

Request for Tender

Atiu Water Upgrade Project (Phase 1)

Supply and Delivery of Water Pipes and Fittings

Reference No.: OPM/REDD-03/2015
Date of Release: 10 December 2015

Office of the Prime Minister

All queries regarding this Request for Tender should be directed to:

Project Engineer

ngateina.rani@cookislands.gov.ck

TENDER CLOSING TIME: 1:00pm (CI Time)

Monday 11 January 2016



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Document Control

Document Revision

Rev No.	Prepared By	Office	Date
1	Ngateina Rani (Project Engineer)	Renewable Energy Development Division, Office of the Prime Minister Cook Islands Government	Nov 2015
2	Ngateina Rani (Project Engineer)	Renewable Energy Development Division, Office of the Prime Minister Cook Islands Government	Nov 2015

Document Acceptance

Action	Name	Date
Prepared by	Ngateina Rani (Project Engineer) Office of the Prime Minister Cook Islands Government	Nov 2015
Technical Review by	Tenga Mana Infrastructure Cook Islands Cook Islands Government	Nov 2015
Finance Review by	Teina Frank Office of the Prime Minister Cook Islands Government	Nov 2015
Legal Review by	Zoe Crown Law Cook Islands Government	Nov 2015
Approved by	Elizabeth Wright-Koteka Office of the Prime Minister Cook Islands Government	Nov 2015
On Behalf of	Renewable Energy Development Division Office of the Prime Minister Cook Islands Government	

Glossary and Definitions

TERM	EXPLANATION
AWUP	Atiu Water Upgrade Project
CIF	Cost, Insurance and Freight
CIGov	Cook Islands Government
Client	Office of the Prime Minister
Manual	Cook Islands Government Financial Policies and Procedures Manual
MFEM	Ministry of Finance and Economic Management
NTT	Notice to Tenderers
OPM	Office of the Prime Minister
PE	Polyethylene
REDD	Renewable Energy Development Division
RFT	Request for Tender
TEP	Tender Evaluation Panel
TC	Tender Committee

Introduction

Summary of Requirement

1. Through this Request For Tender (RFT), the Office of the Prime Minister (OPM or the 'Client') intends to roll-out but not limited to the installation of water pipes and fittings including couplings, valves and hydrant assemblies, in conjunction with the works for the Atiu Power Upgrade Project. This is the first phase of the long term plan for the Atiu Water Upgrade Project. The water pipes will also be laid in the same trench as the underground power cables in most areas around the community. This RFT is for the supply and delivery including cost, insurance and freight (CIF) to Rarotonga Cook Islands all water pipes and fittings.
2. The project site is the island of Atiu in the Southern Group of the Cook Islands. The water upgrade work will be carried out along the main and arterial roads within the community.
3. The scope of works include the supply and delivery CIF to Rarotonga Cook Islands all water pipes and/or valves and fittings necessary to complete this initial works required for the future coming water upgrade project for Atiu Island.
4. Tenderers should note that the requirements relating to the lodgement and content of responses to this RFT as set out in Clauses 8 to 16 and Appendix A, are mandatory. The Client will exclude from the evaluation process, any tender that fails to comply with one or more of these mandatory requirements.
5. Tenderers must be registered with the Client upon receiving this RFT either by hardcopy or electronically. Notice to Tenders (NTT) will only be sent to those potential Tenderers who have registered their interests with the Client.
6. Tenders are invited from reputable manufacturers and/or suppliers or authorised distributors of water pipes and associated materials, offering to provide such service on a lump sum basis.
7. Tenders will be assessed in accordance with the evaluation criteria set out in Appendix C of this RFT.

Submission of Tender

8. Tenders shall be submitted in hard copies and in a single envelope.
 - a) The envelope must contain all Tender Forms (A1 – A7) with supportive documents in three (3) sets (1 original and 2 copies).
 - b) The envelope must be labelled "CONFIDENTIAL" and have the following information clearly exhibited on the outside:

TO: Chief of Staff
Office of the Prime Minister
Avarua
Rarotonga
COOK ISLANDS

FROM: (Name of Tenderer)
(Tenderers address 1)
(Tenderers address 2)

TENDER FOR: OPM/REDD-03/2015 – Supply and Delivery of Water Pipes and Fittings for the Atiu Water Upgrade Project (Phase 1)

TENDER CLOSES: 1.00pm, Monday 11 January 2016

9. Tenders must be placed in the tender box by the due date. Failure to do so will result in the tender being disqualified.
10. The Forms of Tender including the Schedules are specified in Appendix A. Copies of Appendix A in MS word format can be made available to the Tenderer on request.
11. Telefax and electronic tenders sent directly to the Client will not be accepted.

