provided as part of implementation)

4. Deliverables, Activities and Timing

Indicative Timing	Activity
23 rd June, 2025	Inception Report should include the Workplan, Methodology and Resourcing Needs and the project pre-evaluation matrix ³ (M&E) for the Electricity Grid Infrastructure Assessment and update within two weeks of contract signing.
18 th August, 2025	Technical report 1 outlining: <ul style="list-style-type: none"> • 2. Stakeholder Engagement including agenda, signed participants/workshop registration lists and GEDSI requirements, pictures, if applicable • 3. Regulatory and Policy Review for Integration of Solar PV • 4. Site and System Assessment
17 th October, 2025	Technical report 2 outlining: <ul style="list-style-type: none"> • 5 Grid Impact Assessment • 6 Modelling and Simulation • 7 Recommendations
14 th November, 2025	A draft Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure including the findings from 2 to 7 above and including a summary of the key findings and recommendations. This will be circulated to stakeholders for comments.
6 th February, 2026	Validation meeting and including agenda, signed participants/workshop registration lists, PPT presentations and GEDSI requirements, pictures, if applicable.
27 th February, 2026	Final Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure, and Executive summary based on feedback from stakeholders on previous activities and project post evaluation matrix completed .

³ Templates for reports and pre-post evaluations will be provided by the NDC Hub to the selected consultant firm.

The consultant will have monthly meetings with the Mitigation Policy Advisor, Tuvalu Climate Change Department (CCD), Ministry of Home Affairs, Climate Change and Environment.

5. Qualification and Experience

- a) Post-Graduate degree in Electrical or Renewable Energy Engineering, Environmental Engineering or Sciences, Energy Policy, Project Management or relevant fields of study. A solid understanding of power systems, grid codes and standards, and grid integration.
- b) A minimum of 5 years of relevant work experience and knowledge in the field of electrical engineering and design, solar PV and grid integration projects, and working with local and/or national utilities.
- c) Country experience and understanding of knowledge of the national plans, strategies and policies related to energy in Tuvalu and/or the Pacific.
- d) Proven experience working on PV feasibility studies and or with various stakeholder, including public utilities, government, local communities, NGOs and the private sector on matters concerning renewable energy and power generation.
- e) Demonstrable work experience in the Pacific, and in particular, the Government of Tuvalu including engagement with government officials and local stakeholders.
- f) Previous experience in grid planning and assessment, renewable energy systems, evaluation of energy policies and frameworks and undertaking similar consultancies are an advantage.

For consultants based outside of Tuvalu, it is recommended that a local counterpart be engaged and included in the resourcing plan of the proposal.

6. Timeframe & Location of Assignment

This work will be carried out from June 2025 to March 2026.

7. Payment Schedule

The bid should provide a breakdown of the total cost including professional fees, travel costs, per diems and any other costs associated with producing the deliverables to the requisite standard. The offer shall be calculated based on the 65 working days.

- Payments will be made based on the milestones and estimated due dates provided below.
- Consultants are invited to submit their terms and conditions.
- Please note that SPC does not generally contract when 100% advance payment is required.
- Terms of payment shall be in accordance with the provisions of Article 10 of the General Conditions.
- The quote should confirm the acceptance of the payment terms stated below or an alternative proposal

Milestones	Deliverable	% Payment
1	Inception Report should include the Workplan, Methodology and Resourcing Needs and the project pre-evaluation matrix ⁴ (M&E) for the Electricity Grid Infrastructure Assessment and update within two weeks of contract signing.	10
2	Technical report 1 outlining: <ul style="list-style-type: none"> • 2. Stakeholder Engagement including agenda, signed participants/workshop registration lists and GEDSI requirements, pictures, if applicable • 3. Regulatory and Policy Review for Integration of Solar PV • 4. Site and System Assessment 	15
3	Technical report 2 outlining: <ul style="list-style-type: none"> • 5. Grid Impact Assessment • 6. Modelling and Simulation • 7. Recommendations 	15
4	A draft Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure including the findings from 2 to 7 above and including a summary of the key findings and recommendations. This will be circulated to stakeholders for comments.	15
5	Validation meeting and including agenda, signed participants/workshop registration lists, PPT presentations and GEDSI requirements, pictures, if applicable.	15
6	Final Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure, and Executive summary based on feedback from stakeholders on previous activities and project post evaluation matrix completed.	30

8. Reporting

The consultant(s) will report to the Mitigation Policy Advisor, Tuvalu Climate Change Department (CCD), Ministry of Home Affairs, Climate Change and Environment.

