

RFQ 23-5993

REQUEST FOR QUOTATION (RFQ)

FOR GOODS

Project Title:	Safe and sustainable drinking water for Kiritimati Island
Nature of the goods	Solar panels, pole mounts and other goods for Kiritimati Island
Location:	Kiritimati Island , Kiribati
Date of issue:	3/11/2023
Closing Date:	15/11/2023
SPC Reference:	23-5993

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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).

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.

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 Quotation (RFQ) Process

At SPC, procurement valued at more than EUR 2,000 and less than or equal to EUR 45,000 requires an evaluation of at least three quotations to determine the offer that provides the best value for money through a Request for Quotation (RFQ) process.

This RFQ sets out SPC's requirements for a project and it asks you, as a bidder, to respond in writing in a prescribed format with pricing and other required information.

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

Part 2: INSTRUCTIONS TO BIDDERS

2.1 Background

SPC invites you to submit a quotation to deliver the goods as specified in Part 3.

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 quotation to be considered, it is important that you provide all the prescribed information by the closing date and in the format specified.

2.2 Submission Instructions

You must **submit your quotation and all supporting documents** in English and as an attachment to an email sent to jakew@spc.int and with the subject line of your email as follows: **Submission RFQ23-5993**. The email should also be copied to rfq@spc.int.

The supporting documents expected in this RFQ are:

- The Conflict-of-Interest Declaration form completed
- Technical Submission Form completed with product specifications attached (Annex 2)
- Financial Submission form completed (Annex 3).

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

Bids will be evaluated on the basis of information received by **5pm GMT+14(Line Islands Time)** on **15/11/2023**.

2.3 Evaluation & Contract Award

Each quotation validly received will be assessed against the evaluation criteria matrix set out in <u>Part 4</u>. Any changes in the evaluation criteria will result in the RFQ process being re-issued.

SPC may award the contract once it has determined that a bidder has met the prescribed requirements and the bidder's proposal has been determined to be substantially responsive to the RFQ documents, provide the best value for money (highest cumulative score) and best serve the interests of SPC.

In the event of a bid being accepted, procurement will take place under SPC's <u>General Terms and Conditions</u> of <u>Contract</u> and depending on the value or nature of the procurement, the award will be made by issuing a purchase order or a signed and dated contract, or both.

2.4 Key Contacts

Please contact SPC should you have any doubt as to what is required or if we can help answer any questions that you may have.

Jake Ward will be your primary point of contact for this RFQ and can be contacted at jakew@spc.int . You should copy any communications into rfq@spc.int.

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 RFQ process, at any point where there is phone call or other conversation, SPC expects to keep a file note of the exchange, with all forms of communication with prospective bidders to be retained as source documents for the procurement of the goods.

2.5 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
RFQ sent to potential vendors	3/11/2023
RFQ Closing Date	15/11/2023
Award of Contract	30/11/2023
Commencement of Contract	1/12/2023
Conclusion of Contract	30/06/2024

2.6 Legal and compliance

Confidentiality: Unless otherwise agreed by SPC in advance or where the contents of the RFQ are already in the public domain when shared with the bidder, bidders shall at all times treat the contents of the RFQ 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 RFQ 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 RFQ process. In support of your response to this RFQ, you must submit to SPC the Conflict-of-Interest Declaration form available on our procurement page website: https://spc.int/procurement.

Breach of this requirement can result in SPC terminating any contract with a successful bidder.

Currency, validity, duties, taxes: Unless specifically otherwise requested, all proposals should be in AUD 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.

No offer of contract or invitation to contract: This RFQ 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 RFQ. SPC will handle any personal information it receives under the RFQ in line with its Privacy Policy, and the <a href="Guidelines for handling personal information of bidders and grantees.

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 RFQ process.

2.7 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: SPECIFICATION OF GOODS

A. Background/context

Kiritimati Island of the island nation, Kiribati, is the world's largest coral atoll and located just north of the equator in the middle of the Pacific Ocean. Most of the island's 7,500 residents rely on groundwater available on their lease (fresh to brackish hand dug wells) or trucked or piped from one of the island's four primary freshwater lenses.