Tender Closing Time

12. This tender closes at 1.00pm on Monday 11 January 2016.
13. The tender box is located at the Renewable Energy Development Division (REDD) of the OPM, Avarua, Rarotonga, Cook Islands.
14. Tenderers are solely responsible for ensuring their tenders are placed in the tender box by the Closing Date and Time.
15. Late tenders will not be accepted and will be excluded from the evaluation process.

Project Engineer

16. Any enquiries in relation to this RFT should be made by email to the Project Engineer:

Name: Ngateina Rani
 Telephone: (+682) 25494 Ext 7024
 Mobile: (+682) 54433
 Email: ngateina.rani@cookislands.gov.ck

Further information or clarifications

17. Any further information or clarification required by a Tenderer in relation to this RFT, must be directed to the Project Engineer.
18. The Project Engineer may respond to enquiries received before the Enquiry Cut-Off Time (see Table 1) and may not be able to respond to those enquiries received after such time.
19. All requests and responses shall be given in writing and be circulated as NTTs, to all registered Tenderers. Where the Client considers that competitive advantage of the individual Tenderer may be compromised by the distribution of responses to such requests for information and/or clarification to all Tenderers, the Client reserves the right to issue such response(s) only to that particular Tenderer.

Key Dates

Table 1: Approximate Dates for this RFT

Details	Date
RFT Let	8.00am Thursday 10 December 2015
RFT Enquiry Cut-Off Time	3.00pm Wednesday 30 December 2015
Tender close	1.00pm Monday 11 January 2016

Tender evaluation complete	Friday 22 January 2016
Agreement/Contract negotiation and award	Friday 12 February 2016
Agreement/Contract commences	Monday 15 February 2016
Agreement/Contract expires	4 months later

Note the dates between Tender evaluation and Agreement/Contract commences are indicative.

Selection Process

20. All tenders deposited and received from the tender box by the Closing Date and Time will be considered for evaluation. Tenders submitted in the form specified in Appendix A of this RFT will be considered for evaluation.
21. Evaluation of the tenders to this RFT will be in accordance with the Evaluation Criteria described in Appendix C. Failure to comply with the Standard Conditions set in this RFT will result in an immediate exclusion from the evaluation process.

Notification of Acceptance

22. Tenders shall remain valid for acceptance and shall not be withdrawn for a period of ninety (90) working days from the Closing Date of this tender.
23. Unsuccessful Tenderers or its representatives shall be formally notified in writing (email sufficient) by the Client within ten (10) working days of acceptance of the successful Tenderer.
24. If no tender is accepted by the Client within ninety (90) working days after tender closing, each Tenderer will be notified in writing (email sufficient) by the Client whether their tender is still under consideration or is no longer being considered.
25. The Client reserves the right to contact referees and/or customers of Tenderers regarding to the performance of the Tenderer as it may pertain to this RFT.
26. The Client shall not be bound to accept the lowest priced tender or the highest scored tender or any tender.
27. When the preferred Tenderer has been identified, the Client will invite the Tenderer to enter into negotiations based on possible changes to the items on the Schedules of Prices and Rates including the draft Purchase Agreement as per Appendix D of this RFT. Only when both parties have agreed to the terms of, General Terms and Conditions of the Agreement and executed the Agreement, then the Client will formally advise in writing those Tenderers whose tender submissions have not been successful.
28. Tenderers will not be entitled to access to any of the tender evaluation documents. However, a Tenderer can lodge an appeal with the Client, against the process on how the decision to award this tender is reached. It will however be at the discretion of the Chief of Staff of the Office of the Prime Minister to release any information whatsoever regarding to such process.
29. If no tender has been accepted within the period stated, the Client will notify all Tenderers that no tender was accepted and may:
 - a) Invite all Tenderers to provide additional information; and/or
 - b) Re-advertise the RFT and extend the Closing Date. All registered Tenderers must resubmit new tenders to the Client.

Probity

30. No gifts or entertainment of any nature will be permitted between any parties involved throughout the tender process, including Tenderers or potential Tenderers, tender team members, Tender Evaluation Committee, Tender Evaluation Panel, Chief of Staff, REDD Director, Project Engineer or any other member or organisation that may have some form of involvement with any aspect of the tender process.

