



RFP 23-5858

REQUEST FOR PROPOSAL (RFP)

FOR GOODS

Project Title:	Managing Coastal Aquifers Project
Nature of the goods	Supply of Water Supply Pipe & Fittings, Construction Materials and Tools & Equipment
Location:	Nanumea Atoll Island, Tuvalu Wotje Atoll Island, Republic of the Marshall Islands
Date of issue:	31/10/2023
Closing Date:	12/12/2023
SPC Reference:	RFP23-5858

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Part 1: INTRODUCTION

1.1 About the Pacific Community (SPC)

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

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

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

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

1.2 SPC's procurement activities

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

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

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

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

1.3 SPC's Request for Proposal (RFP) Process

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

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

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

Part 2: INSTRUCTIONS TO BIDDERS

2.1 Background

SPC invites you to submit a bid to deliver the 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 (annexes of [Part 5](#) of the RFP):

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

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

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

You must submit your **Financial proposal** (Annex 5) in a separate email. All prices in the proposal must be presented in USD. 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 RFP23-5858**.

Your proposal must be received no later than **12/12/2023** by **11.45pm Fiji Time**. Only one bid per bidder is permitted.

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

SPC reserves the right to exclude from consideration any proposal not received by the deadline, with incomplete information or in incorrect form. Bidders may bid for individual lots under the designated packages outlined in section 3.

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 RFP23-5858**. The deadline for submission of clarifications is **29/11/2023** by **11.45PM Fiji Time**.

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

2.4 Evaluation

Validity

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

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

Technical

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

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

Pre-Bid Meeting

A Pre-bid Meeting will be arranged by SPC Procurement Team. The pre-bid meeting will be undertaken virtually. Bidders who are interested to attend the pre-bid meeting must register their attendance through the SPC procurement email (procurement@spc.int) by **4pm, Fiji Time on 12th November 2023**.

Financial

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

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

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

2.5 Contract award

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

SPC's [General Terms and Conditions of Contract](#) will apply to any contracts awarded under this RFP, unless otherwise agreed. Any requested changes to the General Terms and Conditions of Contract must be foreshadowed in the submission.

The award of the contract will be made by contract signed and dated by both parties. **SPC reserves the right to award the contract by individual lots under the designated packages.**

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	31/10/2023
Pre-Bid Meeting	15/11/2023
Deadline for seeking clarification	29/11/2023
RFP Closing Date	12/12/2023
Award of Contract	19/02/2024
Commencement of Contract	26/02/2024
Conclusion of Contract	19/07/2024

2.7 Legal and compliance

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

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

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

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

Currency, validity, duties, taxes: Unless specifically otherwise requested, all proposals should be in 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 Managing Coastal Aquifer Project (MCAP) is being implemented by the Pacific Community (SPC) in the small island developing states of Tuvalu, the Republic of Palau and the Republic of the Marshall Islands. These countries rely heavily on a hybrid system of groundwater and rainwater harvesting to meet their needs. Due to Climate Change and increased climate variability affecting seasonal rainfall the expected yield of its rainwater systems and recharge capability of its groundwater resources are heavily affected and are at greater risk of depletion depriving the population of this essential resource during prolonged periods of little to no rainfall.

The MCAP Project aims to achieve the following:

- Identify extents and threats to ground water resources.
- Develop potential ground water resources.
- Increase awareness of ground water as a water security supply source
- Provide options for improved access to ground water; and
- Improving aquifer protection and management.

These targets are aimed at increasing the Pacific Small Islands Developing states resilience to climate change and climate variability.

Details of the works for Tuvalu and the Republic of Marshall Islands are tabulated below:

Country	Location	Detail of Works
Tuvalu	Nanumea Atoll (Deliver to Funafuti Port)	<ul style="list-style-type: none"> • Ground Water Gallery construction consisting of a uPVC DN450 vertical pipe casing from which 2 x DN 150 uPVC slotted pipes will extend outwards in two directions forming the intake arms. • Concrete Construction of the Gallery Chamber together with the installation of lockable Access Hatch and pipe installation of the rising mains and necessary appurtenance. • Installation of a Solar Powered Borehole Pump complete with control unit, photovoltaic cells and support panels, well probe, check valve, cabling and pump support and necessary accessories. • Pipelaying of DN 100 mPVC RRJ pressure mains from Gallery Site to Community filling point complete with necessary bends and washout arrangements. • Construction of Concrete tank slab that will sit 4 x 10,000L PE tanks that will be located above ground complete with hold down/ tie points for securing tanks. • Installation of above ground DN 110 and DN 50 PE pipe and fittings that will form the PE tanks inlet pipe works complete with float valves for level control. • Installation of DN 75 PE pipe and fittings comprising of the PE tank outlets connecting to a common DN 75 PE pipe transitioning to a DN 80 DICL filling point for community access

		<ul style="list-style-type: none"> Items included under this RFP include Construction Materials, Pipes & Fittings, Tools and Equipment and Prefabricated Items required to complete the construction and development of the Nanumea Ground Water Gallery Project.
Republic of the Marshall Islands	Wotje Atoll (Deliver to Majuro Port)	<ul style="list-style-type: none"> Construction of a Ground Water Gallery Structure consisting of a uPVC DN450 vertical pipe casing from which 2 x DN 150 uPVC slotted pipes will extend outwards in two directions forming the intake arms. Concrete construction of Chamber top and above ground concrete apron upon which pipe works will be located on. Installation of a Solar Powered Borehole Pump complete with control unit, photovoltaic cells, and support panels, well probe, check valve, cabling and pump support and necessary accessories. Pipelaying of DN 100 mPVC RRJ pressure mains from Gallery Site to two community filling points delineated by the northern and southern pipelines. Construction of two Concrete tank slabs that will sit 2 x 5,000L PE tanks each that will be located above ground complete with hold down/ tie points for securing tanks. Installation of above ground DN 110 and DN 50 PE pipe and fittings that will form the PE tanks inlet pipe works complete with float valves for level control. Items included under this RFP include Construction Materials, Pipes & Fittings, Tools and Equipment require to complete and maintain the Wotje Ground Water Gallery project

The goods requested under this RFP are divided into Packages then further split into lots.

Bidders may choose to bid either in part (not all lots) or whole (all lots) depending on the packages or lots that best suit their respective business capability and experience. Bidders must include shipping costs to the identified port of delivery for the respective Packages.

Tabulated below are the details of packages and lots required under this RFP.

Lot No.	Materials / Goods	
1 . Nanumea Groundwater Gallery	1	Pipes
	2	Poly Fittings / Components
	3	uPVC Fittings
	4	Metallic Fittings
	5	Ductile Iron Fittings
	6	Timber
	7	Mechanical Fixings
	8	Building Materials
	9	Solar Pump & Accessories
	10	Consumables / Miscellaneous Items
	11	Tools & Equipment
	12	Personal Protective Equipment
	13	Prefabricated Items

		Other Charges
2. Wotje Groundwater Gallery	1	Pipes
	2	Poly Fittings / Components
	3	uPVC Fittings
	4	Metallic Fittings
	5	Ductile Iron Fittings
	6	Timber
	7	Mechanical Fixings
	8	Building Materials
	9	Solar Pump & Accessories
	10	Consumables / Miscellaneous Items
	11	Tools & Equipment
	12	Manhole Cover & Frame
		Other Charges

Technical specification

Lot 1 – Pipes (Nanumea & Wotje)

uPVC Pressure Pipes

uPVC Pressure pipes shall at a minimum conform with the following requirements:

- uPVC Pipes certified in accordance with AS/NZS 1477 – PVC Pipes and fitting for pressure applications.
- uPVC Pipes shall have a nominal working pressure of PN 9, unless otherwise stated.
- uPVC Pipes supplied under this proposal shall be Series 1

Polyethylene Pipes

Polyethylene Pipes shall at a minimum conform with the following requirements:

- Certified to AS/NZS 4130 – Polyethylene Pipe for Pressure Applications
- Compliant to AS 4020 – Products in Contact with Drinking Water
- PE Compound: PE100 (Unless otherwise Stated)
- Standard Dimension Ratio: 21
- Nominal Working Pressure Rating: PN 8 (Unless otherwise stated)
- Colour & Marking: Black Pipe with Blue Stripes
- Please refer to the Bill of Quantities for the specific criteria of pipes.

mPVC Pressure Pipes

mPVC Pressure Pipes shall at a minimum conform with the following requirements:

- mPVC Pipe certified in accordance with AS/NZS 4765 – Modified PVC (PVC-M) Pipes for Pressure Applications
- mPVC Pipes shall have a nominal working pressure of PN12, unless otherwise stated.
- mPVC Pipes supplied under this proposal shall be Series 2

Lot 2 – Poly Fittings / Components (Nanumea & Wotje)

Compression & Threaded Fittings

The Compression fittings must at a minimum conform with the following requirements:

- Compliant to AS/NZS 4129 – Fitting for Polyethylene (PE) Pipes for pressure application.
- Compliant to AS 4020 – Products in Contact with Drinking Water
- Where applicable Flanges shall comply with AS 2129 Table D Flanges
- Material: Polypropylene.
- Nominal Working Pressure Rating: PN 16 (Unless otherwise stated).
- Threaded Fittings made to AS ISO 7.1, ISO 7.1.
- Thread Type: British Standard Pipe (BSP) – Parallel.

Poly Screen Filter

The poly screen filter shall comply with the following:

- Nominal Size: DN 50
- Screen Filter Mesh Size: 100 Microns
- Maximum Flow Rate: 16m³/hr
- Thread Size: 2"
- Male Thread Type: BSP Thread – Parallel
- Maximum Operating Pressure: 8 Bar
- Screen filter to be supplied with flush valve.

Air Release Valve (Combination) Triple Action

The Air Release valve shall comply with the following:

- Air Valve Outlet Thread Type: British Standard Pipe (BPS) – Parallel.
- Nominal Working Pressure Rating: PN 16 (Unless otherwise stated)
- Temperature Range: 0°C to 80°C
- Inlet Size: 50mm
- Volume of Air Extracted: At least 238m³/hr at 5 PSI.

PE Rota Tank

The PE Rota Tank shall at a minimum comply with the following requirement:

- Compliant to AS/NZS 4129 – Fitting for Polyethylene (PE) Pipes for pressure application.
- Compliant to AS/NZS 4020 – Products in Contact with Drinking Water
- Material: Polypropylene.
- Nominal Working Pressure Rating: PN 16 (Unless otherwise stated).
- Threaded Fittings made to AS ISO 7.1ISO 7.1.
- Pre-Drilled Inlet & Outlet Thread Type: British Standard Pipe (BSP) – Parallel. (If Applicable)

Lot 3 – uPVC Fittings (Nanumea & Wotje)

uPVC Fittings

The uPVC Fittings must at a minimum comply with the following requirements:

- Certified to AS/NZS 1477– PVC Pipes and fittings for pressure applications.
- Compliant to AS/NZS 4020 – Products in Contact with Drinking Water
- Joint Types: Solvent Cement Joint (SCJ) (Unless otherwise stated)

Insect Proof Screens

- 0.955mm Stainless steel screen, moulded into a 100mm Male and Female PVC Fittings
- Complaint to AS/NZS 4020 – Products in Contact with Drinking Water

Lot 4 – Metallic Fittings (Nanumea & Wotje)

Stainless Steel Lockable Ball Valve

The Stainless-Steel lockable ball valve must at a minimum comply with the following requirements:

- Certified to AS/NZS 4020 – Products in contact with Drinking Water
- Materials: Stainless Steel 316
- Nominal Working Pressure Rating: 1000 PSI
- Style: 2 – piece full bore BSP leave Operated
- Thread Type: BSP – Parallel
- Ball Valve must have leaver handle with lockable device.

Float Valve

The Float Valve for as required under this bill of quantities must at a minimum comply with the following requirements:

- Certified to AS 1910 – Water Supply – Float control valves for use in a hot and cold water.
- Tested and certified in accordance with AS/NZS 4020 – testing of products for use in contact with drinking water.
- Thread type: BSP - Parallel
- Float Material: Plastic (Hot water rated to 95°C)

Multi Jet Water Meter

The Multi Jet Flow Meter must at a minimum comply with the following requirements:

- Compliant with ISO 4064 Class B
- Nominal Working Pressure Rating:
- In Built Internal Strainer & Check Valve
- Outlet Connector Size: 2" BSP Parallel Threaded
- Flow Parameters:
 - Qn - Nominal Flow = 15m³/hr
 - Qmax - Max. Flow = 30m³/hr
 - Qt - Transitional Flow = 3.0m³/hr
 - Qmin - Min Flow = 450l/hr

Tapping Band

The Tapping band must at a minimum comply with the following requirements:

- Certified to AS/NZS 4793 – Mechanical Tapping Bands for Waterworks Purposes
- Compliant to AS/NZS 4020 – testing of products for use in contact with drinking water.
- Allowable Operating Pressure: 1,600kPa
- Maximum Temperature: 40°C
- Compatible it mPVC Series 2 Pipe
- Bore size: 50mm.
- Bore Thread Type: BSP – Parallel

Lot 5 – Ductile Iron Fittings (Nanumea & Wotje)

Ductile Iron Fittings Specifications

The Ductile Iron Fittings must at a minimum comply with the following requirements.