The EUR 7.4M EU- and MFAT-funded Safe and sustainable drinking water for Kiritimati Island project, otherwise known as the Kiritimati Island Water Project, is being implemented by The Pacific Community (SPC) in partnership with the Ministry of Line and Phoenix Islands Development (MLPID) and other Government of Kiribati (GoK) stakeholders to improve access to safe and secure water on the island. UNICEF are leading implementation of the sanitation and hygiene components under the same umbrella EU-GoK Partnership for inclusive and socio-economic development. Detailed design work for the water project is currently underway with major construction works expected to commence in 2024.

Additional to construction of groundwater infiltration galleries, transmission pipelines, centralised tank and pump stations and village reticulation networks, the project's infrastructure scope will also include the installations summarised in the following table.

Mounting	PV module Wp	PV array Wp	Location	Application	Quantity
			Decca	Petrol pump replacement	1
		W 1 – 1.5 kW	Four Wells PV generator replacement		1
3 XL			NZ Airfield	Petrol and solar pump replacement	1
panel	500 W			Wind pump backup	1
pole			Banana	Petrol pump replacement	1
mount				Solar pump replacement	1
				Unutilised pump well	1
			TBC	Spare	1

Each solar pump will be equipped with a single pole-mounted solar array of 1 to 1.5 kWp capacity to achieve 20-60 kL/d pump rates for a variety of pump options. The pole mount will need to be designed to secure two or three XL panels. In some cases, the peak rating of each PV generator will be over-sized compared to the peak rating of the pumps in order to maximise the length of time each day when the pump is operating at full capacity, without the need for a battery system.

Installation will be performed as per supplier/manufacturer recommendation by MLPID's Water and Sanitation Division (WSD) and Electrical Division (ED) with support from SPC and contracted TA.

The project team are currently trialling alternative solar pump types and configurations, though require PV generators in place to undertake the trials and prepare for upcoming solar pump installations and rehabilitation/replacement works. SPC are therefore seeking bids for solar photovoltaic (PV) panels and pole mounts suitable for the hot, humid, salty, windy and corrosive Kiritimati atoll environment.

Taking advantage of potential shipping container space required to ship the panels and pole mounts, this RFQ is also seeking costing for:

- Robust, 20 litre food-grade plastic pails (buckets with sealing lid) for household water treatment and storage application;
- 20 mm brass float valves with large internal bore (min 6mm diameter) and plastic float to connect to household head tanks via a 20 mm PE tank connector (bulkhead) and upstream PE isolation ball valve; and
- Spare Lorentz solar pump parts and PE adaptors for pump connections.

B. List of Goods

Below is a list of materials required under this RFQ.

#	Item	Unit	Quantity
1	3-panel pole mount (to fit 2 or 3 x XL PV panels; complete with poles, racking, fixings and fasteners)	set	8
2	General purpose Portland cement, 20 kg bag	bag	144
3	Solar panel (~500 W) *	рс	31
4	2m single core connecting cable with M/F connectors**	length	10
5	5m single core connecting cable with M/F connectors**	length	10
6	20mm cable conduit	m	50
7	20mm cable conduit 90° swept bend	рс	50
8	Earth stakes	рс	8
9	6mm earth cable	m	40
10	Spare fixings (nuts/bolts/screws) for 1 complete pole mount	set	2
11	Universal solar panel clamps to suit pole mounts (spares)	рс	20
12	Cable tie, plastic, ~200 mm	рс	200
13	Cable tie, plastic, ~300 mm	рс	200
14	Tools for installation (bidder to list tools)	set	2
15	Soft and hardcopy installation, operation and maintenance manuals	set	2
16	Heavy-duty 20L food-grade plastic pail (bucket with sealing lid) with handle	рс	600
17	20 mm brass ball valve with ≥6mm internal bore and plastic float, BSP M	рс	100
18	20 mm PE tank connector (bulkhead), BSP FF	рс	100
19	20 mm PE ball valve BSP FF	рс	100
20	50mm x 1-1/4" (32 mm) PE adaptor M	рс	10
21	Lorentz pump end PE HRE-14-3	рс	2
22	Lorentz ECDrive 1800HRE 1.7kW motor	рс	2
23	Lorentz cable splice kit	kit	10
24	Shipping to Kiritimati Island	lump	1