Statement of Requirements

31. The scope of works with some specification of the materials required are described in Appendix B.
32. To enable the Service to be completed, tenders must include provisions for the Tenderer in the Tender Price to :
 - a) Source, assemble, pack and deliver all water pipes and fittings including associated materials. These may include tees, valves and hydrant assemblies.
 - b) Provide all packing materials including labour to undertake the works.
 - c) Arrange and pay all costs, whether direct or indirect, associated with the sourcing, packing and delivering of all electrical materials to the Port of Rarotonga, Cook Islands.
 - d) Update the Client on the delivery schedule particularly on the arrival of all water pipes and fittings including associated materials to the Port of Rarotonga, Cook Islands.
33. The water pipes will be 90mm polyethylene (PE) black pipes and include fittings and/or tees, valves and hydrant assemblies.
34. The tender price must include all costs associated with the manufacture, source, supply and delivery of the water pipes and/or tees, valves, fittings and associated materials to the Port of Rarotonga, Cook Islands including freight and insurance.
35. Interested Tenderers must be currently active in either the manufacturing, trading or distribution of these water infrastructure materials such as pipes and fittings.
36. The Tenderer must tender to complete the whole of the works specified in Appendix B and as required by the Agreement.
37. Where the supplier/vendor and product codes for particular items are specified, these must be supplied accordingly. Alternatives, substitutes or departures must be declared and may be accepted.

Conditions of Tendering

Standard Conditions

38. Tenders must be completed in the format contained in Appendix A of this RFT. If Tenders do not comply with this format, these will be excluded from the evaluation process.
39. Tenders must be deposited in the tender box by the Closing Date and Time as specified in Clause 12 of this RFT.
40. All Tenders and related documentations in response to this RFT must be in the English language.

41. Tenders must be presented in hardcopy formats only and delivered in sealed envelopes to the location specified in Clause 8 of this RFT. Telefax and electronic tenders will not be accepted. However, these can be sent through to a local third party for printing and then get these deposited in the tender box before tender closing.
42. No Retention Security will apply to this Purchase Agreement or Contract.
43. Foreign companies looking to carry out business activities in the Cook Islands, must register and sought approval from the Cook Islands Government agency Business Trade and Investment Board (BTIB). All fees associated with such registration will be borne by the Tenderer.
44. All prices must be in NZ dollars and inclusive of freight landed at the Port of destination.

Special Conditions

Registration of Tenderers

45. Prospective Tenderers must register their interest to participate in this RFT process by advising the Project Engineer in writing (email sufficient) only. Only registered Tenderers will receive Notices to Tenderers when these are issued. It is the responsibility of the Tenderer to ensure that he/she is properly registered for this RFT.

Information Supplied by Tenderer

46. The Client may ask Tenderers to provide additional information during the tender evaluation process. The Tenderer must provide such information in the form and within the time stated in the Client's request. Failure to do so may provide grounds for the Client not to continue evaluating your tender.
47. The Client may contact the Tenderer's referees, competitors, or customers to enquire on his/her performance and/or make any other enquiries that may deemed necessary.
48. Tenderers can provide additional documents/information to support their tender if necessary.
49. The Client reserves the right to request further clarification on any information or pricing supplied with any tender.

Cost of Tender Documents

50. The Tenderer will be required to pay a non-refundable fee of NZ\$50.00 on collection of a printed copy of this RFT.
51. There is no fee charged for RFT documents obtained electronically from the Office of the Prime Minister or from the Procurement Website. However, potential Tenderers who requested or received electronic copies must ensure they are formally registered in accordance with Clause 5.

Negotiations

52. Negotiations will not take place in between the advertising and evaluation stages of the tendering process.
53. The Client may enter into post-offer negotiations with the preferred Tenderer and/or Tenderers before a Letter of Acceptance is issued.

Repudiation of Contract

54. If the tender is accepted and an Agreement is entered into with the successful Tenderer but the Tenderer withdraws from the Agreement or does not sign it within 5 working days of the Client asking the Tenderer to do so, the Client will consider or regard the Agreement as having ended.

Proposed Delivery Programme

55. The Tenderer is required to submit, on placement of their tender, a proposed delivery programme.
56. The proposed delivery programme must state a proposed commencement date and due date for completion and make a provision for the possibility of time extensions.
57. Tenderers may provide a proposed cash-flow to reflect approximate value of the Agreement for the Agreement's duration.
58. The format for the Delivery Programme to be submitted by Tenderers is provided in Appendix A.