The consultant will submit the deliverables to the Mitigation Policy Advisor, Tuvalu Climate Change Department (CCD), Ministry of Home Affairs, Climate Change and Environment and the SPC-NDC Hub team.

9. Travel

Any travel requirements, including associated costs (airfares, visa, subsistence, accommodation, meals, transport, consultation (workshop etc) cost etc) for the assignment must be included in the financial proposal.

10. Feedback

As part of reviewing the NDC Hub 's processes and assuring the quality of the Hub's work, the consultant will cooperate in an ex-post evaluation of applying for and undertaking this consultancy, according to the NDC Hub template.

⁴ Templates for reports and pre-post evaluations will be provided by the NDC Hub to the selected consultant firm.

11. Gender and Social Inclusion

The consultancy activities, when feasible, will document Gender Disability and Social Inclusion (GEDSI) in the potential following ways:

- provides an overview of all stakeholders engaged in the consultations, (disaggregated by gender, people with disabilities and youth), if applicable
- uses gender-neutral language in the reports

12. Monitoring and Evaluation

The consultancy activities will include the monitoring and evaluation (M&E) of the NDC Hub.

Part 4: PROPOSAL EVALUATION MATRIX

4.1 Evaluation criteria & Score Weight

A two-stage procedure will be utilised to evaluate the proposals, with evaluation of the **Technical proposal** being completed prior to any **Financial proposal** being opened and compared.

The competencies which will be evaluated are detailed in [Part 3](#).

The evaluation matrix below also reflects the obtainable score specified for each evaluation criterion (technical requirement) which indicates the relative significance or weight of the items in the overall evaluation process.

The technical component, which has a total possible value of 700 points, will be evaluated using the following criteria.

Evaluation criteria	Score Weight (%)	Points obtainable
Mandatory requirements		
1) Declaration of Conflict of Interest 2) A bid / proposal comprising: <ul style="list-style-type: none"> • A cover letter • A description of the proposed service, approach and methodology • Evidence of prior work of a similar nature • A CV or professional profile 3) Financial quote in EURO based on the schedule provided in Section F		Bidders will be disqualified if any of the requirements are not met
Technical requirements		
1. Educational Background		
Post-Graduate degree in Electrical or Renewable Energy Engineering, Environmental Engineering or Sciences, Energy Policy, Project Management or relevant fields of study. A solid understanding of power systems, grid codes and standards, and grid integration.	10%	70
2. Work Experience		
A minimum of 5 years of relevant work experience and knowledge in the field of electrical engineering and design, solar PV and grid integration projects, and working with local and/or national utilities.	20%	140
3. Policy Knowledge		
Proven experience and understanding of knowledge of the national plans, strategies and policies related to energy in Tuvalu and/or the Pacific.	10%	70
4. Stakeholder Engagement Experience		
Proven experience working on PV feasibility studies and or with various stakeholder, including public utilities, government, local communities, NGOs and the private sector on matters concerning renewable energy and power generation.	10	70

5. Pacific Experience		
Demonstrable work experience in the Pacific, and in particular, the Government of Tuvalu including engagement with government officials and local stakeholders.	20	140
6. Specific Technical Experience		
Previous experience in grid planning and assessment, renewable energy systems, evaluation of energy policies and frameworks and undertaking similar consultancies are an advantage.	20	140
7. Local Expertise		
Local counterpart engaged and included in the resourcing plan of the proposal. Strong oral and written communication skills and the capacity to communicate clearly both verbally and in writing, including knowledge of the local language would be an advantage.	10	70
Total Score	100%	700
Qualification score	70%	490

4.2 Financial evaluation

The financial component of the proposal will be scored on the basis of overall costs for the delivery of the services and financial incentives and benefits provided to SPC. The lowest financial proposal will be awarded maximum 300 points and other financial offers and incentives will be awarded points as per the formula below:

$$\text{Financial Proposal score} = (\text{Lowest Price} / \text{Price under consideration}) \times 300$$

Part 5: PROPOSAL SUBMISSION FORMS

Annex 1: BIDDER'S LETTER OF APPLICATION

Dear Sir /Madam:

Having examined the Solicitation Documents, the receipt of which is hereby duly acknowledged, we the undersigned, offer to supply the required services for the sum as may be ascertained in accordance with the Financial Proposal attached herewith and made part of this proposal.