^{*}Panel quantity for 8 x 3-panel poles (24 panels) plus 7 spares, equating to 31 x XL panels (1 pallet).

^{**} Connectors included in case 2 pole arrays are required.

C. Functional Specification

Pole mounts and panels

All items procured through this RFQ must be suitable for Kiritimati's hot, humid and highly corrosive environment.

All metal items must be suitable for Corrosivity Category C5 or CX as per ISO 9223.

All fixings, fasteners and PV module frames are to be marine-grade stainless steel or marine-grade anodized aluminium.

Fixings should also be designed to minimise tampering and theft.

For pump trials, the team may use cable ties for temporarily fixing controllers, cables and other items. However, proper corrosion resistant steel will be required for fixing permanent pump control systems and cabling.

Concrete foundations for poles (ground-mounted) will be set in sand and will need to provide sufficient structural integrity for the PV array to withstand the trade winds that can exceed 40 knots. Note that cyclones do not occur in the area, though provision of cyclone rated equipment is encouraged to improve robustness and longevity of installations.

3-panel pole mounts (racking) are to be suitable for 1 to 1.5 kW PV capacity (-0%, +10%) at STC, supporting 2 to 3×500 W panels. In other words, they must have the flexibility to easily secure and connect 2 or 3 XL panels at any one time. This will enable trialling of various types of pumps and controllers with different power requirements.

The purpose of pole mounting the array is to enable each array to be easily rotated and set at any azimuth $(0-360^\circ)$ and a range of tilt angles $(10^\circ$ to $45^\circ)$, as the project team will be experimenting with different panel orientations to optimise pump performance. In some cases, two pole mounts will be situated side-by side, in which case cables should be of sufficient length to enable underground connection between the two adjacent pole mounts while enabling the full range of azimuth and tilt angles.

UV-stabilised conduit will be required for all cabling buried or potentially exposed to sunlight.

Each pole-mounted PV generator must be relatively simple to install and maintain. Two sets of tools specifically needed for installation of the pole-mounted arrays (e.g. allen keys, screwdrivers) must be listed and quoted.

Hard and soft copy instructions for construction, assembly, operation and maintenance of footings, poles, racking and panels must be provided by the supplier.

In the 12-months after delivery to Kiritimati, the supplier must be available to respond to emails or attend brief virtual meetings as needed (maximum 3-hour cumulative total) to answer any queries arising from the installation and operation of the goods.

20 litre pails

Heavy duty 20 L pails are to be used for different household water treatment and storage options in combination with water filtration mechanisms. The buckets must be stackable, strong and come with sealing lid and metal handle. Cylindrical buckets are preferred, though square buckets may be accepted if suitably robust. Holes will be drilled into the buckets by WSD/SPC to equip them with filters or taps.

Valves

Brass 20 mm float valves with plastic float will be fitted to the side of household head tanks (via a 20 mm FF PE tank connector) connected to one of Kiritimati's intermittent reticulated water supply systems. The valve must have a minimum internal bore of 6 mm to ensure sufficient water is delivered to the customer during the daily watering periods.

PE 20 mm stop valves will be used as isolation valves for the head tank intake.

Lorentz pump parts

A selection of pump parts is included. Parts should be genuine Lorentz brand sourced from an authorised Lorentz dealer or reseller.

D. Design & Technical Specification

Design life of all items must be at least 25 years.

Pole mounts

Specifications of the proposed pole mounting system are to accompany the bid.

The structure should be designed and warrantied to withstand weather conditions in the area, with special attention to the highly corrosive environment.