Inspection of Materials and Associated Costs

59. During the manufacturing of the PE pipes and prior to packing the materials for shipping, the Project Engineer or a nominated representative from the Client will be required to inspect the factory and/or production line. This inspection will focus on the production or manufacturing of the pipes, the Quality Assurance processes in place and how these are packed for shipment. The Tenderer must include all costs (economy return airfare Rarotonga/destination, airport transfers, up to 3 days accommodation with meals, transport and \$100 daily allowance) associated with this visit by the Project Engineer or nominated Client's representative to travel abroad to the Tenderer's/manufacturer's factory to carry out such inspection. Travel arrangements to be liaised with the Client and/or Project Engineer. This cost must be included in Schedule A2(i).

APPENDICES

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APPENDIX A – FORM OF TENDER

Instructions

1. Tenderers must complete and submit all of the following forms, in the formats provided in this Appendix:
 - A1 – Tender Form
 - A2 – Schedule of Materials and Prices
 - A3 – Schedule of Non-Conformances/Departures
 - A4 – Relevant Experience
 - A5 – Delivery Schedule
 - A6 – Referees
 - A7 – Copy of Company Certificate of Incorporation (if applicable)
2. In addition to Clause 1 above, Tenderers must submit a copy of any documentations from the manufacturer(s) on the equipment offered to be used as substitutes or departures than to what were specified.
3. Tenderers who fail to supply all of the items listed in Clauses 1 and 2 above, will be deemed non-compliant and will be excluded from the tender evaluation process.
4. Tenders shall be submitted in hardcopy format and in a single envelope.
 - a) The envelope must contain all Forms (A1 – A7) and supportive documents in three (3) sets (1 original and 2 copies).
 - b) The envelope must be labelled “CONFIDENTIAL” and have the following information clearly exhibited on the outside:

TO: Chief of Staff
Office of the Prime Minister
Avarua
Rarotonga
COOK ISLANDS

FROM: (Name of Tenderer)
(Tenderer’s address 1)
(Tenderer’s address 2)

TENDER FOR: OPM/REDD-03/2015 – Supply and Delivery of Water Pipes and Fittings for the Atiu Water Upgrade Project (Phase 1)

TENDER CLOSES: 1.00pm, Monday 11 January 2016

A1 Tender Form

To: The Chief of Staff
Office of the Prime Minister
Avarua
Rarotonga
COOK ISLANDS

Tender for: **OPM/REDD-03/2015 – Supply and Delivery of Water Pipes and Fittings for the Atiu Water Upgrade Project (Phase 1)**

Supplier: _____

I/we, the undersigned, having examined the RFT documents including Notices to Tenderers _____, hereby offer to carry out the whole of the works for a Lump Sum Price of:

Amount	\$ _____
VAT	\$ _____
Total including VAT	\$ _____

I/We will achieve delivery in _____ weeks/working days from the date of signing the Agreement.

I/We agree to abide by this tender for a period of ninety (90) days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted by you at any time before the expiry of that period.

Unless and until an Agreement is prepared and executed, this tender together with your written acceptance thereof, shall constitute a binding Contract or Agreement between us.

I/We understand that you are not bound to accept the lowest or any tender that you may receive.

I/We understand that no Agreement shall come into existence, and no legal or other obligations shall arise between us and you (or between us and any other agent of the Client) in relation to the conduct, outcome or otherwise of the tender process, prior to and apart from your acceptance of our tender.

I/We understand that you may contact the referees nominated by us in this offer and make whatever enquiries you deemed necessary regarding our financial health and ability to deliver the equipment.

The following information as required by this RFT is provided with this form:

1. A2 – Schedule of Materials and Prices (i) and Schedule of Rates (ii)
2. A3 – Schedule of Non-Conformances/Departures
3. A4 – Relevant Experience
4. A5 – Delivery Schedule
5. A6 – Referees
6. A7 – Copy of Company's Certificate of Incorporation (if applicable)

Name of Tenderer (Print)

Signature of person duly authorized to sign tenders on behalf of the Tenderer

Position of person duly authorized to sign tenders on behalf of the Tenderer (Print)

Physical Address of Tenderer (Print)