- Certified to AS/NZS 2280 – Ductile Iron Pipes and Fittings
- Flange Drilling to AS/NZS 4087 B5 – Metallic Flanges for Waterworks Purposes

- Thermoset Polymetric Coating compliant to AS/NZS 4158 – Thermal-Bonded Polymetric Coatings
- Nominal Working Pressure Rating: PN 16 (Unless otherwise stated)

Resilient Seated Gate Valves

The Resilient Seated Gate valves as required under this bill of quantities must at a minimum comply with the following requirements:

- Manufactured and certified in accordance with AS/NZS 2638 – Gate Valves for Water Works Purposes Resilient Seated
- Gate Valves are to be flanged, flanged unless otherwise stated.
- Gate Valves are to have a nominal working pressure of PN 16
- Gate Valve Flanges are to be drilled to AS / NZS 4078 B5 Metallic Flanges for Water Works Purposes.
- Gate Valves are to be certified to AS / NZS 4020 – testing of products for use in contact with drinking water.

Underground Fire Hydrant

The Underground fire hydrant as required under the Bill of Quantities must at a minimum comply with the following requirements:

- According to NZS 4522 – Squat Model
- Flange Drilling according to AS/NZS 4087 B5– Metallic Flanges for Waterworks Purposes.
- Compliant to AS 4020 – Products in Contact with Drinking Water.
- Nominal Working Pressure Rating: PN16
- Thermoset Polymetric Coating compliant to AS/NZS 4158 – Thermal-Bonded Polymetric Coatings

Universal Straight Couplings

The Universal Straight Couplings as requested in the Bill of Quantities shall at a minimum comply with the following requirements:

- Certified to AS/NZS 4880 – Bolted Unrestrained Mechanical Couplings for Waterworks Purposes.
- Nominal Working Pressure Rating: PN 16.
- Min. Sealing Range: 109mm – 133mm.
- Angular deflection up to $\pm 3^\circ$ each side.
- Variable Coupling for use with Cast Iron, Ductile Iron, Steel, PVC-U, PVC-M, PVC-O, AC and Copper Pipes

Fully Restrained Multi fit Pipe Flange Adaptors

The Fully Restrained Multi Fit Pipe flange adaptors must at a minimum comply with the following requirements:

- Design according to EN 14525 – Ductile Iron Wide Tolerance Coupling and Flange Adaptors for use with pipes of different materials: ductile iron, gray iron, steel, uPVC, PE, Fibre Cement.
- Flanges comply with AS 4087 B5.
- Compliant with AS 4020 – Products in Contact with Drinking Water.
- Body and Locking ring of ductile iron EN 681-1 epoxy powder coated.
- Flexible Elastomer Gasket to EN 681-1
- Angle Compensation max: $\pm 4^\circ$
- Multi fit Pipe Flange Adaptor is to be supplied with supporting liner.
- Suitable for use on PE Pipe

Fully Restrained Multi fit Pipe Coupling

The Fully Restrained Multi Fit Pipe Coupling must at a minimum comply with the following requirements:

- Design according to EN 14525 – Ductile Iron Wide Tolerance Coupling and Flange Adaptors for use with pipes of different materials: ductile iron, gray iron, steel, uPVC, PE, Fibre Cement.
- Compliant with AS 4020 – Products in Contact with Drinking Water.
- Body and Locking ring of ductile iron EN-GJS-400 epoxy powder coated.
- Flexible Elastomer Gasket to EN 681-1 suitable for portable
- Angle Compensation max: $\pm 4^\circ$ (each side)
- Fully Restrained Multi Fit Pipe Coupling shall be supplied with supporting liner.
- Suitable for joining mPVC with PE Pipe

Woltmann Type Water Meter

Woltmann Type Water Meter must at a minimum comply with the following requirements:

- Compliant with ISO 4064 Class B
- Flange Drilling according to AS/NZS 4087 Table D – Metallic Flanges for Waterworks Purposes.
- Compliant to AS 4020 – Products in Contact with Drinking Water.
- Nominal Working Pressure Rating: PN16
- In Built Internal Strainer & Internal Check Valve
- Flow Parameters:
 - $Q_n \pm 5\%$ - Nominal Flow = 160m³/hr
 - $Q_{max} \pm 2\%$ - Max. Flow = 200m³/hr
 - $Q_t \pm 2\%$ - Transitional Flow = 2.05m³/hr
 - $Q_{min} \pm 5\%$ - Min Flow = 1.28m³/hr

Dressing Sets and Gaskets for Water Fittings

Dressing sets and gaskets for use in and with water fittings must at a minimum comply with the following requirements:

- Material: Stainless Steel 316 Marine Grade
- Nominal Working Pressure Rating: PN16
- Stainless Steel Bolts compliant with DIN 931
- Stainless Steel Nuts compliant with DIN 934
- Stainless Steel Washers compliant with DIN 125
- Certified to AS/NZS 4020 or WSA 109-2002
- Gasket Material: Reinforced EPDM approved for use with Portable Water
Reinforced EPDM approved for use with Portable Water.

Lot 6 – Timber (Nanumea & Wotje)

The Timber items must comply with the following requirements:

- All timber shall be of Pine treated to Class H3
- Timber must be treated in accordance with AS 1604.1 – Specification for preservative treatment.
- Non-Structural Plyboard must comply with AS/NZS 2271 – Plywood and blockboard for interior use.

Lot 7 – Mechanical Fixings

The Mechanical fittings required must at a minimum comply with the following requirements:

- Material: Zinc Plated to 5µm
- Designed in accordance with AS 5126 – Design of post installed and cast-in fastening in concrete.

Lot 8 – Building Materials (Nanumea & Wojte)

Cement, Reinforcement & Aggregates

At a minimum the building materials must comply with the following requirements:

- General Purpose Blended Cement certified to AS/NZS 3972
- Deform Bars certified to AS/NZS 4671 – Steel for reinforcement of concrete.
- Bar Chairs certified to AS/NZS 2425 – Bar Chair in Reinforced concrete.
- 20mm Aggregates to comply with AS 1141 – Methods of Sampling and Testing Aggregates & AS 2758.1 Aggregates and Rock for Engineering Purposes, Part 1 Concrete Aggregates.

Non-Woven Geotextile

The Non-Woven Geotextile as required under the bill of quantities must at a minimum comply with the following requirements:

- Mechanical Properties
 - Wide Strip Tensile Strength – 6.0 kN/m (as per AS 3706.2)
 - Wide Strip Toughness – 1.2 kJ/m² (as per AS 3706.2)
 - Wide Strip Elongation – 50% (as per AS 3706.2)
 - Grab Tensile Strength – 300 N (as per AS 3706.2)
 - Trapezoidal Tear Strength – 150 N (as per AS 3706.3)
- Hydraulic Properties
 - Pore Size (O_{95}) – 220µm (as per AS 3706.7)
 - Permittivity – $3.50s^{-1}$ (as per AS 3706.9)
 - Coefficient of Permeability – $43x 10^{-4}$ m/s (as per AS 3706.9)
 - Flow Rate at 100mm Head – 350 l/m²/sec (as per AS 3706.9)

Lot 9 – Solar Pump & Accessories (Nanumea & Wotje)

Submersible Solar Pump Set

The submersible solar pump set must meet at a minimum the following requirements:

Pump End

- Pump Head – 50m
- Pump Discharge – 5.5m³/hr
- Efficiency – Max. 65%
- Pump Material: Stainless Steel AISI 304/316

Pump Motor

- Maintenance-free brushless DC Motor
- Water Filled
- Material: AISI 304/316
- Rated Power: 1,7kW
- Motor Speed: 900 – 3,300 rpm
- Insulation Class: F
- Enclosure Class: IP68
- Submersion: max. 150mm

Controller Unit

- Controlling and Monitoring
- Control input for dry running protection, remote control, etc
- Protected against reverse polarity, overload and overtemperature.
- Integrated MPPT (Maximum Power Point Tracking
- Batter Operations: Integrated low voltage disconnects.
- Integrated sun sensor
- Power – Max. 1,8kW
- Input Voltage – Max. 200V
- Optimum Vmp > 102V
- Motor Current: max.14A
- Efficiency: max. 98%
- Ambient Temp: -40 - 50°C
- Enclosure Class: IP 68
- Control Unit must include 24hr timer.
- Control unit must have provision for grid & generator power connection (Secondary power source).

Lot 10 – Consumables / Miscellaneous Items (Nanumea & Wotje)

Where applicable the Consumables and Miscellaneous items required must comply with the following requirements:

- 4" Pressure Gauge:
 - Range & Scale: 0- 100 mH2o
 - Material: Copper Alloy Wetted Parts with Stainless Steel Casing
 - Outlet: 1' BSP – Parallel Thread
- Bactericidal Pipe Joint Lubricant
 - Compliant to ATS 5200.014 – Technical Specification for plumbing and drainage products, part 14: Joint Materials.
 - Certified to AS 4020 – testing of products for use in contact with drinking water.
- Solvent Cement & Priming Fluids for PVC (PVC-U and PVC-M) The solvent cement & priming fluids must be certified in accordance with AS/NZS 3879 – Solvent cements and priming fluids for PVC (PVC-U and PVC-M) and ABS Pipes and fittings.
- Rectangular Meter Box
 - Dimension: 492W x 271W x 316H
 - Load Capacity: Class A (AS 3996)
- Detectable Blue Marker Tape
 - Tape material: Polyethylene
 - Tape width: 100mm
 - Tape Colour: Blue
 - Text (Black): "Buried Water Mains Below"

Lot 11 – Tools & Equipment (Nanumea & Wotje)

Where applicable the tools and equipment requested must comply with the following requirements:

- 14 Piece Metric Ring & Open-Ended Spanners Sizes:

- 6mm, 7mm, 8mm, 9mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm and 19mm.
- 18" Aluminium Pipe Wrench
 - Size 450mm & Max Diameter – 76mm
- 48" Aluminium Pipe Wrench
 - Size 1200mm & Max Diameter – 205mm
- 28 Piece All Purpose Hole Saw Kit:
 - 3 x Pilot Bits, 3/8" Small Arbor, 1/2" Small Arbor, 7.16' Shank Large Quick-Change Arbor
 - Hole Saw Sizes: 19mm, 22mm, 25mm, 29mm, 32mm, 35mm, 38mm, 44mm, 51mm, 54mm, 57mm, 64mm, 67mm, 76mm, 83mm, 84mm, 92mm, 95mm, 102mm, 108mm, 114mm, 121mm.
 - For use on metal, nonferrous metal, aluminium, wood, wood with nails, plaster, and PVC.
- Li-ion Cordless Brushless 185mm (7") Circular Saw
 - Voltage: 36V (18V x 2)
 - No Load Speed: 6000rpm
 - Blade Diameter 185mm, Bore Diameter: 20mm.
 - Bevel Capacity: 0° - 56°
 - Cutting Capacity: @0° - 45.5mm, @45° - 45.5mm, @50° - 34mm
 - Length – 342mm
- 1200mm Spirit Level
 - Accuracy: ± 0.5mm/m
 - Reverse Position Accuracy: ± 0.75mm/m
 - Material Aluminium
 - Number of Measuring Surfaces: 2
- Li-ion Cordless Brushless 125mm (5") Angle Grinder
 - Voltage: 18V
 - Wheel Diameter: 125mm
 - No Load Speed: 125mm
- Li-ion SDS Cordless Brushless Rotary Hammer Drill
 - Voltage 18V
 - Drive Shank : SDS Plus
 - Impact Rate: 0-4700imp
 - Joules: 2.0J
 - No Load Speed: 0 – 950rpm
 - Max Capacity:
 - Concrete: 24mm
 - Steel: 13mm
 - Wood: 27mm
 - Vibration: 13.5m/s²
- Li-ion Cordless Driver Drill
 - Voltage : 18V
 - Max. lock torque: 84Nm
 - Max. Fastening Torque:
 - Low: 58Nm
 - Hard: 91Nm
 - No Load Speed
 - Hi: 0 - 2,000rpm
 - Highest: 0 – 400rpm
 - Capacity:

- Steel: 13mm
 - Wood: 76mm
- 5.5HP Petrol Drive Unit
 - Fitted with quick action coupling for quick and easy connection of a wide range of flexible shafts for submersible pumps and concrete vibrators fitted with 3 tooth drive coupling.
 - Max Rated Power: 5.5HP
 - Speed: 3,000rpm
 - Engine Type: Honda GX160
 - Isolation Mounts: No
 - Fuel Type: Petrol
 - Lifting Hook: Yes
- 9m Submersible Pump Attachment (General Trash Pump)
 - Fitted 3 Tooth Drive Coupling
 - Flex shaft Length: 9m
 - Shaft Inner Core Diameter: 13mm
 - Shaft Casing Diameter: 32mm
 - Discharge Diameter: 50mm
 - Max Discharge Head: 26mm
 - Max Discharge: 63,000L/hr
 - Solids Capacity: 28mm
- 30mm x 6m Flexshaft Steel Tip Concrete Vibrator
 - Fitted with 3 Tooth Drive Coupling
 - Nose Cap Type: steel
 - Vibrator Header Diameter: 30mm
 - Flexshaft Length: 6m
 - Shaft Inner Core Diameter: 8mm
 - Shaft Casing Diameter: 28mm
 - Frequency: 12600vib/min, 120Hz
- 100mm x 270mm Tamping Rammer
 - Max Rated Power: 3HP.
 - Engine: Honda GX100
 - Shoe Size: 270mm x 100mm
 - Fuel Type: Petrol
 - Jumping Stroke: 40 – 55mm
 - Impact Jumping Rate: 644 – 695 Blows/m.
 - Max Impact Force: 5.4kN
 - Average Travel Speed: 10 – 12m/min
 - Compaction Depth: 20 – 30cm
- 18V Dual Port Charge for Li-Ion Batteries
 - Voltage: 18V
 - Cell Capacity: 1.5 – 5.0Ah
 - Charge Time
 - 5.0Ah: 4.5mins
 - Built in CPU to determine optimum charging method.
 - Forced Air Cooling Fan
- Li-Ion 18V (5.0Ah) Batteries
 - Voltage: 18V
 - Amp Hours: 5.0 Ah
 - Cell Type: Lithium-Ion
 - Charging Time: 45mins

- 6.5kW 8KVA 4 Stroke Electric Start Generator.
 - Maximum Output: 6.5kW
 - Voltage: 240V
 - Frequency: 50Hz
 - Fuel Tank Capacity: 25L
 - Noise Level: 76dB
 - Starting Method: Electric Start with Battery
 - Continuous Running time: 7hrs
 - Min fuel Consumption: 313g/kW hr
 - Oil Tank Capacity: 1.1L
 - Engine Type: Air Cooling, 4 Stroke, OHV, Single Cylinder.

Lot 12 – Manhole Cover & Frame (Wotje Only)

The Manhole cover and frame must comply with the following requirements:

- Compliant with DIN EN 124
- Class – D400
- Material – EN – GJS
- Inclusive of string locking system
- Hinge to allow 120° position for inspection, 90° lifting position and blocking against unintentional closing of the cover.
- Manhole cover shall have an effective diameter of 660mm, Clear opening of 600mm diameter and overall diameter or 785mm.
- Total Frame height 100mm
- The Manhole is to also include provision for 2 x 63mm Dia openings through the cover with plugs provided for sealing.

Lot 12 – Personal Protective Equipment (Nanumea Only)

Personal Protective equipment must comply with the following requirements:

- Hi Viz Vest, compliant with AS/NZS 4602
- Vented Hard Hat Compliant with AS/NZS 1801
- Tinted Safety Glasses Compliant to AS/NZS 1337.1 – medium impact protection
 - Frameless wraparound lens.
 - Closed cell foam guard fitted for dust protection.
 - Black Frame with PC Lens, Gray 20& Category 2.
 - Reliable UV 400 Protection.
 - Anti-fog coating on both sides of lens.
 - Clip in design.

Lot 13 – Prefabricated Items (Nanumea Only)

Prefabricated Items shall meet at a minimum the requirements specifically mentioned in the description of the Bill of Quantities. Metal items shall be of Stainless-Steel Grade 316 or where otherwise stated must be finished with 2 coats of Resene Armourcote 515 HS with coat thickness of 100micron per coat or as approved by the engineer. Please refer to attached drawings Sheet No A007 & A009.

Delivery Requirements

Unless otherwise mutually agreed between the successful bidder and SPC in writing, the Items outlined in the Bill of Quantities shall be delivered to the following ports.

Package	Port of Delivery
No. 1 – Nanumea Groundwater Gallery	Funafuti Port
No. 2 – Wotje Groundwater Gallery	Majuro Port

The delivery of the above Packages must be completed by no later than Friday, 14th June, 2024.

If unable to meet this deadline than bidders to provide alternative delivery deadline.

The Contractor must provide CIF Pricing to port of delivery for the respective packages or lots.

Warranty Requirements (when applicable)

Items shall be supplied and delivered free from damage and or defects. The Supplier shall replace with requisite specification, products or items identified to have arrived with noticeable damage or defects

Reporting Arrangements

The successful bidder shall provide an update to SPC upon completion of the following milestones:

1. Complete Packing of Items
2. Confirmation of Shipping Schedule, including packing list and estimated time of arrival
3. Receipt of Bill of Landing, confirming package has been received at port of delivery.
4. Completion of Customs Clearance at port of Delivery

Details of the SPC's nominated contact person shall be determined upon contract agreement.

Scope of Bid Price and Schedule of Payments

The successful bidders will be paid in accordance with the following milestones.

The successful bidder is to provide the necessary shipping documentation to support its claims and for the release of payments in line with the milestones tabulated below.

Milestone/deliverables	% payment
Approval of packing/delivery schedule	20%
Receipt and approval of Bill of Landing and Shipping Documents	40%
Customer Clearance and Receipt of Goods within Funafuti International Port.	20%
Confirmation of SPC that Goods have been received and confirmed to be free of damage and defects	20%
TOTAL	100%

Annexes to the Specification of Goods

The full schedule of the Bill of Quantities together with the engineering drawings are provided within Annex A. It is expected that the bidders furnish proposals for the complete bill of quantities. Incomplete bids will not be considered for evaluation or award.

Part 4: PROPOSAL EVALUATION MATRIX

4.1 Evaluation criteria & Score Weight

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

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

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

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

Evaluation criteria	Score Weight (%)	Points obtainable
MANDATORY REQUIREMENTS		
E-mail 1: Annex 1 – Bidders letter of application signed. Annex 2 – Completed and signed conflict of interest declaration Annex 3 – Information about the bidder and due diligence Annex 4 – technical submission including: <ul style="list-style-type: none"> • Company’s valid business licence • demonstrate at least two similar services undertaken in the past ten years. • Technical data sheets , certificates of accreditation and product specification sheets E-mail 2: Annex 5 – financial submission (password protected)		Bidders will be disqualified if any of the requirements are not met
TECHNICAL REQUIREMENTS		
Quality and Origin of Materials & Fittings		
Bidders are to provide details of Item Brand, Country of Origin, Factory information and details of the business relationship with the manufacturer via official documentation to demonstrate such relationships as authorized distributors, retailers, backup/service providers, etc.	20%	140
Conformity to Technical Specification		
Proposed items are shown to adhere to the description outlined in the bill of quantities and documentation provided to deem that the proposed items comply with the respective technical specification outline in Section 3.	50%	350
Works Gantt Chart		
Bidders are to provide timeline for completion in the form of a Gantt chart,	20%	140

outlining time required for specific work activities where applicable that include but are not limited to, procurement, fabrication, packing, logistics, custom clearance at port of Delivery.		
Risk & Mitigation		
Bidders are to identify potential risks for supply and delivery of materials and fittings, likelihood of these risks and effective measures to mitigate these risks. A risk matrix is to be provided in the Annexures of the Technical Proposal.	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 *[Choose an item]* for the sum as may be ascertained in accordance with the Financial Proposal attached herewith and made part of this proposal.

We acknowledge that:

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

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

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

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

Signature:

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

Title: *[insert Title of the representative]*

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

Annex 2: CONFLICT OF INTEREST DECLARATION

INSTRUCTIONS TO BIDDERS

What is a conflict of interest?

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

Always declare a conflict

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

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

Declaration at any time

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

Declaration for any person involved

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

Failure

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

DECLARATION

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

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

In addition, I undertake to:

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

I acknowledge that I and/or my company and/or my business partners who are jointly and severally bidding on the RFP *[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 representative: *[insert name of the representative]*

Title: *[insert Title of the representative]*

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

Annex 3: INFORMATION ABOUT THE BIDDER AND DUE DILIGENCE

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

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

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

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

SOCIAL AND ENVIRONMENTAL RESPONSIBILITY (SER)

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

SUPPORTING DOCUMENTS (where relevant)

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

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

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

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

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

Signature:

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

Title: *[insert Title of the representative]*

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

Annex 4: TECHNICAL PROPOSAL SUBMISSION FORM

INSTRUCTIONS TO BIDDERS

The Technical Proposal Submission Form is a table that includes the technical criteria (set out in Part 3) on which bidders will be scored and allows the bidder to respond to them. This table is then used by the technical evaluation committee to score the technical proposals received.

Bidders may choose to bid either in part or whole depending on the packages or lots that best suit their respective business capability and experience. Bidders must include shipping costs to the identified port of delivery for the respective Packages.

Mandatory Requirements	
E-mail 1 (technical submission)	
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"/>
Valid Business Registration	Check if submitted with the technical proposal <input type="checkbox"/>
Technical Data Sheets	Check if submitted with the technical proposal <input type="checkbox"/>
Accreditation Certificates (Where Applicable)	Check if submitted with the technical proposal <input type="checkbox"/>
Product Specification Sheets	Check if submitted with the technical proposal <input type="checkbox"/>

Technical Requirements	
<i>Evaluation criteria</i>	<i>Response by Bidder</i>
Quality and Origin of Materials & Fittings	
Materials and accessories are to be supplied and manufactured to a high quality. The bidder shall provide information of the items brand, country of origin, factory information.	<i>[Bidder's answer]</i>
Bidders are to provide details of supply arrangements with manufacturers to demonstrate their relationship as licenced distributors or retailers.	<i>[Bidder's answer]</i>
Conformity to Technical Specification	
Proposed items adhere to the descriptions outlined in the Bill of Quantities	<i>[Bidder's answer]</i>
Proposed items are demonstrated to comply or exceed the technical specification provided by SPC. Compliance is to be proven by the submission of Items Specifications, Technical Data Sheets, or where applicable Accreditation Certificates issued by international recognised institutions to demonstrate compliance.	<i>[Bidder's answer]</i>

Works Gantt Chart	
Bidders are to provide timeline for completion in the form of a Gantt chart, outlining time required for specific work activities where applicable that include but are not limited to, procurement, fabrication, packing, logistics, custom clearance at port of Delivery.	<i>[Bidder's answer]</i>
Risk & Mitigation	
Bidders are to identify potential risks for supply and delivery of materials and fittings, likelihood of these risks and effective measures to mitigate these risks. A risk matrix is to be provided in the Annexures of the Technical Proposal.	<i>[Bidder's answer]</i>

Package 1 - Nanumea Ground Water Gallery Materials

Ref. No.	Lot 1 - Pipes	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.01.001	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have two DN 150 Sub Connections located 0.5m from depth open plain end of pipe on opposite sides with other end sealed (end cap or similar approved)</i>	Each	1				
P1.01.002	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 3m Segment. <i>Segment to have one end RRJ and other side plain ended</i>	Each	1				
P1.01.003	DN 150 uPVC Slotted Pipes Series 1, PN 9 (SWJ), 6m Lengths <i>Slotting pattern as follows: 5 Rows of Slots for Each Pipe Slot Width: 1.0mm Slot Spacing: 10mm Slot Length: 50mm</i>	Lengths	40				
P1.01.004	DN 100 uPVC Pressure Pipe Series 1, PN 6 (SWJ), 6m Lengths	Lengths	6				
P1.01.005	DN 20 uPVC Pressure Pipe Series 1 PN, 6m Length	Lengths	2				
P1.01.006	DN 50 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	200				
P1.01.007	DN 75 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	90				
P1.01.008	DN 110 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	150				
P1.01.009	DN 100 mPVC Pressure Pipe Series 2, PN 12 (RRJ), 6m Lengths	Lengths	270				