We acknowledge that:

- SPC may exercise any of its rights set out in the Request for Proposal documents, at any time;
- The statements, opinions, projections, forecasts or other information contained in the Request for Proposal documents may change;
- The Request for Proposal documents are a summary only of SPC's requirements and is not intended to be a comprehensive description of them;
- Neither the lodgement of the Request for Proposal documents nor the acceptance of any tender nor any agreement made subsequent to the Request for Proposal documents will imply any representation from or on behalf of SPC that there has been no material change since the date of the Request for Proposal documents, or since the date as at which any information contained in the Request for Proposal documents is stated to be applicable;
- Excepted as required by law and only to the extent so required, neither SPC, nor its respective officers, employees, advisers or agents will in any way be liable to any person or body for any loss, damage, cost or expense of any nature arising in any way out of or in connection with any representations, opinions, projections, forecasts or other statements, actual or implied, contained in or omitted from the Request for Proposal documents.

We undertake, if our proposal is accepted, to commence and complete delivery of all items in the contract within the time frame stipulated.

We understand that you are not bound to accept any proposal you may receive and that a binding contract would result only after final negotiations are concluded on the basis of the Technical and Financial Components proposed.

For the Bidder: *[insert name of the company]*

Signature:

Name of the Bidder's representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

Date: *[Click or tap to enter a date]*

Annex 2: CONFLICT OF INTEREST DECLARATION

INSTRUCTIONS TO BIDDERS

What is a conflict of interest?

A conflict of interest may arise from economic or commercial interests, political, trade union or national affinities, family, cultural or sentimental ties, or **any other type of relationship or common interest between the bidder and any person connected with the contracting authority** (SPC staff member, consultant or any other expert or collaborator mandated by SPC).

Always declare a conflict

The existence of a potential or apparent conflict of interest does not necessarily prevent the bidder concerned from taking part in a tender process. **However, the declaration of the existence of such a conflict by the persons concerned is essential and allows SPC to take appropriate measures to mitigate it and prevent the associated risks.**

Bidders are therefore invited to declare any situation, fact or link which, to their knowledge, could generate a real, potential or apparent conflict of interest.

Declaration at any time

Conflicts of interest may arise at any time during the procurement process or the implementation of a contract (e.g. new partner in the project) or as a result of a change in personal life (e.g. marriage, inheritance, financial transaction, creation of a company). If such a relationship is found and could be perceived by a reasonable person as likely to influence a decision, a declaration of the situation is necessary. In case of doubt, a conflict situation must be declared.

Declaration for any person involved

A declaration must be completed for each person involved in the tender (principal representative of the bidder, possible subcontractors, consultant, etc.)

Failure

Failing to declare a potential conflict of interest may result in the bidder being refused a contract or placed on SPC's list of non-responsible suppliers.

DECLARATION

I, the undersigned, *[name of the representative of the Bidder]*, acting in the name and on behalf of the company *[name of the company]*, declare that:

<input type="checkbox"/>	To my knowledge, I am not in a conflict-of-interest situation
<input type="checkbox"/>	There is a potential conflict of interest with regard to my <i>[Choose an item]</i> . relationship with <i>[name of the person concerned]</i> in his or her capacity as <i>position/role/personal or family link with the person concerned</i> , although, to the best of my knowledge, this person is not directly or indirectly involved in any stage of the procurement process
<input type="checkbox"/>	I may be in a conflict of interest with regard to my <i>[Choose an item]</i> relationship with <i>[name of the person concerned]</i> in his or her capacity as <i>position/role/personal or family link with the person concerned</i> , as this person is, to the best of my knowledge, directly or indirectly linked to the procurement process
<input type="checkbox"/>	To my knowledge, there is another situation that could potentially constitute a conflict of interest: <i>[Describe the situation that may constitute a conflict of interest]</i>

In addition, I undertake to:

- declare, without delay, to SPC any situation that constitutes a potential conflict of interest or is likely to lead to a conflict-of-interest;
- not to grant, seek, obtain or accept any advantage, whether financial or in kind, to or from any person where such advantage constitutes an unfair practice or an attempt at fraud or corruption, directly or indirectly, or constitutes a gratuity or reward related to the award of the contract;
- to provide accurate, truthful and complete information to SPC in connection with this procurement process.

I acknowledge that I and/or my company and/or my business partners who are jointly and severally bidding on the **RFP 25-7913** may be subject to sanctions such as being placed on SPC's list of non-responsible vendors, if it is established that false statements have been made or false information has been provided.

For the Bidder: *[insert name of the company]*

Signature:

Name of the representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

Date: *[Click or tap to enter a date]*

Annex 3: INFORMATION ABOUT THE BIDDER AND DUE DILIGENCE

Please complete the following questionnaire and provide supporting documents where applicable.