Telephone No

Facsimile No

Mobile No

Email Address

Signature of Witness of Tenderer

A2 (i) Schedule of Materials and Prices**Schedule of Materials and Prices**

QTY	DESCRIPTION	UNIT COST EXCL. VAT (NZ\$)	TOTAL COST EXCL. VAT (NZ\$)
	<u>PE PIPES</u>		
155	100m-coils of 90mm OD PE100 PN12.5 SDR17 HDPE black with blue stripe polyethylene pipes		
		PE PIPES	
	<u>PE FITTINGS</u>		
65	90mm PE100 PN12.5 HDPE black Plasson or equivalent compression couplings		
20	90mm PE100 PN12.5 HDPE black end caps/pugs		
		PE FITTINGS	
	<u>MISCELLANEOUS</u>		
65	250m-rolls of 150mm Blue marker tapes/warning strips for underground water pipes		
20	28" orange road cones with double reflective collars		
10	Hi-Viz reflective vests orange, size XL		
10	Slip-on steel-cap Blundstone/Red Spot or equivalent safety boots, size 10		
30	Blue lightweight vented hard hats		
35	Bolle Lowrider gloss jet black with polarised lens safety glasses (P/N 1651207)		
4	PE-pipe Plasson compression wrenches up to 150mm		
4	PE-pipe cutters up to 150mm		
4	PE-pipe chamfer/bevelling tools up to 150mm		
1	Factory and QA inspection		
		MISCELLANEOUS	
		TOTAL MATERIALS EXCL VAT	

Summary – Schedule of Materials and Prices

ITEM	CATEGORY	COST EXCL VAT (NZ\$)	COST INCL VAT (NZ\$)
1	PE Pipes		
2	PE Fittings		
3	Miscellaneous		
4	International Freight		
5	Local freight (based on \$320/m ³)		
TOTAL			

Note:

1. The Tenderer must ensure that their prices reflect all costs associated with the supply and safe delivery of all electrical materials to the Port of Rarotonga, Cook Islands.
2. The Client may choose materials that it considers value for money when finalising the Contract.
3. The local 15% VAT must be applied where indicated.
4. Knowing the volume of the consignment, the Tenderer must include cost for the Local Freight based on the rate provided.

A2 (ii) Schedule of Rates**Schedule of Rates**

QTY	DESCRIPTION	UNIT COST EXCL. VAT (NZ\$)	TOTAL COST EXCL. VAT (NZ\$)
1	<u>PIPES</u>		
1	100m-coils of 90mm OD PE100 PN12.5 SDR17 HDPE black with blue stripe polyethylene pipes		
2	<u>FITTINGS</u>		
1	90mm/90mm/90mm Y PE100 PN12.5 HDPE Plasson or equivalent compression tees		
1	90mm/90mm/90mm 90deg PE100 PN12.5 HDPE Plasson or equivalent compression tees		
1	90mm/90mm/90mm 45deg PE100 PN12.5 HDPE Plasson or equivalent compression tees		
3	<u>VALVE ASSEMBLIES</u>		
1	80mm resilient-seated flange/flange PN16 AVK Series 57 or equivalent sluice valves c/w EDPM gaskets , flange drilling Table D		
2	80mm flange/socket PE100 PN12.5 adaptors with flange drilling Table D		
4	<u>HYDRANT ASSEMBLIES</u>		
1	80mm x 80mm x 80mm flange/flange/flange hydrant tee		
2	80mm PE100 PN12.5 flange-socket adaptor		
1	80mm taped 2" BSP blank flange		
1	1000mm-long HD 50mm galvanised riser pipe with 50mm BSP male threaded ends		
1	50mm resilient-seated female/female PN16 BSP AVK Series 57 or equivalent service		

	connection valve c/w handwheel		
1	50mm galvanised BSP male female 90deg elbow		
4	VALVE BOXES		
1	340mm wide x 500mm long x 280mm deep flush-mount tapered HDPE surface box c/w blue removable HDPE lid with "SV" marking		

Note:

1. The Tenderer must ensure that their prices reflect all costs associated with the supply and safe delivery of all electrical materials to the Port of Rarotonga, Cook Islands.
2. The Client may pick and choose items where it sees fit with value for money when negotiation and finalising the Contract Agreement.
3. The 15% VAT will be applied where necessary.

A4 Relevant Experience

List the last three (3) Projects of similar nature and scale that you have been involved in the past.