Ref. No.	Lot 2 - Poly Fittings / Components	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.02.001	DN 110 - 90 Degree Metric Compression Elbow	Each	8				
P1.02.002	DN 110 - 90 Degree Metric Compression Tee	Each	5				
P1.02.003	DN 110 x 2" BSP Metric Compression Female Adaptor	Each	10				
P1.02.004	DN 110 - Metric Slip / Repair Coupling	Each	5				
P1.02.005	DN 75 x DN 50 Metric Reducer	Each	1				
P1.02.006	DN 75 x 3" BSP Metric Compression Male Adaptor	Each	6				
P1.02.007	DN 75 - 90 Degree Metric Compression Elbow	Each	8				
P1.02.008	DN 75 - 90 Degree Metric Compression Tee	Each	4				
P1.02.009	DN 75 x 3" BSP 90 Degree Metric Compression Elbow	Each	1				
P1.02.010	DN 75 x 2" BSP 90 Degree Metric Compression Elbow	Each	2				
P1.02.011	DN 50 x 1 1/2" BSP Metric Compression Male Adaptor	Each	1				
P1.02.012	DN 50 x 2" BSP Metric Compression Male Adaptor	Each	12				
P1.02.013	DN 50 x 2" BSP Metric Compression Female Adaptor	Each	4				
P1.02.014	DN 50 x 2" BSP 90 Degree Metric Compression Male Elbow	Each	4				
P1.02.015	DN 50 x 2" BSP 90 Degree Metric Compression Female Elbow	Each	8				
P1.02.016	DN 50 - 90 Degree Metric Compression Elbow	Each	1				
P1.02.017	DN 50 - 90 Degree Metric Compression Tee	Each	2				
P1.02.018	DN 50 - 90 Degree Metric Tee with 2" Threaded Female Offtake	Each	4				
P1.02.019	DN 50 - Poly Screen Filter with 2" BSP Threaded Male Ends	No	3				
P1.02.020	DN 50 Air Release Valve (Combination) Triple Action with 2" BSP Male Threaded End	No	3				
P1.02.021	DN 50 Check Valve with 2" BSP Male Threaded Ends	No	3				
P1.02.022	4" x 3" BSP Threaded Poly Reducing Bush	No	1				
P1.02.023	3" x 3" BSP Male Threaded Nipple	No	4				

P1.02.024	2" x 2" BSP Threaded Poly Nipple	No	4			
P1.02.025	2" x 2" BSP Threaded Poly Socket	No	3			
P1.02.026	2" x 1" BSP Threaded Poly Reducing Bush	No	8			
P1.02.027	2" BSP Threaded Tee (Stainless Steel Reinforced)	No	3			
P1.02.028	3" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6			
P1.02.029	2" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6			
P1.02.030	1" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6			
P1.02.031	10,000L Capacity PE Rota Tank for Portable Water Supply	No	4			

Ref. No.	Lot 3 - uPVC Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.03.001	DN 150 uPVC Socket Coupler (SWJ)	Each	4				
P1.03.002	DN 150 UPVC Plain Ended End Cap (SWJ)	Each	2				
P1.03.003	100mm Extra High Tank Overflow Kit (Rainwater Harvesting). Kit to be supplied complete with 100mm Rubber Gasket, Extra High Tank Overflow, 100mm Insect Proof Screen & Stainless Steel Tank Fittings	Each	6				
P1.03.004	100mm High Flow Insect Proof Flap with Stainless-Steel Screen Moulded into a 4" Male and Female PVC Fittings	Each	6				
P1.03.005	100mm uPVC 90 Degree Elbow (SWJ)	Each	12				
P1.03.006	100mm uPVC Straight Coupling (SWJ)	Each	12				

Ref. No.	Lot 4 - Metallic Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.04.001	DN 80 Stainless Steel Lockable Ball Valve with 3" BSP Threaded Female Ends	No	5				
P1.04.002	DN 50 Multi jet Flow Meter with 2" BSP Male Threaded Connectors	No	1				
P1.04.003	DN 50 Float Valve with Brass Piston and Backing Nut (2" BSP Threaded End)	No	5				
P1.04.004	DN 50 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	7				
P1.04.005	DN 25 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	6				
P1.04.006	DN 25 Bib Tap	Each	6				
P1.05.009	DN 100 Tapping Band with 50mm BSP Bore	Each	1				

Ref. No.	Lot 5 - Ductile Iron Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.05.001	DN 100 x DN 80 Ductile Iron Concentric Reducer, PN 16, FL - FL	Each	1				
P1.05.002	DN 100 x 90 Degree Ductile Iron Bend, PN 16, FL - FL	Each	9				
P1.05.003	DN 100 x 45 Degree Ductile Iron Bend, PN 16, FL - FL	Each	1				
P1.05.004	DN 100 Ductile Iron All Equal Flanged Tee, PN 16	Each	1				
P1.05.005	DN 100 Resilient Seated Gate Valve, PN 16	Each	2				
P1.05.006	DN 100 Ductile Iron Flange Spigot Connector, PN 16, FL - FL	Each	10				
P1.05.007	DN 100 Fully Restrained, Multi-fit Pipe Coupling, PN 16, Complete with Liner (Sealing Range: 104 - 132mm)	Each	4				

P1.05.008	DN 100 Universal Straight Coupling, PN 16 (Sealing Range: 109 - 133mm)	Each	22				
P1.05.009	DN 100 Stainless Steel Dressing Set & Gasket, PN 16	Each	21				
P1.05.010	DN 80 x 1000mm Ductile Iron Flanged Spool, PN 16	Each	1				
P1.05.011	DN 80 x 500mm Ductile Iron Flanged Spool, PN 16	Each	1				
P1.05.012	DN 80 Fully Restrained Multi-fit Pipe Flange Adaptor (DN 80 Flange, DN65 Socket), PN 16, Complete with Liner. (Sealing Range 71 - 88mm)	Each	8				
P1.05.013	DN 80 Woltmann Type Water Meter, PN 16	Each	1				
P1.05.014	DN 80 Stainless Steel Dressing Set & Gasket, PN 16	Each	16				

Ref. No.	Lot 6 - Timber	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.06.001	150 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	10				
P1.06.002	75 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	38				
P1.06.003	50 x 50 Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	20				
P1.06.004	Marine Ply (2400 x 1200 x 6.5mm)	Sheet	12				
P1.06.005	Non-Structural Form seal Ply (2440 x 1220 x 18mm)	Sheet	32				

Ref. No.	Lot 7 - Mechanical Fixings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.07.001	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	No	8				
P1.07.002	M10 x 100mm Anchor Bolt Plus Sleeve Anchor Eye Bolt	No	20				
P1.07.003	M10 x 100mm Anchor Bolt Plus Sleeve Hex Nut Bolt	No	10				
P1.07.004	M16 x 100mm Anchor Bolt Plus Sleeve Anchor Hex Nut Bolt	No	30				
P1.07.005	U Bolt 18 x 1/2: with 6" Plate and Nut	No	12				
P1.07.006	2 Piece Stainless Steel Vertical Pipe Support for DN 50 Poly Pipe complete with fixings (Distance from Base to Pipe Invert - 300mm)	No	8				

Ref. No.	Lot 8 - Building Materials	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.08.001	General Purpose Blended Cement (40kg Bags)	No	198				
P1.08.002	Deform Bars Grade 500 High Tensile 12mm x 6m Lengths	Ton	2.7				
P1.08.003	200-micron Builders Plastic (1820mm x 60m)	Rolls	8				
P1.08.004	Non-Woven Geotextile (A14 Bidem or Approved Equivalent) 2000mm Width	Lm	210				
P1.08.005	River Sand	m3	11.5				
P1.08.006	5mm River Aggregate	m3	40				
P1.08.007	20mm Aggregates	m3	13.4				
P1.08.008	Bar Chair Slab-On-Ground 75/90mm	Each	3750				
P1.08.009	100mm Flat Head Bright	Kg	4				
P1.08.010	75mm Jolt Head Nails	Kg	9				
P1.08.011	Binding Wire 14 Gauge	Kg	6				

P1.08.012	Galvanised Pipe A Grade 20 x 1.6mm x 5.6 Light Plain End	Each	1				
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Ref. No.	Lot 9 - Solar Pump & Accessories	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.09.001	Submersible Solar Pump with Helical Rotar & 50m Pumping Head. The Pump Set is to be supplied complete with Motor Controller, and all associated fittings, including cabling for control unit, pump and PV Panel, accessories, well probe, check valve, pump support, PV Panels & Powder Coated Aluminium Fixed Angle Modular Solar Panel Frame as per the manufacture's specifications and requirements	Item	1				

Ref. No.	Lot 10 - Consumables / Miscellaneous Items	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.10.001	4" Pressure Gauge (Range 0 - 100) mH ₂ o Scale with Copper Alloy wetted parts & Stainless-Steel Casing. 1" BSP Threaded Male Outlet	Each	1				
P1.10.002	Detectable Blue Underground Marking Tape (Blue Background, "Danger" Buried Water Mains Below") 100mm Wide Tape	Lm	2200				
P1.10.003	Denso Tape	Roll	10				
P1.10.004	Bactericidal Pipe Joint Lubricant	Kg	10				
P1.10.005	DN 100 Spare Rubber Ring for RRJ Socket	Each	50				
P1.10.006	Thread Seal Tape 12mm x 0.08mm x 10m	Each	260				
P1.10.007	Tarpaulin 30 x 40ft Sliver 120 gsm	Each	4				
P1.10.008	PVC Solvent Cement (1L Container)	Litre	5				
P1.10.009	PVC Clear Primer	Litre	5				

P1.10.010	4" Paint Brush	Each	4			
P1.10.011	Rust Arrest Alkyd Anti-Corrosive Primer	Liter	2			
P1.10.012	12mm x 250m Nylon Rope	Coil	1			
P1.10.013	12mm x 20m PE Rope	Coil	4			
P1.10.014	String Line Reel with Rewind Hand Crank (3mm x 41m)	Each	5			
P1.10.015	Paint Roller Tray (285mm)	Each	6			
P1.10.016	Paint Roller Handle (230mm)	Each	6			
P1.10.017	Roller Sleeve 9" x 1/4"	Each	24			
P1.10.018	50mm High Security Solid Brass Padlock	No	2			
P1.10.019	Rectangular Meter Box, Heavy Duty. Min 425L x 225W x 315H	Each	2			
P1.10.020	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	Each	8			

Ref. No.	Lot 11 - Tools & Equipment	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.11.001	Valve T Key	Each	4				
P1.11.002	28" 6.2Kw Chainsaw	No	1				
P1.11.003	10" Machete	No	3				
P1.11.004	14 Piece Metric Ring & Open-End Spanner Set	Set	4				
P1.11.005	18" Aluminium Pipe Wrench	Each	4				
P1.11.006	48" Aluminium Pipe Wrench	Each	4				
P1.11.007	12" Adjustable Wrench (Max Opening 55mm)	Each	4				
P1.11.008	300mm Hack Saw	Each	4				
P1.11.009	300mm Hack Saw Blade	Each	12				
P1.11.010	1800mm x 25mm Hexagonal Crowbar	Each	15				
P1.11.011	Long Handle Plumbers Shovel	Each	15				

P1.11.012	Rotational Pipe Cutter (S-Type) 20 - 75mm	Each	4			
P1.11.013	Rotational Pipe Cutter Spare Blade 20 - 75mm	Each	4			
P1.11.014	Rotational Pipe Cutter (S-Type) 90 - 260mm	Each	4			
P1.11.015	Rotational Pipe Cutter Spare Blade 140/160mm	Each	4			
P1.11.016	Rasp File	Each	9			
P1.11.017	Flat File	Each	9			
P1.11.018	28 Piece All Purpose Hole Saw Kit	Set	2			
P1.11.019	Fiber Glass Shaft Claw Hammer	Each	5			
P1.11.020	Li-Ion Cordless Brushless 185mm (7") Circular Saw	Each	2			
P1.11.021	185mm Timber Saw Blade	Each	6			
P1.11.022	610mm (24") Wrecking Bar	Each	5			
P1.11.023	10m Measuring Tape	Each	5			
P1.11.024	300mm Stainless Steel Try Square	Each	5			
P1.11.025	Chalk Line Reel with Red Chalk	Each	6			
P1.11.026	1200mm Spirit Level	Each	4			
P1.11.027	10lb Sledgehammer with Graphite Handle	Each	4			
P1.11.028	14" Abrasive Cut Off Saw	Each	1			
P1.11.029	14" Cut Off Wheel	Each	5			
P1.11.030	Li-ion Cordless Brushless 125mm (5") Angle Grinder	Each	2			
P1.11.031	5" Grinding disc	Each	10			
P1.11.032	Li-ion SDS Brushless Rotary Hammer Drill	Each	2			
P1.11.033	Li-Ion Cordless Driver Drill	Each	2			
P1.11.034	400mm SDS Pointed Chisel	Each	4			
P1.11.035	18mm x 250mm SDS Concrete Drill Bit	Each	4			
P1.11.036	14mm x 210mm SDS Concrete Drill Bit	Each	4			
P1.11.037	12mm x 210mm SDS Concrete Drill Bit	Each	4			
P1.11.038	20mm x 250mm SDS Flat Chisel	Each	4			
P1.11.039	500L Capacity Concrete Mixer	Each	1			
P1.11.040	5.5 HP Petrol Drive Unit	Each	2			
P1.11.041	9m Submersible Pump Attachment (General Trash Pump)	Each	2			

