

REQUEST FOR PROPOSAL (RFP)

FOR GOODS

Project Title:	Safe and sustainable drinking water for Kiritimati Island
Nature of the goods	Flowmeters, parts, pipe, equipment and tools for the Kiritimati Island Water Project
Location:	Kiritimati Island
Date of issue:	22/12/2022
Closing Date:	2/02/2023
SPC Reference:	RFP22-4749-PRO

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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 quotations; 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 goods 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:

- 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 (Annex 4);
- 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 AUD. 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 RFP22-4749-PRO**.

Your proposal must be received no later than **2/02/2023** by **23:59 Fiji Time GMT +12**. 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 complete 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 RFP22-4749-PRO**. The deadline for submission of clarifications is **19/01/2023** by **23:59 Fiji Time GMT +12**.

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, these could include educational qualification, professional accreditation or certification, licensing, experience and expertise.

Shortlisted bidder's presentation

Bidders that are shortlisted during the RFP evaluation process may be required to 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 goods and 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 is to be inclusive of any taxes 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.

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	22/12/2022

Deadline for seeking clarification	19/01/2023
RFP Closing Date	2/02/2023
Award of Contract	31/03/2023
Commencement of Contract	21/04/2023
Conclusion of Contract	31/11/2023

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 quotations: 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 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.

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: Specification of Goods

Background/context

The 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.

This is the third major water project on Kiritimati Island in the past 25 years. The AusAID funded Kiritimati Water and Sanitation Project (KWASP) was implemented by the Overseas Projects Corporation of Victoria (OPCV) in the late 1990s and early 2000s. SPC then implemented the EU and NZ MFAT funded Improved Drinking Water Supply for Kiritimati Island Project (IDWSKIP) from 2014 to 2018. This project is a continuation of the IDWSKIP and is presently undergoing detailed design for the new water system systems.

Part of the project scope involves upgrading the existing water supply infrastructure. This will involve installation of new flowmeters to better monitor and manage the water systems. This RFP also includes piping for a 150 mm PVC transmission line and 100 mm PVC connecting pipework, plus equipment and tools to assist with the construction of groundwater infiltration galleries, tanks and other works. The following items are required to be supplied and delivered to Kiritimati Island.

1. Flowmeters with fittings
 - 18 x 40mm sets
 - 9 x 80mm sets
 - 10 x 15mm household PE sets
 - 10 x 15mm household PVC sets
2. Pipe and fittings
 - 710 lengths of 150mm rubber ring jointed (RRJ) PVC pipe
 - 200 lengths of 100mm rubber ring jointed (RRJ) PVC pipe
 - 10 km of underground pipe marker tape
 - 2.5 km of 200-micron plastic sheet
 - 40 x 250 mm OD well covers
 - 10 x 100 mm well plugs
 - An assortment of PVC and PE fittings
3. Equipment and tools
 - 4 x Flexdrive pumps with spare discharge hose
 - Concrete mixer ≥ 350L
 - Toolboxes and an assortment of tools and consumables
4. Solar and wind pump parts
 - 10 x Lorentz PS 2-1800 controllers

- 6 x Lorentz ECDrive 1800 HRE motors
- 4 x Lorentz pump ends PE HRE-14-2
- Other Lorentz solar pump parts and electrical cable
- Leather buckets for Yellowtail wind pumps

List of goods

Below is a list of all items to be supplied, along with brief specifications.

Table 1. Bill of quantities

#	Item	Unit	Quantity per set	Total quantity
40mm flowmeter assemblies (18 sets)				
1.01	PE elbow 50mm	ea	1	18
1.02	PE adaptor elbow 50mm x 2" F	ea	1	18
1.03	PE Y-type strainer with SS basket 2" MM	ea	1	18
1.04	PE threaded socket 50mm FF	ea	1	18
1.05	PE riser 2" x 100mm TBE MM	length	1	18
1.06	PE 2" threaded tee with 3/4" threaded offtake FFF	ea	1	18
1.07	Lockable SS ball valve 3/4", at least one end male, master key to match all ball valve locks ordered	ea	1	18
1.08	SS lock and key for ball valve	ea	1	18
1.09	PE riser 2" x 450mm TBE MM	ea	1	18
1.10	PE threaded socket 50mm FF	ea	1	18
1.11	Elster 40mm V100 flowmeter with 50mm MM threaded connections	ea	1	18
1.12	PE threaded socket 50mm FF	ea	1	18
1.13	PE riser 2" x 300mm TBE MM	length	1	18
1.14	PE check (non-return) valve 50mm brass FF	ea	1	18
1.15	PE nipple 2" MM	ea	1	18
1.16	PE adaptor elbow 50mm x 2" F	ea	1	18
1.17	PE elbow 50mm	ea	1	18
1.18	Polyethylene rectangular meter box approx. 600x350x300mm with base screw slots	ea	1	18
1.19	Thread tape 10m pink	roll	2	36
80mm flowmeter assemblies (9 sets)				