Tilt angle must range from 10° to $\geq 45^{\circ}$.

Azimuth range must be 360° to enable trialling different orientations.

Poles should be of a suitable height such that the lowest point of the panels are ≥ 1 m above ground level for a 15° tilt angle). There should be sufficient space on the upper section of the pole to secure all live components of the system (e.g. circuit breakers, fuses, inverters) above 1 m.

Fixings and fasteners are to be made of marine grade 316 steel, and coated in a water-resistant rust inhibitor (e.g. lanolin). Grade 304 stainless steel or galvanized steel fasteners are not acceptable for this project, though exceptions may be made on a case-by-case basis.

The design of the array mounting structure should be such that parts are pre-cut overseas (prior to anodization for aluminium) and do not need to be cut in the field. This is so that any corrosion-resistant coatings on the mounting structure's members are not compromised by being cut.

The pole-mounted arrays must be built to withstand AS/NZS 1170.2:2011 Category C winds. For the purposes of wind loading calculations, an Importance Factor of 2 (in accordance with AS/NZS 1170.0) is to be assumed

Cement (for pole mount footings) should be palletised General Purpose (Portland) cement compliant with AS3972.

PV panels

Capacity

PV modules (panels) for new installations should have a peak power of roughly 500 Wp and Voc of \sim 50 V so that when two or three panels are connected in series they achieve a combined Voc of roughly 100 to 150 V.

The modules are to have no negative power tolerance (i.e. the actual Wp capacity of the modules are to be equal to or higher than their rated Wp capacity).

Bypass diodes are required on each PV module.

Certification

A manufacturer's datasheet of the proposed PV modules is to accompany the bid.

PV modules must be approved to IEC/EN 61215 and 61730 or UL 1703 certified and listed.

As the modules will be installed in a hot tropical marine environment, certification to IEC 61701:2011 is required.

The PV modules shall be clearly labelled and permanently marked with a data plate containing the following information:

- Manufacturer's name, date and country of manufacture
- Type/model number, serial number, Class
- Watt-peak power rating at STC (Pmax), open circuit voltage (Voc), short circuit current (Isc), voltage, current and power at maximum power point (Vmp, Imp), tolerance and temperature coefficient
- Certification, e.g.: UL listing, IEC 61215, ISO certification.

Quality and type

All modules must be of a robust design with adequate seals to prevent water ingress into the active components.

Only certified polycrystalline or mono-crystalline silicon modules will be accepted. Amorphous or thin film modules will not be considered.

All modules provided are to be new, of identical make and model, and must be from a manufacturer with demonstrated experience in manufacturing of high-quality PV modules.

Cabling

The DC cabling (from strings of PV modules to the pole-mounted controller) is to be sized so that, when installed in the environmental conditions on Kiritimati Island, the voltage drop of each circuit always remains below 2 %. Should an array comprise two poles set side-by-side, cables running between poles will be buried and less than 10 m in length.

Standard locking connectors (e.g. MC-4 or equivalent) certified to EN 50521 are to be included with each module. Non-locking connectors (e.g. MC-3 or equivalent) are not to be used.

DC cabling is to be either single core double insulated solar cable or twin core double insulated solar cable. Cable sheathing is to be UV-stabilized.

Exposure of cabling to sunlight is to be minimised while still allowing the flexibility to orient the panels at different azimuth and tilt angles. Conduit is to be provided for cabling buried or exposed to direct sunlight.

20L pails

The pails must be food grade (FDA approved), 20 litre, heavy duty, plastic with sealing lid, and compliant to ISO90001: 2015.

Float valves

The float valves must be side entry, brass, with \geq 6 mm internal bore, with robust plastic float, male $\frac{3}{4}$ " (20 mm) connection, compliant to AS1910.

Valves with a stainless-steel seat will be highly regarded.

PE tank connectors (bulkheads) are to be ¾" (20 mm) female-female BSP, PE100, compatible with the brass float valves and suitable for rotationally moulded poly tanks.