P1.11.042	2" x 30m lay Flat Hose with 2" Female Camlock and Hose Clip to match Submersible Pump Outlet	Each	2			
P1.11.043	30mm x 6m Flexshaft Steel Tip Concrete Vibrator	Each	2			
P1.11.044	Clamped Handle Concrete Screed	Each	4			
P1.11.045	500mm Concrete Place Push Rake	Each	4			
P1.11.046	280mm x 120mm Square Trowel	Each	4			
P1.11.047	355mm x 100mm Pointed Trowel	Each	4			
P1.11.048	100mm x 270mm Tamping Rammer	Each	2			
P1.11.049	2750mm - 5000mm Telescoping Aluminium Handle	Each	4			
P1.11.050	Wheelbarrow 100L Capacity	Each	6			
P1.11.051	5.5kVA Single Phase Generator	Each	2			
P1.11.052	4T 4m Round Lifting Sling	Each	2			
P1.11.053	16 kg Demolition Hammer	Each	1			
P1.11.054	30mm Hex 700mm Bull Point Demolition Drill Bit	Each	5			
P1.11.055	150kg Aluminium Double Sided Step Ladder (Closed Dimensions: 2760mm x 680mm x 195mm, Open Dimension: 2615mm x 1810mm x 210mm)	Each	1			
P1.11.056	18V Dual Port Charger for Li-Ion Batteries	Each	3			
P1.11.057	Li-Ion 18V (5.0Ah) Batteries	Each	14			
P1.11.058	30m Heavy Duty Extension Lead	Each	4			
P1.11.059	6.5kW 8KVA 4 Stroke Electric Start Generator	Each	1			
P1.11.060	Jerry Can 20L White with Red Lid	Each	10			
P1.11.061	Toolbox	Each	6			

Ref. No.	Lot 12 - Personal Protective Equipment	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.12.001	XXL Hi Viz Vest Compliant with AS/NZS 4602	Each	18				
P1.12.002	Tinted Safety Glasses	Each	18				
P1.12.003	Caution Black on Yellow Tape (100m x 75mm)	Roll	4				
P1.12.004	Orange Barrier Mesh 1m x 50m (8kg)	Roll	4				
P1.12.005	Vented Hard Hat with Ratchet Harness - White (to AS/NZS 1801)	Each	18				
P1.12.006	Shade Halo Plastic Hard Hat Brim - Orange	Each	18				

Ref. No.	Lot 13 - Prefabricated Items	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.13.001	Pump Lifting Rail, (50mm Dia x 3.2mm Thick Galvanised Pipe welded to 10mm thick MS Plate on both ends of pipe with 4 affixed to Wall by 4 x M10 x 100mm Long Anchor Bolts, Overall 1m length) (Please Refer to Attached Drawings, Sheet A007)	Item	1				
P1.13.002	Prefabricated Aluminium Chamber Access Hatch with provision for locking, opening 1500mm x 1000mm complete with recessed locking provision and hinge system). All metallic surfaces to be finished with Resene Armourcote 515 HS fast drying epoxy or approved equivalent, applied in 2 coats at 100-micron thickness per coat (Please Refer to Attached Drawings, Sheet A009)	Item	1				

Package 2 - Wotje Ground Water Gallery Materials

Ref. No.	Lot 1 - Pipes	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.01.001	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have two DN 150 Sub Connections located 0.5m from depth open plain end of pipe on opposite sides with other end sealed (end cap or similar approved)</i>	Each	1				
P2.01.002	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have one end RRJ and other side plain ended</i>	Each	1				
P2.01.003	DN 150 uPVC Slotted Pipes Series 1, PN 9 (SWJ), 6m Lengths. <i>Slotting pattern to be as follows: 5 Rows of Slots for Each Pipes Slot Width: 1.0mm Slot Spacing: 10mm Slot Length: 50mm</i>	Lengths	40				
P2.01.004	DN 100 uPVC Pressure Pipe Series 1, PN 6 (SWJ), 6m Lengths	Lengths	6				
P2.01.005	DN 20 uPVC Pressure Pipe Series 1 PN, 6m Length	Lengths	2				
P2.01.006	DN 50 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	200				
P2.01.007	DN 63 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	10				
P2.01.008	DN 75 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	50				
P2.01.009	DN 110 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	150				
P2.01.010	DN 100 mPVC Pressure Pipe Series 2, PN 12 (RRJ), 6m Lengths	Lengths	205				

Ref. No.	Lot 2 - Poly Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.02.001	DN 110 - 90 Degree Metric Compression Elbow	Each	8				
P2.02.002	DN 110 - 90 Degree Metric Compression Tee	Each	5				
P2.02.003	DN 110 x 2" BSP Metric Compression Female Adaptor	Each	10				
P2.02.004	DN 110 - Metric Slip / Repair Coupling	Each	5				
P2.02.005	DN 75 x DN 50 Metric Reducer	Each	1				
P2.02.006	DN 75 x 3" BSP Metric Compression Male Adaptor	Each	6				
P2.02.010	DN 50 x 1 1/2" BSP Metric Compression Male Adaptor	Each	1				
P2.02.011	DN 50 x 2" BSP Metric Compression Male Adaptor	Each	12				
P2.02.012	DN 50 x 2" BSP Metric Compression Female Adaptor	Each	1				
P2.02.013	DN 50 x 2" BSP 90 Degree Metric Compression Male Elbow	Each	1				
P2.02.014	DN 50 x 2" BSP 90 Degree Metric Compression Female Elbow	Each	5				
P2.02.015	DN 50 - 90 Degree Metric Compression Elbow	Each	4				
P2.02.016	DN 50 - Poly Screen Filter with 2" BSP Threaded Male Ends	No	3				
P2.02.017	DN 50 Air Release Valve (Combination) Triple Action with 2" BSP Male Threaded End	No	3				
P2.02.018	DN 50 Check Valve with 2" BSP Male Threaded Ends	No	3				
P2.02.019	4" x 3" BSP Threaded Poly Reducing Bush	No	1				
P2.02.021	2" x 2" BSP Threaded Poly Nipple	No	4				
P2.02.022	2" x 2" BSP Threaded Poly Socket	No	3				
P2.02.023	2" x 1" BSP Threaded Poly Reducing Bush	No	1				
P2.02.024	2" BSP Threaded Tee (Stainless Steel Reinforced)	No	3				
P2.02.025	2" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6				

P2.02.026	1" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6				
P2.02.027	5,000L Capacity PE Rota Tank for Portable Water Supply	No	4				

Ref. No.	Lot 3 - uPVC Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.03.001	DN 150 uPVC Socket Coupler (SWJ)	Each	4				
P2.03.002	DN 150 UPVC Plain Ended End Cap	Each	2				
P2.03.003	100mm Extra High Tank Overflow Kit (Rainwater Harvesting). Kit to be supplied complete with 100mm Rubber Gasket, Extra High Tank Overflow, 100mm Insect Proof Screen & Stainless-Steel Tank Fittings	Each	6				
P2.03.004	100mm High Flow Insect Proof Flat with Stainless Steel Screen Moulded into a 4" Male and Female PVC Fittings	Each	6				
P2.03.005	100mm uPVC 90 Degree Elbow	Each	12				
P2.03.006	100mm uPVC Straight Coupling	Each	12				

Ref. No.	Lot 4 - Metallic Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.04.001	DN 50 Multi jet Flow Meter with 2" BSP Male Threaded Connectors	No	1				
P2.04.002	DN 50 Float Valve With Brass Piston and Backing Nut (2" BSP Threaded End)	No	5				
P2.04.003	DN 50 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	7				

P2.04.004	DN 25 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	6				
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Ref. No.	Lot 5 - Ductile Iron Fittings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.05.001	DN 100 x DN 80 Ductile Iron Concentric Reducer, PN 16, FL - FL	Each	1				
P2.05.002	DN 100 x 90 Degree Ductile Iron Bend, PN 16, FL - FL	Each	3				
P2.05.003	DN 100 x 45 Degree Ductile Iron Bend, PN 16, FL - FL	Each	4				
P2.05.004	DN 100 x 11.25 Degree Ductile Iron Bend, PN 16, FL - FL	Each	1				
P2.05.005	DN 100 Ductile Iron All Equal Flanged Tee, PN 16	Each	3				
P2.05.006	DN 100 Resilient Seated Gate Valve, PN 16	Each	6				
P2.05.007	DN 100 Ductile Iron Flange Spigot Connector, PN 16, FL - FL	Each	28				
P2.05.008	DN 100 Fully Restrained, Multi-fit Pipe Coupling, PN 16, Complete with Liner (Sealing Range: 104 - 132mm)	Each	4				
P2.05.009	DN 100 Universal Straight Coupling, PN 16 (Sealing Range: 109 - 133mm)	Each	38				
P2.05.010	DN 100 Tapping Saddle with 50mm BSP Bore	Each	1				
P2.05.011	DN 100 Stainless Steel Dressing Set & Gasket, PN 16	Each	42				
P2.05.012	DN 80 Fully Restrained Multi-fit Pipe Flange Adaptor (DN 80 Flange, DN65 Socket), PN 16, Complete with Liner. (Sealing Range 71 - 88mm)	Each	5				
P2.05.013	DN 80 Stainless Steel Dressing Set & Gasket, PN 16	Each	5				

Ref. No.	Lot 6 - Timber	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.06.001	150 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	10				
P2.06.002	75 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	38				
P2.06.003	50 x 50 Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	20				
P2.06.004	Marine Ply (2400 x 1200 x 6.5mm)	Sheet	12				
P2.06.005	Non-Structural Form seal Ply (2440 x 1220 x 18mm)	Sheet	32				

Ref. No.	Lot 7 - Mechanical Fixings	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P1.07.001	M10 x 100mm Anchor Bolt Plus Sleeve Anchor Eye Bolt	No	18				
P1.07.002	U Bolt 18 x 1/2: with 6" Plate and Nut	No	18				
P1.07.003	2 Piece Stainless Steel Vertical Pipe Support for DN 50 Poly Pipe complete with fixings (Distance from Base to Pipe Invert - 300mm)	No	8				

Ref. No.	Lot 8 - Building Materials	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.08.001	General Purpose Blended Cement (40kg Bags)	No	198				
P2.08.002	Deform Bars Grade 500 High Tensile 12mm x 6m Lengths	Ton	2.7				
P2.08.003	200 micron Builders Plastic (1820mm x 60m)	Rolls	8				
P2.08.004	Non-Woven Geotextile (A14 Bidem or Approved Equivalent) 2000mm Width	Lm	210				
P2.08.005	5mm River Aggregate	m3	40				
P2.08.006	River Sand	m3	12.22				
P2.08.007	20mm Aggregates	m3	13.45				
P2.08.008	AP 40 Aggregates	m3	1.8				
P2.08.009	Bar Chair Slab-On-Ground 75/90mm	Each	3850				
P2.08.010	100mm Flat Head Bright	Kg	2				
P2.08.011	75mm Jolt Head Nails	Kg	14				
P2.08.012	Binding Wire 14 Gauge	Kg	5				
P2.08.013	Galvanised Pipe A Grade 20 x 1.6mm x 5.6 Light Plain End	Each	1				

Ref. No.	Lot 9 - Solar Pump & Accessories	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.09.001	Submersible Solar Pump with Helical Rotar & 50m Pumping Head. The Pump Set is to be supplied complete with Motor Controller, and all associated fittings, including cabling for control unit, pump and PV Panel, accessories, well probe, check valve, pump support, PV Panels & Power Coated Aluminium Fixed Angle Modular Solar Panel Frame as per the manufacture's specifications and requirements	Item	1				