#	Item	Unit	Quantity per set	Total quantity
2.01	DICL flanged 90° bend 80mm	ea	1	9
2.02	DICL 500mm flanged spool piece 80mm	ea	1	9
2.03	DICL flanged 90° bend 80mm	ea	1	9
2.04	DICL 500mm flanged spool piece 80mm	ea	1	9
2.05	DICL non-thrust dismantling joint 80mm	ea	1	9
2.06	Flanged Elster H4000 Woltman 80mm Helix flowmeter	ea	1	9
2.07	DI (FBE coated) tapping band with 12.5mm BSP tapping F	ea	1	9
2.08	SS ball valve 12.5mm MM	ea	1	9
2.09	SS DN50 "WIKA" glycerine-filled pressure gauge, 500kPa max. pressure, with reducer to suit 12.5mm ball valve (listed above)	ea	1	9
2.10	DICL 1000mm flanged spool piece 80mm	ea	1	9
2.11	DICL flanged 90° bend 80mm	ea	1	9
2.12	DICL 500mm flanged spool piece 80mm	ea	1	9
2.13	DICL flanged 90° bend 80mm	ea	1	9
2.14	Flanged gate valve 80mm	ea	1	9
2.15	Polyethylene rectangular meter box 600x350x300mm with base screw slots	ea	2	18
2.16	Spare nuts, bolts and washers for flanged connections	set	1	9
Mainline connections for 80mm flowmeter assemblies (3 x 100mm & 6 x 150mm)				
3.01	DICL flanged socket for 100mm PVC mains	ea	2	6
3.02	DICL flanged reducer 100mm - 80mm	ea	2	6
3.03	DICL flanged socket for 150mm PVC mains	ea	2	12
3.04	DICL flanged reducer 150mm to 80mm	ea	2	12
15mm household meter assemblies, PE version (10 sets)				
4.01	PE adaptor 20mm M	ea	1	10
4.02	PE pipe PN9 20mm	m	18	180
4.03	PE adaptor 20mm M	ea	1	10
4.04	PE threaded elbow 20mm FF 90°	ea	1	10
4.05	PE riser 20mm x 300mm MM	length	1	10
4.06	PE threaded elbow 20mm FF 90°	ea	1	10

#	Item	Unit	Quantity per set	Total quantity
4.07	PE reducing nipple 20mm x 15mm	ea	1	10
4.08	Brass magnetic valve 15mm FF	ea	1	10
4.09	Magnetic valve key	ea	0.2	2
4.10	PE reducing nipple 20mm x 15mm	ea	1	10
4.11	PE threaded socket 20mm FF	ea	1	10
4.12	PE riser 20mm x 150mm MM	ea	1	10
4.13	PE threaded socket 20mm FF	ea	1	10
4.14	Honeywell V110 co-polymer resin 15mm water meter with 20mm MM connections	ea	1	10
4.15	PVC threaded barrel union 20mm FF	ea	1	10
4.16	PE riser 20mm x 100mm MM	length	1	10
4.17	PE threaded elbow 20mm FF 90°	ea	1	10
4.18	PE riser 20mm x 300mm MM	length	1	10
4.19	PE faucet elbow 20mm F 90°	ea	2	20
4.20	PVC plug 20mm	ea	1	10
4.21	Thread tape 10m blue	roll	1	10
4.22	Thread tape 10m pink	roll	2	20
4.23	Polyethylene rectangular lockable meter box 600x350x300mm with base screw slots	ea	1	10
4.24	SS dynabolts with lock nuts to secure meter box to slab	ea	6	60
4.25	Key for meter box	ea	0.2	2
15mm household meter assemblies, PVC version (10 sets)				
5.01	PVC valve socket 20mm x 3/4" M	length	1	10
5.02	PVC pressure pipe SWJ 20mm 5.8m	ea	3	30
5.03	PE elbow 20mm 90°	length	1	10
5.04	PE faucet elbow 20mm F 90°	ea	1	10
5.05	PE reducing nipple 20mm x 15mm	ea	1	10
5.06	Brass magnetic valve 15mm FF	ea	1	10
5.07	Magnetic valve key	ea	0.2	2
5.08	PE reducing nipple 20mm x 15mm	ea	1	10
5.09	PE threaded socket 20mm FF	ea	1	10

#	Item	Unit	Quantity per set	Total quantity
5.10	PE riser 20mm x 150mm MM	ea	1	10
5.11	PE threaded socket 20mm FF	ea	1	10
5.12	Honeywell V110 co-polymer resin 15mm water meter with 20mm MM connections	ea	1	10
5.13	PVC barrel union 20mm	length	1	10
5.14	PE elbow 20mm 90°	length	1	10
5.15	PE elbow 20mm 90°	ea	2	20
5.16	PVC plug 20mm	roll	1	10
5.17	Thread tape 10m blue	roll	1	10
5.18	Thread tape 10m pink	ea	1	10
5.19	Polyethylene rectangular lockable meter box 14" x 19" with base screw slots	ea	1	10
5.20	SS dynabolts with lock nuts to secure meter box to slab	ea	6	60
5.21	Key for meter box	length	0.2	2
Pipe and fittings				
6.01	UPVC DN150 class 9 pipe 5.8m rubber ring jointed (RRJ)	length		710
6.02	UPVC DN100 class 9 pipe 5.8m RRJ	length		200
6.03	UPVC 150/100/150mm reducing tee junction RRJ	ea		4
6.04	UPVC 150mm tee junction RRJ	ea		4
6.05	UPVC 150 x 100mm reducing socket RRJ	ea		8
6.06	Marker tape for underground pipelines - "DANGER, BURIED WATER MAIN BELOW" or similar	m		10,000
6.07	PE 2" x 63mm PE reducing adaptor F (63mm F thread)	ea		4
6.08	PE 2" x 50mm PE adaptor F	ea		8
6.09	PE 2" x 50mm PE adaptor M	ea		8
6.10	200 micron plastic sheet, min 600mm width	m		2,500
6.11	250mm OD Class E groundwater well cover for 100mm boreholes; e.g. 200 Nondo Class E flush-mount groundwater well cover	ea		40
6.12	100mm well plug; e.g. FieldTech well plug for 100mm monitoring wells	ea		10
6.13	UPVC 100mm plain end cap	ea		20