PROJECT	
CLIENT	
COMPLETION DATE	
PROJECT DURATION	
ACTIVITIES PERFORMED	
CONTRACT VALUE	\$

PROJECT	
CLIENT	
COMPLETION DATE	
PROJECT DURATION	
ACTIVITIES PERFORMED	
CONTRACT VALUE	\$

PROJECT	
CLIENT	
COMPLETION DATE	
PROJECT DURATION	
ACTIVITIES PERFORMED	
CONTRACT VALUE	\$

A5 Delivery Schedule

Provide proposed delivery schedule.

DETAILS	DURATION	PROPOSED DATES OF ACTION
Manufacture		
Assemble & pack		
Inspection		
Transport to Port		
Leave international Port		
Arrive Port of Rarotonga, Cook Islands		

A6 Referees

Provide details of your referees so that the Client can contact them for clarifications.

NAME	
ADDRESS	
CONTACT NO.	
EMAIL ADDRESS	
NAME OF PROJECT	

NAME	
ADDRESS	
CONTACT NO.	
EMAIL ADDRESS	
NAME OF PROJECT	

NAME	
ADDRESS	
CONTACT NO.	
EMAIL ADDRESS	
NAME OF PROJECT	

A7 Copy of Certificate of Incorporation

Attach a copy of Certificate of Incorporation (if applicable).

APPENDIX B – SCOPE OF WORKS AND SPECIFICATIONS

B1 Scope of Works

1. Tenderers must allow all costs associated with the manufacture, supply and deliver CIF to the Port of Rarotonga Cook Islands all materials required for the water upgrade project and listed in the A2(i) and A2(ii) Schedules.
2. The following materials are to be supplied and delivered in this Contract:
 - a) PE water pipes
 - b) PE compression fittings
 - c) Miscellaneous materials
3. The following materials are considered optional as per listing in A2(ii) and since it will be subject to funding availability, these may/may not be purchased with this Contract:
 - a) Valve assemblies
 - b) Hydrant assemblies
 - a) Valve boxes
4. All materials must be properly and safely packed on either pallets or in wooden crates and shrink-wrapped to protect these from the elements particularly water ingress during storage, shipment and delivery.

B2 Specifications

B2.1 Polyethylene (PE) Materials

B2.1.1 Pipes

All PE pipes shall comply with AS/NZS4129:2000 and AS/NZS4130:2009 (PE100, SDR17) coloured black with blue stripe and shall have minimum working pressure of PN12.5.

Jointing/coupling shall use mechanical compression fittings, proper tools shall also be provided.

The pipe diameters indicated in this tender document refers to the outer diameter (OD).

Pipes exceeding 6 months of age from date of manufacture shall not be supplied without the approval of the Project Engineer.

All 90mm OD PE pipes shall be supplied in 100m continuous lengths.

B2.1.2 Fittings

All PE fittings shall comply with the AS/NZS4129:2000 standard with minimum working pressure of PN12.5.

Brand name such as Plasson, Marley, Philmac and Alprene or equivalent will be considered in this Contract. It is also mandatory for the Tenderer to specify the product brand being considered in his/her tender submission.

All fittings shall have dimensions in metric units and with sizes referenced to the outside diameter (OD).

All PE materials specified in the Schedules shall include but not limited to:

- Compression couplings
- Compression Y equal tees
- Compression 90deg equal female tees
- Compression 45deg equal female tees
- Compression flange adaptors
- Compression female end plugs

B2.2 Gate Valves

All sluice gate valves shall be of AVK type resilient seated, PN16 rating, Series 57 and manufactured generally in accordance with AS2638.2, stem sealing exchangeable under pressure, face to face dimension to AS2638.2, flange and drilling to AS4087 Figure 5 or AS2129 Table D (4 bolts). The valves shall be applicable for water, sewage, and neutral liquids to maximum 40°C.

The materials shall include:

Gland flange, body and bonnet	Ductile iron, 500-7 to AS1831
Stem cap	Ductile iron, 400-12 to AS1831
Coating	Fusion bonded epoxy resin – internally and externally to AS4158
Stem	Stainless steel, 316 S 11
Stem sealing	NBR wiper ring. 2 NBR O-rings
Wedge	Ductile iron, 500-7 to AS1831, core fully vulcanised with EPDM rubber, with integral wedge nut of dezincification resistant brass, CZ 132 to AS2345
Bushing	Polyamid
Thrust collar and stem seal box	Stainless steel 304, sealed with hot melt
Gland flange bolts	Stainless steel 316
Bonnet gasket	EPDM rubber

All valves shall be hydraulically tested to AS2638.2 and provided with flange gasket kits. Appropriate gasket kits shall be provided between pipe flanges and valves.