Ref. No.	Lot 10 - Consumables / Miscellaneous Items	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.10.001	4" Pressure Gauge (Range 0 - 100) mH ₂ o Scale with Copper Alloy wetted parts & Stainless-Steel Casing. 1" BSP Threaded Male Outlet	Each	1				
P2.10.002	Detectable Blue Underground Marking Tape (Blue Background, "Danger" Buried Water Mains Below") 100mm Wide Tape	Lm	1000				
P2.10.003	Denso Tape	Roll	10				
P2.10.004	Bactericidal Pipe Joint Lubricant	Kg	10				
P2.10.005	DN 100 Spare Rubber Ring for RRJ Socket	Each	50				
P2.10.006	Thread Seal Tape 12mm x 0.08mm x 10m	Each	260				
P2.10.007	Tarpaulin 30 x 40ft Sliver 120 gsm	Each	4				
P2.10.008	PVC Solvent Cement (1L Container)	Litre	5				
P2.10.009	PVC Clear Primer	Litre	5				
P2.10.010	4" Paint Brush	Liter	4				
P2.10.011	Rust Arrest Alkyd Anti-Corrosive Primer	Liter	2				
P2.10.012	12mm x 250m Nylon Rope	Coil	1				
P2.10.013	12mm x 20m PE Rope	Coil	4				
P2.10.014	String Line Reel with Rewind Hand Crank (3mm x 41m)	Each	5				
P2.10.015	Paint Roller Tray (285mm)	Each	6				
P2.10.016	Paint Roller Handle (230mm)	Each	6				
P2.10.017	Roller Sleeve 9" x 1/4"	Each	24				
P2.10.018	50mm High Security Solid Brass Padlock	No	2				
P2.10.019	Rectangular Meter Box, Heavy Duty. Min 492L x 271W x 316H	Each	2				
P2.10.020	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	Each	8				

Ref. No.	Lot 11 - Tools & Equipment	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.11.001	Valve T Key	Each	2				
P2.11.002	14 Piece Metric Ring & Open-End Spanner Set	Set	2				
P2.11.003	18" Aluminium Pipe Wrench	Each	2				
P2.11.004	48" Aluminium Pipe Wrench	Each	2				
P2.11.005	12" Adjustable Wrench (Max Opening 55mm)	Each	2				
P2.11.006	300mm Hack Saw	Each	2				
P2.11.007	300mm Hack Saw Blade	Each	10				
P2.11.008	1800mm x 25mm Hexagonal Crowbar	Each	5				
P2.11.009	Long Handle Plumbers Shovel	Each	5				
P2.11.010	Rasp File	Each	4				
P2.11.011	Flat File	Each	4				
P2.11.012	Toolbox	Each	2				

Ref. No.	Lot 12 - Manhole Cover & Frame	Unit	Qty	Availability of Item in Stock	Alternative	Details about Quality (Incl. Brand, Durability against Environment & Origin)	Estimated Lifetime
P2.12.001	DN 600mm Ductile Iron Lockable Manhole Cover Complete with frame system, D400 loading class. The Manhole covering shall have 2 openings of 63mm Dia meter to account for external pipework	Item	1				
P2.12.002	25mm x 3.2mm x 1m Long Galvanised Pipe	Item	1				
P2.12.003	Universal Opening Bar (Compatible with P2.10.001)	Each	4				

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

Signature:

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

Title: *[insert Title of the representative]*

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

Annex 5: FINANCIAL PROPOSAL SUBMISSION FORM

INSTRUCTIONS TO BIDDERS

In their financial proposal, bidders should detail as much as possible the price requested in response to the technical specifications.

Wherever possible, the unit prices of the individual goods should be indicated, followed by the total amount (including any additional services and any other costs associated with the delivery of the goods).

Good detail in their financial proposal helps bidders to give clarity and transparency to their proposal and makes it easier for SPC to score the proposals received.

The contract to be concluded with the selected bidder must mention all the costs incurred for the execution of the assignment entrusted to him (including insurance, packaging, delivery costs, unloading, etc., where applicable). No additional costs can be claimed from SPC after the contract has been signed.

Bidders must also mention any special conditions relating to the amount of their proposal or the terms of payment.

The financial proposal must be submitted inclusive of taxes in accordance with the applicable legislation. However, the final amount of the awarded contract may be paid to the successful bidder inclusive or exclusive of taxes, depending on the tax exemptions enjoyed by SPC as an intergovernmental organisation in its member countries and territories.

The following form is given as an indication, the bidder may submit its financial proposal to SPC in another format, provided that it complies with the instructions detailed in this RFP/RFQ and in particular:

Bidders may choose to bid either in part or whole depending on the packages or lots that best suit their respective business capability and experience. Bidders must include shipping costs to the identified port of delivery for the respective Packages.

Bidders are to provide CIF Pricing for the respective Package or Lots

BIDDER'S FINANCIAL PROPOSAL – GOODS

Package 1 - Nanumea Ground Water Gallery Materials					
Ref. No.	Lot 1 - Pipes	Unit	Qty	Rate	Total
P1.01.001	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have two DN 150 Sub Connections located 0.5m from depth open plain end of pipe on opposite sides with other end sealed (end cap or similar approved)</i>	Each	1		
P1.01.002	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 3m Segment. <i>Segment to have one end RRJ and other side plain ended</i>	Each	1		
P1.01.003	DN 150 uPVC Slotted Pipes Series 1, PN 9 (SWJ), 6m Lengths <i>Slotting pattern as follows: 5 Rows of Slots for Each Pipe Slot Width: 1.0mm Slot Spacing: 10mm Slot Length: 50mm</i>	Lengths	40		
P1.01.004	DN 100 uPVC Pressure Pipe Series 1, PN 6 (SWJ), 6m Lengths	Lengths	6		
P1.01.005	DN 20 uPVC Pressure Pipe Series 1 PN, 6m Length	Lengths	2		
P1.01.006	DN 50 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	200		
P1.01.007	DN 75 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	90		
P1.01.008	DN 110 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	150		
P1.01.009	DN 100 mPVC Pressure Pipe Series 2, PN 12 (RRJ), 6m Lengths	Lengths	270		
Total Lot 1 - Pipes					
Ref. No.	Lot 2 - Poly Fittings / Components	Unit	Qty	Rate	Total
P1.02.001	DN 110 - 90 Degree Metric Compression Elbow	Each	8		
P1.02.002	DN 110 - 90 Degree Metric Compression Tee	Each	5		
P1.02.003	DN 110 x 2" BSP Metric Compression Female Adaptor	Each	10		
P1.02.004	DN 110 - Metric Slip / Repair Coupling	Each	5		
P1.02.005	DN 75 x DN 50 Metric Reducer	Each	1		
P1.02.006	DN 75 x 3" BSP Metric Compression Male Adaptor	Each	6		
P1.02.007	DN 75 - 90 Degree Metric Compression Elbow	Each	8		
P1.02.008	DN 75 - 90 Degree Metric Compression Tee	Each	4		
P1.02.009	DN 75 x 3" BSP 90 Degree Metric Compression Elbow	Each	1		
P1.02.010	DN 75 x 2" BSP 90 Degree Metric Compression Elbow	Each	2		
P1.02.011	DN 50 x 1 1/2" BSP Metric Compression Male Adaptor	Each	1		

P1.02.012	DN 50 x 2" BSP Metric Compression Male Adaptor	Each	12		
P1.02.013	DN 50 x 2" BSP Metric Compression Female Adaptor	Each	4		
P1.02.014	DN 50 x 2" BSP 90 Degree Metric Compression Male Elbow	Each	4		
P1.02.015	DN 50 x 2" BSP 90 Degree Metric Compression Female Elbow	Each	8		
P1.02.016	DN 50 - 90 Degree Metric Compression Elbow	Each	1		
P1.02.017	DN 50 - 90 Degree Metric Compression Tee	Each	2		
P1.02.018	DN 50 - 90 Degree Metric Tee with 2" Threaded Female Offtake	Each	4		
P1.02.019	DN 50 - Poly Screen Filter with 2" BSP Threaded Male Ends	No	3		
P1.02.020	DN 50 Air Release Valve (Combination) Triple Action with 2" BSP Male Threaded End	No	3		
P1.02.021	DN 50 Check Valve with 2" BSP Male Threaded Ends	No	3		
P1.02.022	4" x 3" BSP Threaded Poly Reducing Bush	No	1		
P1.02.023	3" x 3" BSP Male Threaded Nipple	No	4		
P1.02.024	2" x 2" BSP Threaded Poly Nipple	No	4		
P1.02.025	2" x 2" BSP Threaded Poly Socket	No	3		
P1.02.026	2" x 1" BSP Threaded Poly Reducing Bush	No	8		
P1.02.027	2" BSP Threaded Tee (Stainless Steel Reinforced)	No	3		
P1.02.028	3" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6		
P1.02.029	2" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6		
P1.02.030	1" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6		
P1.02.031	10,000L Capacity PE Rota Tank for Portable Water Supply	No	4		
Total Lot 2 - Poly Fittings / Components					
Ref. No.	Lot 3 - uPVC Fittings	Unit	Qty	Rate	Total
P1.03.001	DN 150 uPVC Socket Coupler (SWJ)	Each	4		
P1.03.002	DN 150 UPVC Plain Ended End Cap (SWJ)	Each	2		
P1.03.003	100mm Extra High Tank Overflow Kit (Rainwater Harvesting). Kit to be supplied complete with 100mm Rubber Gasket, Extra High Tank Overflow, 100mm Insect Proof Screen & Stainless-Steel Tank Fittings	Each	6		
P1.03.004	100mm High Flow Insect Proof Flap with Stainless Steel Screen Moulded into a 4" Male and Female PVC Fittings	Each	6		
P1.03.005	100mm uPVC 90 Degree Elbow (SWJ)	Each	12		
P1.03.006	100mm uPVC Straight Coupling (SWJ)	Each	12		

Total Lot 3 - uPVC Fittings					
Ref. No.	Lot 4 - Metallic Fittings	Unit	Qty	Rate	Total
P1.04.001	DN 80 Stainless Steel Lockable Ball Valve with 3" BSP Threaded Female Ends	No	5		
P1.04.002	DN 50 Multi jet Flow Meter with 2" BSP Male Threaded Connectors	No	1		
P1.04.003	DN 50 Float Valve With Brass Piston and Backing Nut (2" BSP Threaded End)	No	5		
P1.04.004	DN 50 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	7		
P1.04.005	DN 25 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	6		
P1.04.006	DN 25 Bib Tap with 1" BSP Threaded Outlet	No	6		
P1.05.009	DN 100 Tapping Band with 50mm BSP Bore	Each	1		
Total Lot 4 - Mechanical Fittings					
Ref. No.	Lot 5 - Ductile Iron Fittings	Unit	Qty	Rate	Total
P1.05.001	DN 100 x DN 80 Ductile Iron Concentric Reducer, PN 16, FL - FL	Each	1		
P1.05.002	DN 100 x 90 Degree Ductile Iron Bend, PN 16, FL - FL	Each	9		
P1.05.003	DN 100 x 45 Degree Ductile Iron Bend, PN 16, FL - FL	Each	1		
P1.05.004	DN 100 Ductile Iron All Equal Flanged Tee, PN 16	Each	1		
P1.05.005	DN 100 Resilient Seated Gate Valve, PN 16	Each	2		
P1.05.006	DN 100 Ductile Iron Flange Spigot Connector, PN 16, FL - FL	Each	10		
P1.05.007	DN 100 Fully Restrained, Multi-fit Pipe Coupling, PN 16, Complete with Liner (Sealing Range: 104 - 132mm)	Each	4		
P1.05.008	DN 100 Universal Straight Coupling, PN 16 (Sealing Range: 109 - 133mm)	Each	22		
P1.05.009	DN 100 Stainless Steel Dressing Set & Gasket, PN 16	Each	21		
P1.05.010	DN 80 x 1000mm Ductile Iron Flanged Spool, PN 16	Each	1		
P1.05.011	DN 80 Underground Fire Hydrant, Squat Type, PN 16	Each	1		
P1.05.012	DN 80 Fully Restrained Multi-fit Pipe Flange Adaptor (DN 80 Flange, DN65 Socket), PN 16, Complete with Liner. (Sealing Range 71 - 88mm)	Each	8		
P1.05.013	DN 80 Woltmann Type Water Meter, PN 16	Each	1		