#	Item	Unit	Quantity per set	Total quantity
Equipment and tools				
7.01	Petrol 3" Flexdrive motor/pump with 9m Flexshaft, complete with 3" discharge hose (50m) and connectors to suit	set		4
7.02	3" discharge hose (as per above)	m		100
7.03	Diesel or petrol concrete mixer ≥ 350 L	ea		1
7.04	Heavy duty aluminium checker plate toolbox min. 1200 x 500 x 450mm	pc		1
7.05	Heavy duty aluminium checker plate toolbox min. 900 x 500 x 450mm	pc		1
7.06	Padlock 40mm with same master key (to fit toolboxes above)	pc		4
7.07	Cordless brushless hammer driver drill 18V	pc		1
7.08	Cordless brushless impact driver 18V	pc		1
7.09	Cordless brushless 185mm (7-1/4") circular saw 18V	pc		1
7.10	Cordless brushless 125mm (5") angle grinder 18V	pc		1
7.11	Cordless heat gun 18V with nozzles/accessories	pc		1
7.12	18V battery for cordless tools	pc		4
7.13	18V battery charger for cordless tools	pc		2
7.14	185mm (7-1/4") circular saw blade	pc		2
7.15	125mm (5") angle grinder cutting disc	pc		2
7.16	Drill bit set ≥ 20pc, metric	set		1
7.17	Impact driver bit set ≥ 20pc	set		1
7.18	12V lithium-ion battery 20 - 100Ah (the smaller & lighter the better)	pc		2
7.19	Socket set ≥ 25pc with ratchet, metric	set		1
7.20	Screwdriver set ≥ 12pc	set		1
7.21	Spanner set ≥ 15pc	set		1
7.22	Bastard file ≥ 150mm	pc		1
7.23	Hack saw 300mm	pc		2
7.24	Hack saw blades	pc		10
7.25	Hand saw ≥ 500mm	pc		2

#	Item	Unit	Quantity per set	Total quantity
7.26	Double-sided step ladder ≥ 3m	pc		2
7.27	Manual iron pipe threader with 1/2" to 2" dies, extension bars & ratchet	set		1
7.28	Manual PVC pipe threader with 1/2", 3/4" and 1" dies	set		1
7.29	Manual pipe/drain cleaning auger tool, ≥ 2m	pc		1
7.30	Toilet plunger	pc		2
7.31	Pipe cutter PVC & PE ≥ 50mm	pc		2
7.32	Pipe wrench 300mm	pc		1
7.33	Pipe wrench 450mm	pc		1
7.34	Pipe wrench 600mm	pc		1
7.35	Pipe wrench 900mm	pc		1
7.36	Bench vice 150mm	pc		1
7.37	Bench grinder 150mm (2-wheel)	pc		1
7.38	Bench grinding wheel 150mm	pc		2
7.39	Digital multimeter	pc		1
7.40	Stud finder, rechargeable	pc		1
7.41	Ultrasonic dog deterrent, rechargeable	pc		3
7.42	Claw hammer ≥ 20oz	pc		4
7.43	Rubber mallet ≥ 24oz	pc		1
7.44	Sledgehammer ≥ 3.5kg	pc		1
7.45	Wrecking bar ≥ 450mm	pc		1
7.46	Crowbar ≥ 1500 x 25mm	pc		1
7.47	Round-mouth shovel	pc		10
7.48	Square-mouth shovel	pc		4
7.49	Trenching shovel	pc		2
7.50	Tin snips - straight cut	pc		1
7.51	Tin snips - left cut	pc		1
7.52	Tins snips - right cut	pc		1
7.53	Rivet gun, heavy duty	pc		1
7.54	Rivets, aluminium	pc		200

#	Item	Unit	Quantity per set	Total quantity
7.55	Caulking gun	pc		2
7.56	Silicone sealant clear	tube		4
7.57	Silicone sealant white	tube		4
7.58	Plumbing thread tape (blue)	roll		40
7.59	Plumbing thread tape (pink)	roll		40
Solar and wind pump parts				
8.01	Lorentz pump end PE HRE-14-2	ea		4
8.02	Lorentz ECDrive 1800HRE 1.7kW motor	ea		6
8.03	Lorentz PS 2-1800 Controller 1.8kVA fitted with manual speed control dial	ea		10
8.04	Lorentz PV disconnect 440-40-2 (dual string)	ea		4
8.05	Lorentz water level probe sensor	ea		6
8.06	Lorentz MC 4 connection	pair		20
8.07	2C 1.5mm single phase cable for Lorentz water level probes 500m drum	drum		1
8.08	Lorentz PS2 Input/Output Board	ea		4
8.09	Lorentz PS2 LED Board	ea		4
8.10	Lorentz PS2 Main Board - 600	ea		2
8.11	Lorentz PS2 Main Board - 1800	ea		4
8.12	Lorentz PS2 Power Board - 200 to 1800	ea		4
8.13	Lorentz PS2 - Manual Speed Control Kit	ea		4
8.14	Flow Sleeve Kit for Lorentz HRE pumps	ea		2
8.15	3" x 2" leather bucket (2-pk)	pair		40
8.16	1-3/8" leather bucket (2-pk)	pair		20
8.17	1-1/2" leather bucket (2-pk)	pair		40