The type of external corrosion protection of buried valves and hydrants shall be fusion-bonded medium density polyethylene coating to AS3862 and AS/NZS4321 or thermal-bonded polymeric coating to AS4158.

Valves shall be operated by a removable key. The Contractor shall size “tee key” valve operators and hand wheels to operate the valves under all operating conditions throughout their full range. Hand wheels where

specified and required, shall display an embossed or engraved arrow, together with “open” and/or “close” corresponding to the valve operation.

All valves are to be left hand closed type unless otherwise stated in this tender document.

The minimum identification or marking required to be cast on the body of the valve is as follows:-

- Nominal diameter of the valve in mm (DN?)
- Manufacturer’s name or trademark
- Maximum working pressure

The valves must be suitable for use in terminal, in-line and unsupported positions; double flanged; counter-clockwise rotation for closing; removable vast iron caps; maximum working pressure PN16 and to pass the open-end test.

B2.2.1 Flange Bolts and Gaskets

All flange bolts shall be galvanised the appropriate diameter hexagonal head, ISO coarse thread, with suitable length to suit.

All gaskets shall be 6mm thick, black natural rubber of Durometer hardness 60 to 65 and cut neatly without tearing, to cover the full face of the flange.

B2.2.2 Corrosion Protection

All hydrants, scour and air-release assemblies shall be nylon-coated blue to AS4158 standard.

A petrolatum paste, “Denso 300” or similar approved product shall be used to protect from corrosion all exposed nuts and bolts on all fittings, valves, hydrants, mechanical joints, tapping bands, etc. In areas of corrosive soil, if directed by the Engineer, a protective system shall be applied to all buried ferrous materials including valves, hydrants, tees, bends, tapping heads. The protective system shall comprise Denso 300 paste, Denso 600 tape and Denso 900 over-wrap tape, or an equivalent approved system, applied in accordance with the manufacturer’s recommendations.

B2.3 Hydrant Assemblies

Each hydrant assembly shall be made up of the following fittings:

- a) 1 off 1 off 80mm x 80mm x 80mm flange/flange/flange scour tee
- b) 2 off 80mm diameter flange-socket PN 10 adaptors
- c) 1 off 80mm blank flange tapped 2” BSP
- d) 1 off 1000mm long x 50mm diameter galvanised heavy duty riser pipe with BSP male threads on both ends
- e) 1 off 50mm female/female BSP AVK or equivalent service connection valve PN16
- f) 1 off 50mm male/female BSP galvanised 90deg elbow

The hydrant assembly and construction shall NOT be to any of either the Cook Islands or New Zealand Fire Brigade standard requirement.

All materials constituting the hydrant assembly shall be nylon-coated blue to AS4158 for added protection.

B2.4 Surface Valve Boxes

All surface boxes to cover and protect below-ground valves, and flushing points shall be flush-mounting high density polyethylene (HDPE). The valve boxes shall be of tapered type with dimensions of approximately 340mm wide x 500mm long x 280mm high and 260mm wide x 360mm long x 140mm high.

The removable lids shall be of HDPE material, secured by stainless steel fastenings and have full clear opening which allows easy access for servicing and control. The lids shall be colour-coded in “blue” with “SV” markings on.

Aluminium pins can be incorporated into the lid to assist in location obscured boxes using metal detection equipment.

APPENDIX C – Evaluation Criteria

The Evaluation Criteria has been drawn from the Statement of Requirements, Standard Conditions and Special Conditions as articulated in the RFT. In accordance with Clause 24.5 of the ClGov FPP Manual, Tenders that do not meet the Standard Conditions are deemed non-compliant.

C1 Standard Conditions

Criteria	Compliant (yes or no)
1. Tender was deposited in the Tender Box by the closing time specified in the RFT	
2. Tender is complete with contents and format contained in Appendix A of the RFT has been followed	
3. Proposal and related documentation were submitted in the English language	
4. Tenderer has tendered to complete the whole of the works specified in the RFT	
5. Tenders must be presented in hardcopy format only	
6. All prices must be in NZ dollars and inclusive of freight landed in Rarotonga	

C2 Special Conditions

The weighted criteria methodology will be applied to this RFT to identify the Tenderer who is offering the maximum value for money.

Only fully compliant Tenders will be evaluated. A Tender Evaluation Panel (TEP) will be established to evaluate the Tenders. Expert advisors may be used to support and advise the TEP during the evaluation process. Tenderers may also be required to provide additional information during this time.

