



American Samoa Power Authority

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ISSUANCE DATE: December 12, 2023
RFP NO.: RFQ NO. ASPA24.007 – Aunu'u Desalination System
SUBJECT: Addendum No. 1

The American Samoa Power Authority hereby issues Addendum No. 1 to amend Request for Quotations (RFQ) requirements. This addendum is issued pursuant to the conditions of the RFQ documents and is hereby made part of the RFQ. The addendum serves to clarify, revise, and supersede information contained in the RFQ. The Offeror must acknowledge receipt of this addendum in the appropriate space provided in the Addendum Form. Failure to do so may subject the Offeror to disqualification.

- 1. The closing deadline has been extended as follows:

Closing Deadline: Friday, January 5, 2024 at 2:00PM

- 2. Responses to inquiries following the posting of the first addendum are included as part of this Addendum #1.

Should you have any questions or need clarification, please call me at (684) 699-3057 or procurement@aspower.com.

Sincerely,

Renee Leotele Togafau
Procurement Manager

Please sign and date below to acknowledge receiving Addendum 1. You may return this document via email at procurement@aspower.com, or the ASPA Procurement Office.

ACKNOWLEDGEMENT OF RECEIVING ADDENDUM 1

Received by _____, this _____ day of _____ 2023.
Company _____ Title _____
Fax No. _____ Email Address _____

RFQ NO. ASPA24.007 - AUNU'U DESALINATION SYSTEM

No.	Question	Answer:
1	Can you confirm we have to provide one brackish water reverse osmosis system for the 6 following sites: Aunu'u, Aua, Pago Pago, Fagaitua, Aoa and Alao	Brackish RO systems for Aua, Pago Pago, Fagaitua, Aoa and Alao. For Aunu'u system, its a desalination system for seawater.
2	The scope of work documents present the following flow for each well. Can you specify if this flow is raw water flow, or is the permeate water flow to be produced?	These are the raw water flow (average) coming from the wells and feeding into RO system. Please note that flow rates from the source (groundwater wells) fluctuate to lower rates, RO system must be able to handle varying flow rates and lower flow rates than specified.
2a.	In Item 1 of the Board in attachment B of RFQ NO. ASPA24.007 is specific at least 60 gpm per punit. For eastside of Tutuiland island, should we provide 5 reverse osmosis unit producing each 60 gpm or 2 units producing 150 gpm and 3 units producing 30 gpm.	ASPA24.007 for Aunu'u, unit must be able to provide a permeate range from 40 to 60gpm and handle varying flow from source. Aunu'u system must be a desalination system, source is seawater. For RO systems for Eastern Tutuila, there are 3 sites, each site is different: Alao average flow rate from well is 30gpm, Fagaitua average flow rate from source is 20gpm, Pago Pago average is 120gpm. System must be able to handle varying flow rates from the wells. Aua system is not included in this RFW>
3	Can you specify the volume of water to be produced for Aunu'u?	Permeate Range from 40 to 60gpm (SOW states required permeate is 60gpm but a range between 40 to 60 gpm is acceptable)
4	To summarize, can you specify for each uni the volume (per minute or per hour) of drinking water to be produced?	See SOW ASPA24.008 & ASPA24.007 pages 5 and 6 for Pago Pago, Fagaitua and Alao. Aunu'u desal system, 40 to 60gpm. All systems proposed must be able to accomodate varying flows especially when flows are low.
5	Can you specify the scope of work for each site:	
5a.	Intake pump?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5b.	Pretreatment (sandfiltration and antiscalant station)?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5c.	Intermediate raw water tank?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5d.	Feed pump?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5e.	Reverse osmosi unit?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5f.	Post treatment (chlorination and remineralization)?	Vendor must provide thenaplicable and suitable option in their system proposal based on the source flow rates and chloride levels stated in SOW.
5g.	Commissioning and training?	Please include costs in proposal
6	Is energy consumption taken into account in the evaluation process? We have developed solution to reduce energy consumption and would like to know how energy consumption will be taken into account in the evaluation process?	Yes energy consumption is taken into account
7	The scope of work mentions that two tenders will be issued: (1) Professional A/E Services for the Design, Supply, Permitting, Installtion and Commissioning of Aunu'u Desalination System; (2) Supply, Delivery and Commissioning of RO Systems. Do you confirm the tenders mentioned and published on the website (ASPA 24.007 and ASPA 24.008) only concerns supply and delivery of the RO systems and not the A&E services for Design, Supply, Permitting, Installation and Commissionig of Aunu'u Desalination System?	RFQ is only for supply and delivery of units to ASPA
8	Can you specify the differences between ASPA24.007 and ASPA24.008? To my understanding, (1) ASPA24.007 concerns the 5 sites in Eastide of Tutuila Island and Aunu'u; (2) ASPA24.008 concerns only 3 sites in Tutuila (Pago, Fagaitua and Alao) - these 3 sites are already included in ASPA24.007?	ASPA24.008 is for Alao, Pago Pago and Fagaitua RO systems. ASPA24.007 is for Aunu'u Desalination system.
9	As a result which template should we use to answer these tenders? Attachment B (Bid Form) for ASPA24.007 and ASPA24.008 are no the same documents. Can you specify which attachment to use with the breakdown per site, unitary price per system and quantiy? Can you share the bill of quantity of Attachment B - Bid Form?	ASPA24.008 is for Alao, Pago Pago and Fagaitua RO systems. ASPA24.007 is for Aunu'u Desalination system. Use the correct bid form for the unit proposed.
10	We provide RO units that can be powered by solar panles directly to reduce the energy consumption of the system. This solution is particularly interesting for desalination units in remoted sites as RO technology is energy consuming. Is it interesting for ASPA if we provide also solar system as an option to power the RO units of the projects? If yes, how will this be taken into account in the tender evaluation process?	Yes please provide all possible and applicable options .
11	Are fully integrated plug and play containerized solutions (20 or 40 feet) with eh RO units inside and the solar on the roof interesting for ASPA for this project as an option?	Yes
17	It is specified in the invitation to bid that hard copies will be required for quotes exceeding 25 pages. Is it possible to sned our quotes and offer by email only and we don't have an office in American Samoa?	Yes, please ensure all emails are received by or before the closing date and time to procurement@aspower.com , with the tender number in the subject line
18	Would ASPA consider an extension to the closing date?	Yes. New closing date Friday, January 5, 2024 at 2:00PM
19	Please clarify if installation at site is part of the RFQ?	Installation is done by ASPA. Vendor is to supply and deliver unit to ASPA
20	Is there a water analysis lab report for the Aunu'u project?	None available at the moment. Source is Aunu'u ocean water.

21	Can you let us know what to fileter, and what pre and post treatment is needed to preserve filter and membrane life of the RO? Is there salt intrusion, and if so, how much?	Yes salt water intrusion is common in the Tutuila Island eastern groundwater wells. Vendor must propose options for pre and post treatment needed to preserve the useable life for filter and membranes included with system provided in the proposal.
22	There should be control ranges for the treated water after the RO is done. Where does the reject water or waste water from the RO's go?	Reject water will be disposed downgradient and away from project site.
23	We estimate the population of Aunu'u at approximately 500 persons and the output of the plant to be 150~300L/day*population. Please confirm.	Confirmed
24	Is there a well nearby? Where is the water source? From a well, or seawater?	Seawater
25	Does ASPA have a facility to pump seawater?	ASPA will set up facility to pump the seawater
26	Does ASPA have a facility to provide filtered water?	ASPA will set up facility to supply, but Offeror must make reccomendations for permeate storage setup. Options to supply the water storage tank for permeate can be included in bid if Offeror wants