Functional specifications

40 mm flowmeters with fittings (18 sets)

The Elster 40 mm V100 flowmeters (item 1.11) will be connected to 50mm PE branch lines and used to measure flowrates at groundwater gallery pump wells. All items are listed in order upstream to downstream and should connect to one another in the given sequence. The diagram accompanying the material list in the Annex to the Specification of Goods for the 40 mm flowmeters is similar and can be

used as a reference when adapting to the new requirements.

80 mm flowmeters with fittings (9 sets)

The Elster H4000 Woltman 80 mm Helix flowmeters (item 2.06) will be connected to either a 100 mm (3 ea) or 150 mm (6 ea) PVC mainline to measure bulk flowrates. The items are listed in order downstream to upstream and should connect to one another in the given sequence. The diagram accompanying the material list in the Annex to the Specification of Goods for the 80 mm flowmeters is the same as the list provided.

15 mm household flowmeters (10 PE and 10 PVC sets)

The 15 mm Honeywell V110 flowmeters (item 4.14 and 5.12) will be used as household meters. Two versions will be trialled: one with predominantly threaded PE fittings; and the other with solvent weld joint (SWJ) PVC fittings. The list provided comprises all fittings from a 50 mm PE or 100 mm PVC mainline through to the downstream (household) side of the meter configuration. Items are listed in order from upstream to downstream and should connect to one another in the given sequence. Schematics of both versions are provided in the 15 mm HH meters tab in the Annex to the Specification of Goods.

Pipe and fittings

Piping and fittings are required for approx. 1.1 km of 100 mm RRJ PVC pipework (item 6.02) to connect pump wells and an approx. 3.7 km of 150 mm RRJ PVC (item 6.01) transmission line. Pipe lengths should be 5.8 m or 6 m. Note that Kiritimati port does not accept 40 ft containers, so consideration should be made to ensure all piping can fit in a 20 ft shipping container. Unless specified otherwise, PVC pipe and fittings should be class 9, rubber rung jointed (RRJ).

Some PE adaptors have been included to replace old flowmeter connections.

10 km of marker tape (item 6.06) is required. Piping will be laid with minimum cover of 0.9 below roads and 0.6 m elsewhere. The marker tape laid at approx. 0.3 m above underground piping. Additional tape has been ordered for future reticulation works (materials to be procured in 2023).

The 200-micron plastic sheet (black builder's plastic) should be minimum 600 mm width (item 6.10). This will be laid over slotted gallery piping to limit sedimentation.

The well covers (item 6.11) and plugs (item 6.12) will be for new and existing boreholes and gallery end pipes. Suggested well covers are the 250mm OD Nondo Class E flush-mount groundwater well cover¹; and suggested plugs are the FieldTech well plug for 100 mm monitoring wells².

Equipment and tools

For trench sump water pump-out during gallery construction, 4 Flexdrive pump sets (item 7.01) are required, plus additional discharge hose (item 7.02) in case needed.

The concrete mixer (item 7.03) will be used for laying tank slabs, bore/well covers, fencepost footings, plus other concrete works. It will move using a crane truck or plant trailer.

An assortment of tools and toolboxes have been included. These will support both construction works

¹ <https://fieldtech.tech/product/200-nondo-class-e-groundwater-well-cover/>

² <https://fieldtech.tech/product/well-plugs-for-100mm-monitoring-wells/>

and day-to-day operations of the Water and Sanitation Division (WSD) on Kiritimati.

Solar and wind pump parts

WSD operate Lorentz solar pumps and Yellowtail wind pumps for Kiritimati's centralised water supply systems. Some solar controllers are out of order, and older PS-600 and PS-1800 controllers need to be replaced with the PS2-1800 controllers (item 8.03) to enable variable speed control via Bluetooth connection. Sometimes WSD are unable to connect to the pumps using the Bluetooth connection, therefore, new controllers should be fitted with a speed control dial to manually adjust the pump's RPM.

Wind pump leather buckets are needed for general maintenance purposes. More thorough rehabilitation of the existing wind pumps will be undertaken in 2023 and 2024.

Design and technical specifications

Please complete both tables in Annex 4. Technical Proposal Submission Form. In the second table (see excel file included as an Annex to the Technical Specifications), please enter any information about the proposed goods including any variations to the description provided.

- All pipe and fittings should be AS/NZS certified.
- Solar pump parts should all be genuine Lorentz parts.
- Tools and equipment must all be of high quality to cater for long-term and regular use in Kiritimati's warm, salty and highly corrosive environment.
- Cordless battery-operated tools and batteries are to all be of the same high-quality brand and suitable for Kiribati's 240V power supply.

Delivery requirements

The supplier will be responsible for delivering all items to Kiritimati Island port in Kiribati. SPC will facilitate customs clearance and pay associated destination charges.

Delivery should be as soon as possible, though no longer than seven months from contract signing. Ships normally travel to Kiritimati Island once every 3 months.

Delivery costs are to include shipping, export charges, insurance and other associated freight expenses to deliver to Kiritimati Island.