The TEP will make recommendations to the ClGov Tender Committee (TC), consisting of the MFEM Financial Secretary and the Solicitor General, and also seek for their approval.

Evaluations will be conducted against the attributes outlined in the table below.

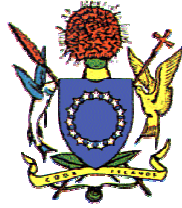
Attribute	Score Weighting
Non-Price attributes	
1. Technical Compliance <ul style="list-style-type: none"> • Does not meet the minimum requirements (5) • Meets the minimum requirements (20) • Exceeds the minimum requirements (35) 	35
2. Delivery Schedule <ul style="list-style-type: none"> • More than 4 months (5) • 4 months (10) • Less than 4 months (15) 	15
3. Local content <ul style="list-style-type: none"> • None (0) • Partial (5) • Full (10) 	10
Total Non-Price attributes	60
4. Price (referenced to lowest price)	40
Total Price attribute	40
TOTAL SCORE WEIGHTING	100

C3 Risk Evaluation

The TEC will conduct a Risk Assessment for each tender submitted. This will identify the most significant risks presented by the Tenderer and consider the Likelihood of the risk occurring; the consequence of that risk; and a risk mitigation strategy. In conclusion, the mitigated risks will be determined to form an overall measure of the risks represented by each tender.

The Risk Mitigation Strategy may include the inclusion of specific clauses in the executed Agreement. Therefore, a tender considered to be high risk may still be selected subject to the Tenderer's willingness to accept the proposed Agreement amendments.

APPENDIX D – DRAFT PURCHASE AGREEMENT



PURCHASE AGREEMENT

Government: Her Majesty the Queen acting by and through the Office of the Prime Minister

Signed: _____

Name: Elizabeth Wright

Position: Chief of Staff

Date: _____

Supplier: _____

Signed: _____

Name: _____

Position: _____

Date: _____

Product and Services: Supply and delivery of Water Pipes and Fittings for the Atiu Water Upgrade Project (Phase 1)

Delivery: Cost, Insurance and Freight (CIF) to the Port of Rarotonga, Cook Islands within 4 calendar months from Contract Agreement signing

Total Purchase Price: NZ\$_____ excluding VAT

(in words, excluding VAT)

Payment will be made in two (2) instalments:

- a) The first instalment, equal to 50% of the total Price, is payable within five (5) Working Days of executing the Terms and Conditions, provided an accurate tax invoice has been received by the CIGov.
- b) The second instalment, equal to 30% of the total Price, is payable within ten (10) Working Days of the equipment being loaded on shipment at the Port of Rarotonga Cook Islands, provided copies of the Bill of Lading have been received by the CIGov together with an accurate tax invoice.
- c) The third and final instalment, equal to 20% of the total Price, is payable within ten (10) Working Days of the equipment being landed, inspected and accepted at the Port of Rarotonga Cook Islands, provided an accurate tax invoice has been received by the CIGov.

Insurance: The Supplier shall provide full Public Liability Insurance cover that provides indemnity for legal liability to pay compensation for personal injury or property damage sustained by a third party which resulted from the policyholder's negligence.

Contact Person: Cook Islands Government Contact: Ngateina Rani (Project Engineer)

Supplier Contact: _____

Additional Terms

Rejection: In addition to the reason to reject the equipment in Clause 5.7 of the Terms and Conditions, the CIGov may also reject any material where:

- (a) This do not conform with the specification provided in the Schedule of Materials and Prices;
- (b) Any deviation from specification is found not considered acceptable.

Liquidated Damages: If the Supplier fails to complete the works in accordance with the Terms and Conditions within the time fixed or any agreed or permitted extension of time, then without prejudice to and notwithstanding the exercise of any right of the CIGov to terminate the Terms and Conditions, liquidated damages shall be payable at the rate of 0.5% of total Price (including VAT), for each day of the delay.

Special Requirements

Standards: All materials shall be designed, manufactured and tested in accordance with the latest editions of the applicable and relevant standards.

Specifications: All materials and equipment shall comply in all respects with the requirements of the specifications.

Non-Conforming: The CIGov shall retain full responsibility for decisions regarding acceptance, modification or rejection of non-conforming materials.

Condition: All materials shall be new and never been used on the field or applications.

APPENDIX E – General Terms and Conditions for Supply of Product and Services

Attached as a separate file.