PE stop (ball) valves must be ¾" (20 mm), full bore, ¼-turn, female-female BSP thread, PE100, and compliant with standard EN 1555-4 and EN 122201-4.

Lorentz parts

Lorentz solar pump parts must be genuine and as per spec.

E. Delivery Requirements

The supplier will be responsible for packing and delivering all items to Kiritimati Island port (not Tarawa). SPC will facilitate customs clearance and pay associated destination charges.

Delivery should be as soon as possible upon signing of the contract, though no longer than seven months from contract signing. Container ships travel to Kiritimati Island approximately quarterly.

Delivery costs are to include pre-shipment inspections (undertaken by the supplier), packing, handling, shipping, export charges, insurance and other associated freight expenses to deliver to the Kiritimati Island.

Items are to be packed and clearly labelled. Items must be packed and secured appropriately to minimise any damage or distortion during transit.

Panels, pails and other items are to be palletised where possible.

Quality control

Vigilant pre-shipment quality and quantity checks must be conducted by the Supplier to confirm compliance with this Specification of Goods. The Supplier is to provide photos of all packed items and also packed containers immediately prior to closing and locking for shipment.

SPC may choose to perform a pre-shipping quality check, if feasible.

F. Warranty Requirements (when applicable)

Bidders should clearly state the warranty period for the items with a minimum being the factory warranty.

Poles and racking

Poles, racking, fixings and associated mounting equipment must come with a minimum 10-year factory warranty.

PV modules

Modules shall be guaranteed (warranted) for 25 years with no more than 10 % derating for the first 10 years, and 20 % derating within 20 years. The efficiency of solar-PV cells shall be minimum 16 % and solar modules total efficiency of minimum 14 %.

Modules must have a defects warranty period of 10 years. A warranty statement for the make and model of the module proposed must be provided with the quote. The statement must define when the warranty

period starts, what remedial action the manufacturer will take upon a successful warranty claim, who underwrites the warranty, and how to lodge a warranty claim.

Lorentz parts

Lorentz parts shall come with full Lorentz warranty: free of defects in material and workmanship for a period of 24 months from date of installation or 36 months from date of manufacture, whichever comes first.

G. Reporting Arrangements

The supplier will work directly with the Kiritimati Island WatER Project Team.

The supplier will provide all necessary transport documents (bill of lading, packing list, insurance certificate, photos, etc.) as soon as they are available.

AS/NZS certifications for all applicable items must also be provided prior to shipping.

H. Scope of Bid Price and Schedule of Payments

The value of the contract will be based on milestones/outputs outlined in the table below.

The terms of payment shall be in accordance with the provisions of Article 10 of the SPC General Conditions.

#	Milestone/Output	% Payment
1	Approval of updated delivery schedule	20%
2	Submission of freighting documents and applicable certifications	30%
3	Delivery, quality check and acceptance of goods on Kiritimati Island	50%
	TOTAL	100%

Part 4: PROPOSAL EVALUATION MATRIX

4.1 Competency Requirements & Score Weight

The evaluation matrix bellow reflects the obtainable score specified for each evaluation criterion (technical and financial requirements) which indicates the relative significance or weight of the items in the overall evaluation process.

Evaluation criteria	Score Weight (%)	Points obtainable
Mandatory requirements		
 The bidder will need to attach: Conflict of interest declaration form (Annex 1) Technical proposal submission form (Annex 2) Including specifications and certifications for pole mounts and modules Financial proposal submission form (Annex 3) 	Bidders will be disqualified if any of the requirements are not met	
Technical requirements		
Functional specification: Compliance with functional requirements as stated in the Specification of Goods	20%	200
Design and technical specification: Compliance with design and technical requirements as stated in the Specification of Goods	20%	200
Supply Experience: Evidence of at least 5 years' practical experience in supply of similar goods (at least 2 contracts; contracts with SPC should also be included)	20%	200
Delivery: Experience shipping goods in the Pacific and capacity to deliver items within 6 months	10%	100
Financial requirements		
Financial	30%	300
Total Score	100%	700

Annex 1. Conflict of Interest Declaration Form

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:

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

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 **RFQ** [SPC Reference] 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 Bidder's representative: [insert name of the representative] Title: [insert Title of the representative] Date: [Click or tap to enter a date]	

Annex 2. TECHNICAL PROPOSAL SUBMISSION FORM

INSTRUCTIONS TO BIDDERS

Please complete the table below and attach necessary supporting documentation to support technical evaluation of bids.