Items are to be packed and clearly labelled with the category they belong to as per the BoQ, e.g., "15mm household meter assemblies, PVC version (10 sets)".

Warranty requirements

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

Reporting arrangements

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

AS/NZS certifications for pipe, fittings and any other applicable items must also be provided prior to shipping.

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	Signing of contract	20%
2	Submission of freighting documents and applicable certifications	30%
3	Delivery, quality check and acceptance of goods on Kiritimati Island	50%
	TOTAL	100%

Annexes to the Specification of Goods

1. Annex to Specification of Goods – BoQ and supporting info

Part 4: PROPOSAL EVALUATION MATRIX

4.1 Competency Requirements & 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:

Competency Requirements	Score Weight (%)	Points obtainable
Mandatory requirements		
E-mail 1 (technical submission): <ol style="list-style-type: none"> The bidder will need to attach a brief (maximum 1 page) work schedule summarising the key activities and dates proposed to deliver the goods outlined in the Specification of Goods. Letter of application (Annex 1) Conflict of interest declaration (Annex 2) Completed Information about the bidder and due diligence form (Annex 3) Technical proposal submission Form (Annex 4) E-mail 2 (financial submission): <ol style="list-style-type: none"> Password protected Financial proposal submission for (Annex 5) 		Mandatory requirements. Bidders will be disqualified if these requirements are not met
Technical requirements		
Practical experience		
Evidence of at least 5 years' practical experience in supply of similar items (at least 2 contracts; contracts with SPC should also be included)	20%	140
Functional		
Compliance with functional requirements as stated in the Specification of Goods, including compatibility, availability, brand, quality and origin of goods	20%	140
Design and technical		
Compliance with design and technical requirements as stated in the Specification of Goods	40%	280
Delivery time		
Delivery to Kiritimati Island within seven months	10%	70
Delivery experience		
Proven experience shipping goods in the Pacific	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 goods 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 goods 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 Choose an item. 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 Choose an item 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 *[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 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
If 'No', please complete the form. If 'Yes', do you have any information to update?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'Yes', please complete the form. If 'No', sign directly the form without completing it			
1. Please provide information related to your entity.			
Company name	<i>[Enter company name]</i>	Address	<i>[Enter address]</i>
Director/CEO	<i>[Enter name of the executive person]</i>	Position	<i>[Enter position of the executive person]</i>
Business Registration/License number	<i>[Enter company registration/license number (or tax number)]</i>		
Date of business registration	<i>[Enter date of business registration]</i>		
Country of business registration	<i>[Enter country of business registration]</i>		
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: <i>[insert details]</i>			
2. Please provide the following documents (or any other relevant documents according to your national legislation) to verify the legal existence of the entity, the authority of its officer and proof of its address:			
<input type="checkbox"/> Evidence of the power of attorney or board resolution granted to the officer to transact business on its behalf or any other document delegating authority <input type="checkbox"/> Certificate of business registration/license <input type="checkbox"/> Memorandum, Articles or Statutes of Association <input type="checkbox"/> Telephone or electricity bill in the name of the entity <input type="checkbox"/> Bank statement bearing the name of the entity			
3. How many employees does your company and its subsidiaries have?		<i>[provide answer]</i>	
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
5. If 'no', what type of business insurance do you have?		<i>[provide answer]</i>	
6. Are you up to date with your tax and social security payment obligations?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
7. Is your entity regulated by a national authority?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If you answered 'yes', please specify the name:</i>		<i>[Insert name of the national regulation authority]</i>	
8. Is your entity a publicly held company?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
9. Does your entity have a publicly available annual report?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Please send SPC your audited financial statement from the last 3 financial years if available</i>			

DUE DILIGENCE			
10. Does your entity have foreign branches and/or subsidiaries?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>If you answered 'yes' to the previous question, please confirm the branches.</i>			
• 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
11. 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]		
12.If you answered 'yes' to any of the boxes in question 11, 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 you answered 'yes', please explain how:			[Provide explanation]		
13.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.					
14.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 of your officer in charge]		
If 'no', what process does your entity have in place to prevent and detect money laundering or terrorist financing activities?				[provide answer]	
15.Has your entity or any affiliated entity ever filed for bankruptcy?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
16.Have any of the entity's current or former directors or CEO filed for bankruptcy?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
17.Has your entity 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 you answered 'yes', please provide details:			[Provide details]		
18.Has the director or CEO of your entity 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 you answered 'yes', please provide details:			[Provide details]		

SOCIAL AND ENVIRONMENTAL RESPONSIBILITY (SER)

19.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.					
Does your Policy 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]		
20.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 of your officer in charge]		
If 'no', what process does your entity have in place to ensure your social and environmental responsibility?				[provide answer]	

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 Bidder's 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

INSTRUCTIONS TO BIDDERS

Please complete **both tables below** to support technical evaluation of bids.