P1.05.014	DN 80 Stainless Steel Dressing Set & Gasket, PN 16	Each	16		
Total Lot 5 - Ductile Iron Fittings					
Ref. No.	Lot 6 - Timber	Unit	Qty	Rate	Total
P1.06.001	150 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	10		
P1.06.002	75 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	38		
P1.06.003	50 x 50 Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	20		
P1.06.004	Marine Ply (2400 x 1200 x 6.5mm)	Sheet	12		
P1.06.005	Non-Structural Form seal Ply (2440 x 1220 x 18mm)	Sheet	32		
Total Lot 6 - Timber					
Ref. No.	Lot 7 - Mechanical Fixings	Unit	Qty	Rate	Total
P1.07.001	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	No	8		
P1.07.002	M10 x 100mm Anchor Bolt Plus Sleeve Anchor Eye Bolt	No	20		
P1.07.003	M10 x 100mm Anchor Bolt Plus Sleeve Hex Nut Bolt	No	10		
P1.07.004	M16 x 100mm Anchor Bolt Plus Sleeve Anchor Hex Nut Bolt	No	30		
P1.07.005	U Bolt 18 x 1/2: with 6" Plate and Nut	No	12		
P1.07.006	2 Piece Stainless Steel Vertical Pipe Support for DN 50 Poly Pipe complete with fixings (Distance from Base to Pipe Invert - 300mm)	No	8		
Total Lot 7 - Mechanical Fixings					
Ref. No.	Lot 8 - Building Materials	Unit	Qty	Rate	Total
P1.08.001	General Purpose Blended Cement (40kg Bags)	No	198		
P1.08.002	Deform Bars Grade 500 High Tensile 12mm x 6m Lengths	Ton	2.7		
P1.08.003	200 micron Builders Plastic (1820mm x 60m)	Rolls	8		
P1.08.004	Non-Woven Geotextile (A14 Bidem or Approved Equivalent) 2000mm Width	Lm	210		
P1.08.005	River Sand	m3	11.5		
P1.08.006	5mm River Aggregate	m3	40		
P1.08.007	20mm Aggregates	m3	13.4		
P1.08.008	Bar Chair Slab-On-Ground 75/90mm	Each	3750		
P1.08.009	100mm Flat Head Bright	Kg	4		
P1.08.010	75mm Jolt Head Nails	Kg	9		
P1.08.011	Binding Wire 14 Gauge	Kg	6		

P1.08.012	Galvanised Pipe A Grade 20 x 1.6mm x 5.6 Light Plain End	Each	1		
Total Lot 8 - Building Materials					
Ref. No.	Lot 9 - Solar Pump & Accessories	Unit	Qty	Rate	Total
P1.09.001	Submersible Solar Pump with Helical Rotar & 50m Pumping Head. The Pump Set is to be supplied complete with Motor Controller, and all associated fittings, including cabling for control unit, pump and PV Panel, accessories, well probe, check valve, pump support, PV Panels & Power Coated Aluminium Fixed Angle Modular Solar Panel Frame as per the manufacture's specifications and requirements	Item	1		
Total Lot 9 - Solar Pump & Accessories					
Ref. No.	Lot 10 - Consumables / Miscellaneous Items	Unit	Qty	Rate	Total
P1.10.001	4" Pressure Gauge (Range 0 - 100) mH ₂ O Scale with Copper Alloy wetted parts & Stainless-Steel Casing. 1" BSP Threaded Male Outlet	Each	1		
P1.10.002	Detectable Blue Underground Marking Tape (Blue Background, "Danger" Buried Water Mains Below") 100mm Wide Tape	Lm	2200		
P1.10.003	Denso Tape	Roll	10		
P1.10.004	Bactericidal Pipe Joint Lubricant	Kg	10		
P1.10.005	DN 100 Spare Rubber Ring for RRJ Socket	Each	50		
P1.10.006	Thread Seal Tape 12mm x 0.08mm x 10m	Each	260		
P1.10.007	Tarpaulin 30 x 40ft Sliver 120 gsm	Each	4		
P1.10.008	PVC Solvent Cement (1L Container)	Litre	5		
P1.10.009	PVC Clear Primer	Litre	5		
P1.10.010	4" Paint Brush	Each	4		
P1.10.011	Rust Arrest Alkyd Anti-Corrosive Primer	Liter	2		
P1.10.012	12mm x 250m Nylon Rope	Coil	1		
P1.10.013	12mm x 20m PE Rope	Coil	4		
P1.10.014	String Line Reel with Rewind Hand Crank (3mm x 41m)	Each	5		
P1.10.015	Paint Roller Tray (285mm)	Each	6		
P1.10.016	Paint Roller Handle (230mm)	Each	6		
P1.10.017	Roller Sleeve 9" x 1/4"	Each	24		
P1.10.018	50mm High Security Solid Brass Padlock	No	2		
P1.10.019	Rectangular Meter Box, Heavy Duty. Min 425L x 225W x 315H	Each	2		
P1.10.020	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	Each	8		
Total Lot 10 - Consumables / Miscellaneous Items					

Ref. No.	Lot 11 - Tools & Equipment	Unit	Qty	Rate	Total
P1.11.001	Valve T Key	Each	4		
P1.11.002	28" 6.2Kw Chainsaw	No	1		
P1.11.003	10" Machete	No	3		
P1.11.004	14 Piece Metric Ring & Open-End Spanner Set	Set	4		
P1.11.005	18" Aluminium Pipe Wrench	Each	4		
P1.11.006	48" Aluminium Pipe Wrench	Each	4		
P1.11.007	12" Adjustable Wrench (Max Opening 55mm)	Each	4		
P1.11.008	300mm Hack Saw	Each	4		
P1.11.009	300mm Hack Saw Blade	Each	12		
P1.11.010	1800mm x 25mm Hexagonal Crowbar	Each	15		
P1.11.011	Long Handle Plumbers Shovel	Each	15		
P1.11.012	Rotational Pipe Cutter (S-Type) 20 - 75mm	Each	4		
P1.11.013	Rotational Pipe Cutter Spare Blade 20 - 75mm	Each	4		
P1.11.014	Rotational Pipe Cutter (S-Type) 90 - 260mm	Each	4		
P1.11.015	Rotational Pipe Cutter Spare Blade 140/160mm	Each	4		
P1.11.016	Rasp File	Each	9		
P1.11.017	Flat File	Each	9		
P1.11.018	28 Piece All Purpose Hole Saw Kit	Set	2		
P1.11.019	Fiber Glass Shaft Claw Hammer	Each	5		
P1.11.020	Li-Ion Cordless Brushless 185mm (7") Circular Saw	Each	2		
P1.11.021	185mm Timber Saw Blade	Each	6		
P1.11.022	610mm (24") Wrecking Bar	Each	5		
P1.11.023	10m Measuring Tape	Each	5		
P1.11.024	300mm Stainless Steel Try Square	Each	5		
P1.11.025	Chalk Line Reel with Red Chalk	Each	6		
P1.11.026	1200mm Spirit Level	Each	4		
P1.11.027	10lb Sledgehammer with Graphite Handle	Each	4		
P1.11.028	14" Abrasive Cut Off Saw	Each	1		
P1.11.029	14" Cut Off Wheel	Each	5		
P1.11.030	Li-ion Cordless Brushless 125mm (5") Angle Grinder	Each	2		
P1.11.031	5" Grinding disc	Each	10		
P1.11.032	Li-ion SDS Brushless Rotary Hammer Drill	Each	2		
P1.11.033	Li-Ion Cordless Driver Drill	Each	2		
P1.11.034	400mm SDS Pointed Chisel	Each	4		
P1.11.035	18mm x 250mm SDS Concrete Drill Bit	Each	4		
P1.11.036	14mm x 210mm SDS Concrete Drill Bit	Each	4		
P1.11.037	12mm x 210mm SDS Concrete Drill Bit	Each	4		
P1.11.038	20mm x 250mm SDS Flat Chisel	Each	4		
P1.11.039	500L Capacity Concrete Mixer	Each	1		
P1.11.040	5.5 HP Petrol Drive Unit	Each	2		

P1.11.041	9m Submersible Pump Attachment (General Trash Pump)	Each	2		
P1.11.042	2" x 30m lay Flat Hose with 2" Female Camlock and Hose Clip to match Submersible Pump Outlet	Each	2		
P1.11.043	30mm x 6m Flexshaft Steel Tip Concrete Vibrator	Each	2		
P1.11.044	Clamped Handle Concrete Screed	Each	4		
P1.11.045	500mm Concrete Place Push Rake	Each	4		
P1.11.046	280mm x 120mm Square Trowel	Each	4		
P1.11.047	355mm x 100mm Pointed Trowel	Each	4		
P1.11.048	100mm x 270mm Tamping Rammer	Each	2		
P1.11.049	2750mm - 5000mm Telescoping Aluminium Handle	Each	4		
P1.11.050	Wheelbarrow 100L Capacity	Each	6		
P1.11.051	5.5kVA Single Phase Generator	Each	2		
P1.11.052	4T 4m Round Lifting Sling	Each	2		
P1.11.053	16 kg Demolition Hammer	Each	1		
P1.11.054	30mm Hex 700mm Bull Point Demolition Drill Bit	Each	5		
P1.11.055	150kg Aluminium Double Sided Step Ladder (Closed Dimensions: 2760mm x 680mm x 195mm, Open Dimension: 2615mm x 1810mm x 210mm)	Each	1		
P1.11.056	18V Dual Port Charger for Li-Ion Batteries	Each	3		
P1.11.057	Li-Ion 18V (5.0Ah) Batteries	Each	14		
P1.11.058	30m Heavy Duty Extension Lead	Each	4		
P1.11.059	6.5kW 8KVA 4 Stroke Electric Start Generator	Each	1		
P1.11.060	Jerry Can 20L White with Red Lid	Each	10		
P1.11.061	Toolbox	Each	6		
Total Lot 11 - Tools & Equipment					

Ref. No.	Lot 12 - Personal Protective Equipment	Unit	Qty	Rate	Total
P1.12.001	XXL Hi Viz Vest Compliant with AS/NZS 4602	Each	18		
P1.12.002	Tinted Safety Glasses	Each	18		
P1.12.003	Caution Black on Yellow Tape (100m x 75mm)	Roll	4		
P1.12.004	Orange Barrier Mesh 1m x 50m (8kg)	Roll	4		
P1.12.005	Vented Hard Hat with Ratchet Harness - White (to AS/NZS 1801)	Each	18		
P1.12.006	Shade Halo Plastic Hard Hat Brim - Orange	Each	18		
Total Lot 12 - Personal Protective Equipment					

Ref. No.	Lot 13 - Prefabricated Items	Unit	Qty	Rate	Total
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P1.13.001	Pump Lifting Rail, (50mm Dia x 3.2mm Thick Galvanised Pipe welded to 10mm thick MS Plate on both ends of pipe with 4 affixed to Wall by 4 x M10 x 100mm Long Anchor Bolts, Overall 1m length)	Item	1		
P1.13.002	Prefabricated Aluminium Chamber Access Hatch with provision for locking, opening 1500mm x 1000mm complete with recessed locking provision and hinge system). All metallic surfaces to be finished with Resene Armourcote 515 HS fast drying epoxy or approved equivalent, Applied in 2 coats at 100-micron thickness per coat	Item	1		
Total Lot 14 - Prefabricated Items					

Summary of Price Schedule	
Package 1- Nanumea Groundwater Gallery	
Lot 1 - Pipes	
Lot 2 – Poly Fittings / Components	
Lot 3 – uPVC Fittings	
Lot 4 – Metallic Fittings	
Lot 5 – Ductile Iron Fittings	
Lot 6 – Timber	
Lot 7 – Mechanical Fixings	
Lot 8 – Building Materials	
Lot 9 – Solar Pump & Accessories	
Lot 10 – Consumables / Miscellaneous Items	
Lot 11 – Tools & Equipment	
Lot 12 – Personal Protective Equipment	
Lot 13 – Prefabricated Items	
Other Charges	
GRAND TOTAL – PACKAGE 1	

Package 2 - Wotje Ground Water Gallery Materials

Ref. No.	Lot 1 - Pipes	Unit	Qty	Rate	Total
P2.01.001	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have two DN 150 Sub Connections located 0.5m from depth open plain end of pipe on opposite sides with other end sealed (end cap or similar approved)</i>	Each	1		
P2.01.002	DN 450 uPVC Pressure Pipe Series 1, PN 9 in 2.5m Segment. <i>Segment to have one end RRJ and other side plain ended</i>	Each	1		
P2.01.003	DN 150 uPVC Slotted Pipes Series 1, PN 9 (SWJ), 6m Lengths. <i>Slotting pattern to be as follows: 5 Rows of Slots for Each Pipes Slot Width: 1.0mm Slot Spacing: 10mm Slot Length: 50mm</i>	Lengths	40		
P2.01.004	DN 100 uPVC Pressure Pipe Series 1, PN 6 (SWJ), 6m Lengths	Lengths	6		
P2.01.005	DN 20 uPVC Pressure Pipe Series 1 PN, 6m Length	Lengths	2		
P2.01.006	DN 50 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	200		
P2.01.007	DN 63 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	10		
P2.01.008	DN 75 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	50		
P2.01.009	DN 110 Polyethylene Pipe PE 100 SDR 21 PN 8	Lm	150		
P2.01.010	DN 100 mPVC Pressure Pipe Series 2, PN 12 (RRJ), 6m Lengths	Lengths	205		
Total Lot 1 - Pipes					
Ref. No.	Lot 2 - Poly Fittings / Components	Unit	Qty	Rate	Total
P2.02.001	DN 110 - 90 Degree Metric Compression Elbow	Each	8		
P2.02.002	DN 110 - 90 Degree Metric Compression Tee	Each	5		
P2.02.003	DN 110 x 2" BSP Metric Compression Female Adaptor	Each	10		
P2.02.004	DN 110 - Metric Slip / Repair Coupling	Each	5		
P2.02.005	DN 75 x DN 50 Metric Reducer	Each	1		
P2.02.006	DN 75 x 3" BSP Metric Compression Male Adaptor	Each	6		
P2.02.010	DN 50 x 1 1/2" BSP Metric Compression Male Adaptor	Each	1		
P2.02.011	DN 50 x 2" BSP Metric Compression Male Adaptor	Each	12		
P2.02.012	DN 50 x 2" BSP Metric Compression Female Adaptor	Each	1		
P2.02.013	DN 50 x 2" BSP 90 Degree Metric Compression Male Elbow	Each	1		