VENDOR INFORMATION				
Are you already registered as an SPC vendor?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
1. Please provide information related to your entity.				
Company name	[Enter company name]		Address	[Enter address]
Director/CEO	[Enter name of the executive person]		Position	[Enter position of the executive person]
Business Registration/License number	[Enter company registration/license number (or tax number)]			
Date of business registration	[Enter date of business registration]			
Country of business registration	[Enter country of business registration]			
Status of the entity:				
<input type="checkbox"/> For-profit entity (company), <input type="checkbox"/> NGO, <input type="checkbox"/> International organisation, <input type="checkbox"/> Government body, <input type="checkbox"/> University, <input type="checkbox"/> Association, <input type="checkbox"/> Research Institute, <input type="checkbox"/> Other: [insert details]				
2. Please provide relevant documentation to support and verify the legal existence of the entity, the authority of its officer and proof of its address, such as:				
<input type="checkbox"/> Delegation of authority or power of attorney document <input type="checkbox"/> Certificate of business registration/license <input type="checkbox"/> Memorandum, Articles or Statutes of Association <input type="checkbox"/> Telephone, water, or electricity bill in the name of the entity <input type="checkbox"/> Bank account details bearing the name of the entity				
3. How many employees does your company and its subsidiaries have?			[provide answer]	
4. Do you have professional insurance against all risks in respect of your employees, sub-contractors, property and equipment?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'No', what type of business insurance do you have?			[provide answer]	
5. Are you up to date with your tax and social security payment obligations?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'No', please explain the situation:			[Provide details]	
6. Is your entity regulated by a national authority?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please specify the name:			[Insert name of the national regulation authority]	
7. Is your entity a publicly held company?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
8. Does your entity have a publicly available annual report?			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Please send SPC your audited financial statement from the last 3 financial years if available				

DUE DILIGENCE					
9. Does your entity have foreign branches and/or subsidiaries?			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
If you answered 'yes' to the previous question, please confirm the branches:					
• Head Office & domestic branches			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
• Domestic subsidiaries			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
• Overseas branches			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
• Overseas subsidiaries			<input type="checkbox"/> Yes	<input type="checkbox"/> No	
10. Does your entity provide financial services to customers determined to be high risk including but not limited to:					
Foreign Financial Institutions	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Casinos	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Cash Intensive Businesses	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Foreign Government Entities	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Non-Resident Individuals	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Money Service Businesses	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Other, please provide details:			[Provide details]		
11.If you answered 'yes' to any of the boxes in question 10, does your entity's policies and procedures specifically outline how to mitigate the potential risks associated with these higher risk customer types?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please explain how:			[Provide explanation]		
12.Does your entity have a written policy, controls and procedures reasonably designed to prevent and detect fraud, corruption, money laundering or terrorist financing activities?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please send SPC your policy in English.					
If 'No', what process does your entity have in place to prevent and detect money laundering or terrorist financing activities?				[provide answer]	
13.Does your entity have an officer responsible for anti-corruption, or anti-money laundering and counter-terrorism financing policy?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please state that officer's contact details:			[Insert name and contact details]		
14.Has your entity or any of its current or former directors or CEOs ever filed for bankruptcy?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please provide details:			[Provide details]		
15.Has your entity or any of its current or former directors or CEOs ever been the subject of any investigations or had any regulatory or criminal enforcement actions resulting from violations of any laws or regulations, including those relating to money laundering or terrorism financing?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please provide details:			[Provide details]		

SOCIAL AND ENVIRONMENTAL RESPONSIBILITY (SER)

16.Does your entity have a written policy, controls and procedures to implement its Social and Environmental Responsibility (SER) commitments?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please send SPC your policy in English.					
If 'No', what process does your entity have in place to ensure your social and environmental responsibility?				[provide answer]	
Does your Policy or Process cover the followings?					
<input type="checkbox"/> Child protection <input type="checkbox"/> Human rights <input type="checkbox"/> Gender equality <input type="checkbox"/> Social inclusion <input type="checkbox"/> Sexual harassment, abuse or exploitation <input type="checkbox"/> Environmental responsibility					
Please, outline the major actions you have undertaken in these areas:			[provide answer]		
17.Does your entity have an officer responsible for Social and Environmental Responsibility (SER)?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please state that officer's contact details:			[Insert name and contact details]		

SUPPORTING DOCUMENTS (where relevant)

• Business registration/license proof	<input type="checkbox"/>
• Bank account details document	<input type="checkbox"/>
• Address of the entity and Authority of officer proofs	<input type="checkbox"/>
• Audited financial statement from the last 3 financial years	<input type="checkbox"/>
• Fraud, corruption, anti-money laundering and counter terrorist financing Policy	<input type="checkbox"/>
• SER Policy	<input type="checkbox"/>

I declare that the particulars given herein above are true, correct and complete to the best of my knowledge, and the documents submitted in support of this form are genuine and obtained legally from the respective issuing authority.