Technical Requirements	
<i>Mandatory Requirements</i>	<i>Response by Bidder</i>
E-mail 1 (technical submission)	
Schedule: Please provide a brief (maximum 1 page) work schedule summarising the key activities and dates proposed to deliver the goods outlined in the Specification of Goods. <i>(Mandatory)</i>	Check if submitted with the technical proposal <input type="checkbox"/>
Letter of application: Annex 1	Check if submitted with the technical proposal <input type="checkbox"/>
Conflict of interest declaration: Annex 2	Check if submitted with the technical proposal <input type="checkbox"/>
Completed information about the bidder and due diligence form: Annex 3	Check if submitted with the technical proposal <input type="checkbox"/>
Technical proposal submission Form: Annex 4 – use Excel version attached or template below	Check if submitted with the technical proposal <input type="checkbox"/>
E-mail 2 (financial submission – password protected)	
Financial proposal submission: Annex 5 – please use Detailed and Summary templates in the attached	Check if password protected and submitted with separate the financial proposal <input type="checkbox"/>
Practical experience	
Evidence of at least 5 years' practical experience in supply of similar items (at least 2 contracts; contracts with SPC should also be included) (20%)	<i>[Bidder's answer]</i>
Functional	
Compliance with functional requirements as stated in the Specification of Goods, including compatibility, availability, brand, quality and origin of goods (20%)	<i>[Bidder's answer]</i>
Design and technical	
Compliance with design and technical requirements as stated in the Specification of Goods (40%)	<i>[Bidder's answer]</i>
Delivery time	
Delivery to Kiritimati Island within seven months (10%)	<i>[Bidder's answer]</i>
Delivery experience	
Proven experience shipping goods in the Pacific (10%)	<i>[Bidder's answer]</i>

Please complete the right-hand column in the technical specifications table below. **An excel version of this table is provided as an Annex to the Technical Proposal**, if useful.

#	Item	Unit	Qty per set	Total Qty	Responses by Bidder			
					Availability of Item	Alternative	Details about quality (brand, durability against environment and origin)	Estimated Lifetime
40mm flowmeter assemblies (18 sets)								
1.01	PE elbow 50mm	ea	1	18				
1.02	PE adaptor elbow 50mm x 2" F	ea	1	18				
1.03	PE Y-type strainer with SS basket 2" MM	ea	1	18				
1.04	PE threaded socket 50mm FF	ea	1	18				
1.05	PE riser 2" x 100mm TBE MM	length	1	18				
1.06	PE 2" threaded tee with 3/4" threaded offtake FFF	ea	1	18				
1.07	Lockable SS ball valve 3/4", at least one end male, master key to match all ball valve locks ordered	ea	1	18				
1.08	SS lock and key for ball valve	ea	1	18				
1.09	PE riser 2" x 450mm TBE MM	ea	1	18				
1.10	PE threaded socket 50mm FF	ea	1	18				
1.11	Elster 40mm V100 flowmeter with 50mm MM threaded connections	ea	1	18				
1.12	PE threaded socket 50mm FF	ea	1	18				
1.13	PE riser 2" x 300mm TBE MM	length	1	18				
1.14	PE check (non-return) valve 50mm brass FF	ea	1	18				
1.15	PE nipple 2" MM	ea	1	18				
1.16	PE adaptor elbow 50mm x 2" F	ea	1	18				
1.17	PE elbow 50mm	ea	1	18				
1.18	Polyethylene rectangular meter box approx. 600x350x300mm with base screw slots	ea	1	18				
1.19	Thread tape 10m pink	roll	2	36				
80mm flowmeter assemblies (9 sets)								

2.01	DICL flanged 90° bend 80mm	ea	1	9				
2.02	DICL 500mm flanged spool piece 80mm	ea	1	9				
2.03	DICL flanged 90° bend 80mm	ea	1	9				
2.04	DICL 500mm flanged spool piece 80mm	ea	1	9				
2.05	DICL non-thrust dismantling joint 80mm	ea	1	9				
2.06	Flanged Elster H4000 Woltman 80mm Helix flowmeter	ea	1	9				
2.07	DI (FBE coated) tapping band with 12.5mm BSP tapping F	ea	1	9				
2.08	SS ball valve 12.5mm MM	ea	1	9				
2.09	SS DN50 "WIKA" glycerine-filled pressure gauge, 500kPa max. pressure, with reducer to suit 12.5mm ball valve (listed above)	ea	1	9				
2.10	DICL 1000mm flanged spool piece 80mm	ea	1	9				
2.11	DICL flanged 90° bend 80mm	ea	1	9				
2.12	DICL 500mm flanged spool piece 80mm	ea	1	9				
2.13	DICL flanged 90° bend 80mm	ea	1	9				
2.14	Flanged gate valve 80mm	ea	1	9				
2.15	Polyethylene rectangular meter box approx. 600x350x300mm with base screw slots	ea	2	18				
2.16	Spare nuts, bolts and washers for flanged connections	set	1	9				
Mainline connections for 80mm flowmeter assemblies (3 x 100mm & 6 x 150mm)								
3.01	DICL flanged socket for 100mm PVC mains	ea	2	6				
3.02	DICL flanged reducer 100mm - 80mm	ea	2	6				
3.03	DICL flanged socket for 150mm PVC mains	ea	2	12				
3.04	DICL flanged reducer 150mm to 80mm	ea	2	12				
15mm household meter assemblies, PE version (10 sets)								
4.01	PE adaptor 20mm M	ea	1	10				