P2.02.014	DN 50 x 2" BSP 90 Degree Metric Compression Female Elbow	Each	5		
P2.02.015	DN 50 - 90 Degree Metric Compression Elbow	Each	4		
P2.02.016	DN 50 - Poly Screen Filter with 2" BSP Threaded Male Ends	No	3		
P2.02.017	DN 50 Air Release Valve (Combination) Triple Action with 2" BSP Male Threaded End	No	3		
P2.02.018	DN 50 Check Valve with 2" BSP Male Threaded Ends	No	3		
P2.02.019	4" x 3" BSP Threaded Poly Reducing Bush	No	1		
P2.02.021	2" x 2" BSP Threaded Poly Nipple	No	4		
P2.02.022	2" x 2" BSP Threaded Poly Socket	No	3		
P2.02.023	2" x 1" BSP Threaded Poly Reducing Bush	No	1		
P2.02.024	2" BSP Threaded Tee (Stainless Steel Reinforced)	No	3		
P2.02.025	2" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6		
P2.02.026	1" BSP Poly Tank Connector with Backing Nut and Male Threaded Outlet	No	6		
P2.02.027	5,000L Capacity PE Rota Tank for Portable Water Supply	No	4		
Total Lot 2 - Poly Fittings / Components					
Ref. No.	Lot 3 - uPVC Fittings	Unit	Qty	Rate	Total
P2.03.001	DN 150 uPVC Socket Coupler (SWJ)	Each	4		
P2.03.002	DN 150 UPVC Plain Ended End Cap	Each	2		
P2.03.003	100mm Extra High Tank Overflow Kit (Rainwater Harvesting). Kit to be supplied complete with 100mm Rubber Gasket, Extra High Tank Overflow, 100mm Insect Proof Screen & Stainless-Steel Tank Fittings	Each	6		
P2.03.004	100mm High Flow Insect Proof Flat with Stainless Steel Screen Moulded into a 4" Male and Female PVC Fittings	Each	6		
P2.03.005	100mm uPVC 90 Degree Elbow	Each	12		
P2.03.006	100mm uPVC Straight Coupling	Each	12		
Total Lot 3 - uPVC Fittings					
Ref. No.	Lot 4 - Metallic Fittings	Unit	Qty	Rate	Total
P2.04.001	DN 50 Multi jet Flow Meter with 2" BSP Male Threaded Connectors	No	1		
P2.04.002	DN 50 Float Valve with Brass Piston and Backing Nut (2" BSP Threaded End)	No	5		
P2.04.003	DN 50 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	7		

P2.04.004	DN 25 Stainless Steel Lockable Ball Valve with 2" BSP Threaded Female Ends	No	6		
Total Lot 4 - Metallic Fittings					
Ref. No.	Lot 5 - Ductile Iron Fittings	Unit	Qty	Rate	Total
P2.05.001	DN 100 x DN 80 Ductile Iron Concentric Reducer, PN 16, FL - FL	Each	1		
P2.05.002	DN 100 x 90 Degree Ductile Iron Bend, PN 16, FL - FL	Each	3		
P2.05.003	DN 100 x 45 Degree Ductile Iron Bend, PN 16, FL - FL	Each	4		
P2.05.004	DN 100 x 11.25 Degree Ductile Iron Bend, PN 16, FL - FL	Each	1		
P2.05.005	DN 100 Ductile Iron All Equal Flanged Tee, PN 16	Each	3		
P2.05.006	DN 100 Resilient Seated Gate Valve, PN 16	Each	6		
P2.05.007	DN 100 Ductile Iron Flange Spigot Connector, PN 16, FL - FL	Each	28		
P2.05.008	DN 100 Fully Restrained, Multi-fit Pipe Coupling, PN 16, Complete with Liner (Sealing Range: 104 - 132mm)	Each	4		
P2.05.009	DN 100 Universal Straight Coupling, PN 16 (Sealing Range: 109 - 133mm)	Each	38		
P2.05.010	DN 100 Tapping Saddle with 50mm BSP Bore	Each	1		
P2.05.011	DN 100 Stainless Steel Dressing Set & Gasket, PN 16	Each	42		
P2.05.012	DN 80 Fully Restrained Multi-fit Pipe Flange Adaptor (DN 80 Flange, DN65 Socket), PN 16, Complete with Liner. (Sealing Range 71 - 88mm)	Each	5		
P2.05.013	DN 80 Stainless Steel Dressing Set & Gasket, PN 16	Each	5		
Total Lot 5 - Ductile Iron Fittings					
Ref. No.	Lot 6 - Timber	Unit	Qty	Rate	Total
P2.06.001	150 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	10		
P2.06.002	75 x 50mm Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	38		
P2.06.003	50 x 50 Pine H3 Grade Rough Cut Timber x 6m Lengths	Lengths	20		
P2.06.004	Marine Ply (2400 x 1200 x 6.5mm)	Sheet	12		
P2.06.005	Non-Structural Form seal Ply (2440 x 1220 x 18mm)	Sheet	32		
Total Lot 6 - Timber					

Ref. No.	Lot 7 - Mechanical Fixings	Unit	Qty	Rate	Total
P1.07.001	M10 x 100mm Anchor Bolt Plus Sleeve Anchor Eye Bolt	No	18		
P1.07.002	U Bolt 18 x 1/2: with 6" Plate and Nut	No	18		
P1.07.003	2 Piece Stainless Steel Vertical Pipe Support for DN 50 Poly Pipe complete with fixings (Distance from Base to Pipe Invert - 300mm)	No	8		
Total Lot 7 - Mechanical Fixings					
Ref. No.	Lot 8 - Building Materials	Unit	Qty	Rate	Total
P2.08.001	General Purpose Blended Cement (40kg Bags)	No	198		
P2.08.002	Deform Bars Grade 500 High Tensile 12mm x 6m Lengths	Ton	2.7		
P2.08.003	200 micron Builders Plastic (1820mm x 60m)	Rolls	8		
P2.08.004	Non-Woven Geotextile (A14 Bidem or Approved Equivalent) 2000mm Width	Lm	210		
P2.08.005	5mm River Aggregate	m3	40		
P2.08.006	River Sand	m3	12.22		
P2.08.007	20mm Aggregates	m3	13.45		
P2.08.008	AP 40 Aggregates	m3	1.8		
P2.08.009	Bar Chair Slab-On-Ground 75/90mm	Each	3850		
P2.08.010	100mm Flat Head Bright	Kg	2		
P2.08.011	75mm Jolt Head Nails	Kg	14		
P2.08.012	Binding Wire 14 Gauge	Kg	5		
P2.08.013	Galvanised Pipe A Grade 20 x 1.6mm x 5.6 Light Plain End	Each	1		
Total Lot 8 - Building Materials					
Ref. No.	Lot 9 - Solar Pump & Accessories	Unit	Qty	Rate	Total
P2.09.001	Submersible Solar Pump with Helical Rotar & 50m Pumping Head. The Pump Set is to be supplied complete with Motor Controller, and all associated fittings, including cabling for control unit, pump and PV Panel, accessories, well probe, check valve, pump support, PV Panels & Power Coated Aluminium Fixed Angle Modular Solar Panel Frame as per the manufacture's specifications and requirements	Item	1		
Total Lot 9 - Solar Pump & Accessories					
Ref. No.	Lot 10 - Consumables / Miscellaneous Items	Unit	Qty	Rate	Total
P2.10.001	4" Pressure Gauge (Range 0 - 100) mH ₂ O Scale with Copper Alloy wetted parts & Stainless-Steel Casing. 1" BSP Threaded Male Outlet	Each	1		

P2.10.002	Detectable Blue Underground Marking Tape (Blue Background, "Danger" Buried Water Mains Below") 100mm Wide Tape	Lm	1000		
P2.10.003	Denso Tape	Roll	10		
P2.10.004	Bactericidal Pipe Joint Lubricant	Kg	10		
P2.10.005	DN 100 Spare Rubber Ring for RRJ Socket	Each	50		
P2.10.006	Thread Seal Tape 12mm x 0.08mm x 10m	Each	260		
P2.10.007	Tarpaulin 30 x 40ft Sliver 120 gsm	Each	4		
P2.10.008	PVC Solvent Cement (1L Container)	Litre	5		
P2.10.009	PVC Clear Primer	Litre	5		
P2.10.010	4" Paint Brush	Liter	4		
P2.10.011	Rust Arrest Alkyd Anti-Corrosive Primer	Liter	2		
P2.10.012	12mm x 250m Nylon Rope	Coil	1		
P2.10.013	12mm x 20m PE Rope	Coil	4		
P2.10.014	String Line Reel with Rewind Hand Crank (3mm x 41m)	Each	5		
P2.10.015	Paint Roller Tray (285mm)	Each	6		
P2.10.016	Paint Roller Handle (230mm)	Each	6		
P2.10.017	Roller Sleeve 9" x 1/4"	Each	24		
P2.10.018	50mm High Security Solid Brass Padlock	No	2		
P2.10.019	Rectangular Meter Box, Heavy Duty. Min 425L x 225W x 315H	Each	2		
P2.10.020	50mm x 9m 2.5T Heavy Duty Tie Down Ratchet	Each	8		
Total Lot 10 - Consumables / Miscellaneous Items					

Ref. No.	Lot 11 - Tools & Equipment	Unit	Qty	Rate	Total
P2.11.001	Valve T Key	Each	2		
P2.11.002	14 Piece Metric Ring & Open End Spanner Set	Set	2		
P2.11.003	18" Aluminium Pipe Wrench	Each	2		
P2.11.004	48" Aluminium Pipe Wrench	Each	2		
P2.11.005	12" Adjustable Wrench (Max Opening 55mm)	Each	2		
P2.11.006	300mm Hack Saw	Each	2		
P2.11.007	300mm Hack Saw Blade	Each	10		
P2.11.008	1800mm x 25mm Hexagonal Crowbar	Each	5		
P2.11.009	Long Handle Plumbers Shovel	Each	5		
P2.11.010	Rasp File	Each	4		
P2.11.011	Flat File	Each	4		
P2.11.012	Toolbox	Each	2		
Total Lot 11 - Tools & Equipment					

Ref. No.	Lot 12 - Manhole Cover & Frame	Unit	Qty	Rate	Total
P2.12.001	DN 600mm Ductile Iron Lockable Manhole Cover Complete with frame system, D400 loading class. The Manhole covering shall have 2 openings of 63mm Dia meter to account for external pipework	Item	1		
P2.12.002	25mm x 3.2mm x 1m Long Galvanised Pipe	Item	1		
P2.12.003	Universal Opening Bar (Compatible with P2.10.001)	Each	4		
Total Lot 12 - Manhole Cover & Frame					

Summary of Price Schedule Package 2- Wotje Groundwater Gallery	
Lot 1 - Pipes	
Lot 2 – Poly Fittings / Components	
Lot 3 – uPVC Fittings	
Lot 4 – Metallic Fittings	
Lot 5 – Ductile Iron Fittings	
Lot 6 – Timber	
Lot 7 – Mechanical Fixings	
Lot 8 – Building Materials	
Lot 9 – Solar Pump & Accessories	
Lot 10 – Consumables / Miscellaneous Items	
Lot 11 – Tools & Equipment	
Lot 12 – Manhole Cover & Frame	
Other Charges	
GRAND TOTAL – PACKAGE 2	

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 and to its correctness and completeness, taking into account of all that is required for the full and proper performance of the contract and to have included all costs in their rates and prices.

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

Signature:

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

Title: *[insert Title of the representative]*

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