Technical criteria	
Mandatory Requirements	Response by Bidder
Conflict of interest declaration: Annex 1	Check if submitted with the proposal
Technical proposal submission form: Annex 2	Check if submitted with the proposal
Specification sheets, certificates and associated information	For proposed pole mount system For proposed PV modules For Lorentz parts For float valves For pails Please list any other applicable information sheets attached:
Expected dispatch date	
Expected delivery date	
Financial proposal submission form: Annex 3	Check if submitted with the proposal
Organisational, technical and delivery	requirements
Functional	
Compliance with functional requirements as stated in the Specification of Goods (20%)	[Bidder's answer]
Design and technical	
Compliance with design and technical requirements as stated in the Specification of Goods (20%)	[Bidder's answer]
Supply experience	
Evidence of at least 5 years' practical experience in supply of similar goods (at least 2 contracts; contracts with SPC should also be included) (20%)	[Bidder's answer]
Delivery	
Experience shipping goods in the Pacific and capacity to deliver items within 6 months (10%)	[Bidder's answer]

Annex 3: FINANCIAL PROPOSAL SUBMISSION FORM

- **1.** Please use the template provided below, at a minimum.
- 2. Other quote formats (e.g. using bidders' system-generated software) can also be attached.
- **3.** All prices in the proposal must be presented in AUD.

#	Item	Unit	Quantity	Cost [AUD]
1	3-panel pole mount (to fit 2 or 3 x XL PV panels; complete with poles, racking, fixings and fasteners)	set	8	\$
2	General purpose Portland cement, 20 kg bag	bag	144	\$
3	Solar panel (~500 W) *	рс	31	\$
4	2m single core connecting cable with M/F connectors**	length	10	\$
5	5m single core connecting cable with M/F connectors**	length	10	\$
6	20mm cable conduit	m	50	\$
7	20mm cable conduit 90° swept bend	рс	50	\$
8	Earth stakes	рс	8	\$
9	6mm earth cable	m	40	\$
10	Spare fixings (nuts/bolts/screws) for 1 complete pole mount	set	2	\$
11	Universal solar panel clamps to suit pole mounts (spares)	рс	20	\$
12	Cable tie, plastic, ~200 mm	рс	200	\$
13	Cable tie, plastic, ~300 mm	рс	200	\$
14	Tools for installation (bidder to list tools)	set	2	\$
15	Soft and hardcopy installation, operation and maintenance manuals	set	2	\$
16	Heavy-duty 20L food-grade plastic pail (bucket with sealing lid) with handle	рс	600	\$
17	20 mm brass ball valve with ≥6mm internal bore and plastic float, BSP M	рс	100	\$
18	20 mm PE tank connector (bulkhead), BSP FF	рс	100	\$
19	20 mm PE ball valve BSP FF	рс	100	\$
20	50mm x 1-1/4" (32 mm) PE adaptor M	рс	10	\$
21	Lorentz pump end PE HRE-14-3	рс	2	\$
22	Lorentz ECDrive 1800HRE 1.7kW motor	рс	2	\$
23	Lorentz cable splice kit	kit	10	\$
24	Shipping to Kiritimati Island	lump	1	\$
	TOTAL			\$

No payment will be made for items which have not been priced. Such items are deemed to be covered by the financial offer. Bidders will be deemed to have satisfied themselves, before submitting their proposal, considering all that is required for the full and proper performance of the contract and to have included all applicable costs in their rates and prices.

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]