4.02	PE pipe PN9 20mm	m	18	180				
4.03	PE adaptor 20mm M	ea	1	10				
4.04	PE threaded elbow 20mm FF 90°	ea	1	10				
4.05	PE riser 20mm x 300mm MM	length	1	10				
4.06	PE threaded elbow 20mm FF 90°	ea	1	10				
4.07	PE reducing nipple 20mm x 15mm	ea	1	10				
4.08	Brass magnetic valve 15mm FF	ea	1	10				
4.09	Magnetic valve key	ea	0.2	2				
4.10	PE reducing nipple 20mm x 15mm	ea	1	10				
4.11	PE threaded socket 20mm FF	ea	1	10				
4.12	PE riser 20mm x 150mm MM	ea	1	10				
4.13	PE threaded socket 20mm FF	ea	1	10				
4.14	Honeywell V110 co-polymer resin 15mm water meter with 20mm MM connections	ea	1	10				
4.15	PVC threaded barrel union 20mm FF	ea	1	10				
4.16	PE riser 20mm x 100mm MM	length	1	10				
4.17	PE threaded elbow 20mm FF 90°	ea	1	10				
4.18	PE riser 20mm x 300mm MM	length	1	10				
4.19	PE faucet elbow 20mm F 90°	ea	2	20				
4.20	PVC plug 20mm	ea	1	10				
4.21	Thread tape 10m blue	roll	1	10				
4.22	Thread tape 10m pink	roll	2	20				
4.23	Polyethylene rectangular lockable meter box 600x350x300mm with base screw slots	ea	1	10				
4.24	SS dynabolts with lock nuts to secure meter box to slab	ea	6	60				
4.25	Key for meter box	ea	0.2	2				
15mm household meter assemblies, PVC version (10 sets)								
5.01	PVC valve socket 20mm x 3/4" M	length	1	10				
5.02	PVC pressure pipe SWJ 20mm 5.8m	ea	3	30				

5.03	PE elbow 20mm 90°	length	1	10				
5.04	PE faucet elbow 20mm F 90°	ea	1	10				
5.05	PE reducing nipple 20mm x 15mm	ea	1	10				
5.06	Brass magnetic valve 15mm FF	ea	1	10				
5.07	Magnetic valve key	ea	0.2	2				
5.08	PE reducing nipple 20mm x 15mm	ea	1	10				
5.09	PE threaded socket 20mm FF	ea	1	10				
5.10	PE riser 20mm x 150mm MM	ea	1	10				
5.11	PE threaded socket 20mm FF	ea	1	10				
5.12	Honeywell V110 co-polymer resin 15mm water meter with 20mm MM connections	ea	1	10				
5.13	PVC barrel union 20mm	length	1	10				
5.14	PE elbow 20mm 90°	length	1	10				
5.15	PE elbow 20mm 90°	ea	2	20				
5.16	PVC plug 20mm	roll	1	10				
5.17	Thread tape 10m blue	roll	1	10				
5.18	Thread tape 10m pink	ea	1	10				
5.19	Polyethylene rectangular lockable meter box 14" x 19" with base screw slots	ea	1	10				
5.20	SS dynabolts with lock nuts to secure meter box to slab	ea	6	60				
5.21	Key for meter box	length	0.2	2				
Pipe and fittings								
6.01	UPVC DN150 class 9 pipe 5.8m rubber ring jointed (RRJ)	length		710				
6.02	UPVC DN100 class 9 pipe 5.8m RRJ	length		200				
6.03	UPVC 150/100/150mm reducing tee junction RRJ	ea		4				
6.04	UPVC 150mm tee junction RRJ	ea		4				
6.05	UPVC 150 x 100mm reducing socket RRJ	ea		8				
6.06	Marker tape for underground pipelines - "DANGER, BURIED WATER MAIN BELOW" or similar	m		10,000				

6.07	PE 2" x 63mm PE reducing adaptor F (63mm F thread)	ea		4				
6.08	PE 2" x 50mm PE adaptor F	ea		8				
6.09	PE 2" x 50mm PE adaptor M	ea		8				
6.10	200 micron plastic sheet, min 600mm width	m		2,500				
6.11	250mm OD Class E groundwater well cover for 100mm boreholes; e.g. 200 Nondo Class E flush-mount groundwater well cover	ea		40				
6.12	100mm well plug; e.g. FieldTech well plug for 100mm monitoring wells	ea		10				
6.13	UPVC 100mm plain end cap	ea		20				
Equipment and tools								
7.01	Petrol 3" Flexdrive motor/pump with 9m Flexshaft, complete with 3" discharge hose (50m) and connectors to suit	set		4				
7.02	3" discharge hose (as per above)	m		100				
7.03	Diesel or petrol concrete mixer ≥ 350 L	ea		1				
7.04	Heavy duty aluminium checker plate toolbox min. 1200 x 500 x 450mm	pc		1				
7.05	Heavy duty aluminium checker plate toolbox min. 900 x 500 x 450mm	pc		1				
7.06	Padlock 40mm with same master key (to fit toolboxes above)	pc		4				
7.07	Cordless brushless hammer driver drill 18V	pc		1				
7.08	Cordless brushless impact driver 18V	pc		1				
7.09	Cordless brushless 185mm (7-1/4") circular saw 18V	pc		1				
7.10	Cordless brushless 125mm (5") angle grinder 18V	pc		1				
7.11	Cordless heat gun 18V with nozzles/accessories	pc		1				
7.12	18V battery for cordless tools	pc		4				