I declare that none of the funds received or to be received by my company will be used for criminal activities, including financing terrorism or money laundering.

By sending this declaration to SPC, I agree that my business and personal information may be used by SPC for due diligence purposes. I also understand and accept that SPC will treat any personal information it receives in connection with my proposal in accordance with its [Privacy Policy](#), and the [Guidelines for handling personal information of bidders and grantees](#).

For the Bidder: *[insert name of the company]*

Signature:

Name of the representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

Date: *[Click or tap to enter a date]*

Annex 4: TECHNICAL PROPOSAL SUBMISSION FORM

Technical Requirements		
Evaluation criteria	Response by Bidder	
Experience and specified personnel/sub-contractors		
Experience: Relevant experience in assignments of the proposed nature: Data systems, data sharing or system interoperability	Experience:	
	<i>[insert details of relevant experience]</i>	
	Details for three references:	
	1. Organisation name:	
	Contact name:	<i>[insert name of contact]</i>
	Contact details:	<i>[insert contact details]</i>
	Value contract (if applicable):	<i>[insert value of contract]</i>
	2. Organisation name:	
	Contact name:	<i>[insert name of contact]</i>
	Contact details:	<i>[insert contact details]</i>
	Value contract (if applicable):	<i>[insert value of contract]</i>
	3. Organisation name:	
	Contact name:	<i>[insert name of contact]</i>
Contact details:	<i>[insert contact details]</i>	
Value contract (if applicable):	<i>[insert value of contract]</i>	
Academic requirement:		
Post-Graduate degree in Electrical or Renewable Energy Engineering, Environmental Engineering or Sciences, Energy Policy, Project Management or relevant fields of study. A solid understanding of power systems, grid codes and standards, and grid integration. Excellent English communication skills (oral and written)	<i>[Bidder's answer]</i>	
Technical requirement 1:		
Demonstrated at least 5 years' experience in similar assignments of the proposed nature. <ul style="list-style-type: none"> - in the field of electrical engineering and design, solar PV and grid integration projects, and working with local and/or national utilities. 	<i>[Bidder's answer]</i>	
Technical requirement 2:		
<ul style="list-style-type: none"> - Demonstrable work experience in the Pacific - Previous experience in grid planning and assessment, renewable energy systems, evaluation of energy policies and frameworks - Proven experience working on PV feasibility studies and or with various stakeholder, including public utilities, government, local communities, NGOs and the private sector on 	<i>[Bidder's answer]</i>	

matters concerning renewable energy and power generation.	
Technical requirement 3:	
Demonstrated project and time management skills and the ability to meet deadlines.	<i>[Bidder's answer]</i>

For the Bidder: *[insert name of the company]*

Signature:

Name of the representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

Date: *[Click or tap to enter a date]*

Annex 5: FINANCIAL PROPOSAL SUBMISSION FORM

Services description	Unit Price	Unit (Professional Fees: Hourly/Daily/Mon thly RATE – SPECIFY)	Total quantity (Hours/We eks/Months)	Total Amount EURO (includin g taxes)
Submission of Inception Report should include the Workplan, Methodology and Resourcing Needs and the project pre-evaluation matrix (M&E) for the Electricity Grid Infrastructure Assessment and update within two weeks of contract signing.	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>
Technical report 1	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>
Technical report 2	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>
Submission of a draft Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure including the findings from 2 to 7 above and including a summary of the key findings and recommendations. This will be circulated to stakeholders for comments.	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>
Validation meeting and including agenda, signed participants/workshop registration lists, PPT presentations and GEDSI requirements, pictures, if applicable.	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>
Final Tuvalu Assessment of Rooftop Solar PV Systems on Electricity Grid Infrastructure, and Executive summary based on feedback from stakeholders	<i>Lumpsum</i>	<i>Lumpsum</i>	<i>[quantity]</i>	<i>[total amount]</i>

on previous activities and project post evaluation matrix completed.				
Total				[Total]

For the Bidder: *[insert name of the company]*

Signature:

Name of the representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

Date: *[Click or tap to enter a date]*