7.13	18V battery charger for cordless tools	pc		2				
7.14	185mm (7-1/4") circular saw blade	pc		2				
7.15	125mm (5") angle grinder cutting disc	pc		2				
7.16	Drill bit set ≥ 20pc, metric	set		1				
7.17	Impact driver bit set ≥ 20pc	set		1				
7.18	12V lithium-ion battery 20 - 100Ah (the smaller & lighter the better)	pc		2				
7.19	Socket set ≥ 25pc with ratchet, metric	set		1				
7.20	Screwdriver set ≥ 12pc	set		1				
7.21	Spanner set ≥ 15pc	set		1				
7.22	Bastard file ≥ 150mm	pc		1				
7.23	Hack saw 300mm	pc		2				
7.24	Hack saw blades	pc		10				
7.25	Hand saw ≥ 500mm	pc		2				
7.26	Double-sided step ladder ≥ 3m	pc		2				
7.27	Manual iron pipe threader with 1/2" to 2" dies, extension bars & ratchet	set		1				
7.28	Manual PVC pipe threader with 1/2", 3/4" and 1" dies	set		1				
7.29	Manual pipe/drain cleaning auger tool, ≥ 2m	pc		1				
7.30	Toilet plunger	pc		2				
7.31	Pipe cutter PVC & PE ≥ 50mm	pc		2				
7.32	Pipe wrench 300mm	pc		1				
7.33	Pipe wrench 450mm	pc		1				
7.34	Pipe wrench 600mm	pc		1				
7.35	Pipe wrench 900mm	pc		1				
7.36	Bench vice 150mm	pc		1				
7.37	Bench grinder 150mm (2-wheel)	pc		1				
7.38	Bench grinding wheel 150mm	pc		2				

7.39	Digital multimeter	pc		1				
7.40	Stud finder, rechargeable	pc		1				
7.41	Ultrasonic dog deterrent, rechargeable	pc		3				
7.42	Claw hammer ≥ 20oz	pc		4				
7.43	Rubber mallet ≥ 24oz	pc		1				
7.44	Sledgehammer ≥ 3.5kg	pc		1				
7.45	Wrecking bar ≥ 450mm	pc		1				
7.46	Crowbar ≥ 1500 x 25mm	pc		1				
7.47	Round-mouth shovel	pc		10				
7.48	Square-mouth shovel	pc		4				
7.49	Trenching shovel	pc		2				
7.50	Tin snips - straight cut	pc		1				
7.51	Tin snips - left cut	pc		1				
7.52	Tins snips - right cut	pc		1				
7.53	Rivet gun, heavy duty	pc		1				
7.54	Rivets, aluminium	pc		200				
7.55	Caulking gun	pc		2				
7.56	Silicone sealant clear	tube		4				
7.57	Silicone sealant white	tube		4				
7.58	Plumbing thread tape (blue)	roll		40				
7.59	Plumbing thread tape (pink)	roll		40				
Solar and wind pump parts								
8.01	Lorentz pump end PE HRE-14-2	ea		4				
8.02	Lorentz ECDrive 1800HRE 1.7kW motor	ea		6				
8.03	Lorentz PS 2-1800 Controller 1.8kVA fitted with manual speed control dial	ea		10				
8.04	Lorentz PV disconnect 440-40-2 (dual string)	ea		4				
8.05	Lorentz water level probe sensor	ea		6				
8.06	Lorentz MC 4 connection	pair		20				

8.07	2C 1.5mm single phase cable for Lorentz water level probes 500m drum	drum		1				
8.08	Lorentz PS2 Input/Output Board	ea		4				
8.09	Lorentz PS2 LED Board	ea		4				
8.10	Lorentz PS2 Main Board - 600	ea		2				
8.11	Lorentz PS2 Main Board - 1800	ea		4				
8.12	Lorentz PS2 Power Board - 200 to 1800	ea		4				
8.13	Lorentz PS2 - Manual Speed Control Kit	ea		4				
8.14	Flow Sleeve Kit for Lorentz HRE pumps	ea		2				
8.08	3" x 2" leather bucket (2-pk)	pair		40				
8.09	1-3/8" leather bucket (2-pk)	pair		20				
8.10	1-1/2" leather bucket (2-pk)	pair		40				
Delivery								
9.01	Delivery to Kiritimati Island port within 7 months	lump		1				

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 5: FINANCIAL PROPOSAL SUBMISSION FORM

1. All costs indicated on the Financial Proposal should be **exclusive** of all applicable taxes.
2. Please use the **templates provided in the excel Annex to the Financial Proposal**. The excel file has two tabs which must be completed and submitted with this Financial Proposal: (i) Detailed Financial Proposal; and (ii) Summary Financials. The template for the Summary Financials table is shown below.
3. **You must submit this Financial Proposal in a separate email to the technical proposal**. All prices in the proposal must be presented in AUD. Your Financial Proposal is to be password protected. SPC will request the password in the event that it is required.

FINANCIAL PROPOSAL SUMMARY TABLE

Item	Cost [AUD]
40mm flowmeter assemblies (18 sets)	\$
80mm flowmeter assemblies (9 sets)	\$
Mainline connections for 80mm flowmeter assemblies (3 x 100mm & 6 x 150mm)	\$
15mm household meter assemblies, PE version (10 sets)	\$
15mm household meter assemblies, PVC version (10 sets)	\$
Pipe and fittings	\$
Equipment and tools	\$
Solar and wind pump parts	\$
Delivery	\$
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.

Financial proposal checklist

- Detailed financial proposal submitted
- Summary financial proposal submitted

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]*

