

REQUEST FOR TENDERS

RFT:	PWP-277-CON
File:	AP_6/5/8/4
Date:	15 March, 2024
To:	Interested contractors
From:	PacWastePlus Finance and Procurement Officer

Subject: Request for tenders (RFT): Procure, install, and commission a healthcare incinerator at the Aimeliik Landfill, Palau.

1. Background

- 1.1. The Secretariat of the Pacific Regional Environment Programme (SPREP) is an intergovernmental organisation charged with promoting cooperation among Pacific islands countries and territories to protect and improve their environment and ensure sustainable development.
- 1.2. SPREP approaches the environmental challenges faced by the Pacific guided by four simple Values. These values guide all aspects of our work:
 - We value the Environment
 - We value our People
 - We value high quality and targeted Service Delivery
 - We value Integrity
- 1.3. For more information, see: <u>www.sprep.org</u>.

2. Specifications: statement of requirement

- 2.1. SPREP wishes to call for tenders from qualified and experienced contractors who can offer their services to procure, install, and commission a healthcare incinerator to be placed at the Aimeliik Landfill of Palau.
- 2.2. The Terms of Reference for the consultancy are set out in Annex A.
- 2.3. The successful contractor must supply the services to the extent applicable, in compliance with SPREP's Values and Code of Conduct: <u>https://library.sprep.org/sites/default/files/sprep-organisa-tional-values-code-of-conduct.pdf.</u> Including SPREP's policy on Child Protection, Environmental Social Safeguards, Fraud Prevention & Whistleblower Protection and Gender and Social Inclusion.
- 2.4. SPREP Standard Contract Terms and Conditions are non-negotiable

3. Conditions: information for applicants

- 3.1. To be considered for this tender, interested consultants must meet the following conditions:
 - i. Submit a detailed Curriculum vitae detailing qualification and previous relevant experience for each proposed personnel;
 - ii. Provide three referees relevant to this tender submission, including the most recent work completed;
 - iii. Complete the <u>tender application form</u> provided (*Please note you are required to complete in full all areas requested in the Form, particularly the Statements to*



iv.

demonstrate you meet the selection criteria – DO NOT refer us to your CV. Failure to do this will mean your application will **not** be considered). Provide examples of past related work outputs For the Technical and Financial proposals you may attach these separately. Provide a copy of valid business registration/license.

- 3.2 Tenderers must declare any areas that may constitute conflict of interest related to this tender and sign the **conflict of interest form** provided.
- 3.3 **Tenderer is deemed ineligible due to association with exclusion criteria, including** bankruptcy, insolvency or winding up procedures, breach of obligations relating to the payment of taxes or social security contributions, fraudulent or negligent practice, violation of intellectual property rights, under a judgment by the court, grave professional misconduct including misrepresentation, corruption, participation in a criminal organisation, money laundering or terrorist financing, child labour and other trafficking in human beings, deficiency in capability in complying main obligations, creating a shell company, and being a shell company.
- 3.4 Tenderer must sign a declaration of **honour form** together with their application, certifying that they do not fall into any of the exclusion situations cited in 3.3 above and where applicable, that they have taken adequate measures to remedy the situation.

4. Submission guidelines

- 4.1. Tender documentation should demonstrate that the interested consultant satisfies the conditions stated above and in the Terms of Reference and is capable of meeting the specifications and timeframes. Documentation must also include supporting examples to address the evaluation criteria.
- 4.2. Tender documentation should be submitted in English and outline the interested consultant's complete proposal:
 - a) SPREP Tender Application form and conflict of interest form. (Please note you are required to complete in full all areas requested in the Form, particularly the Statements to demonstrate you meet the selection criteria DO NOT refer us to your CV. Failure to do this will mean your application will not be considered). Provide examples of past related work outputs
 - For the Technical and Financial proposals you may attach these separately.
 - b) Honour form
 - c) **Curriculum Vitae** of the proposed personnel to demonstrate that they have the requisite skills and experience to carry out this contract successfully.
 - d) **Technical Proposal** which contains the details to achieve the tasks outlined in the Terms of Reference.
 - e) Financial Proposal provide a detailed outline of the costs involved in successfully delivering this project submitted in United States Dollars (USD) and inclusive of all associated taxes.
- 4.3. Provide three referees relevant to this tender submission, including the most recent work completed.
- 4.4. Tenderers/bidders shall bear all costs associated with preparing and submitting a proposal, including cost relating to contract award; SPREP will, in no case, be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 4.5. The tenderer/bidder might be requested to provide additional information relating to their submitted proposal, if the Tender Evaluation Committee requests further information for the



purposes of tender evaluation. SPREP may shortlist one or more Tenderers and seek further information from them.

- 4.6. The submitted tender proposal must be for the entirety of the Terms of Reference and not divided into portions which a potential tenderer/bidder can provide services for.
- 4.7 The Proposal must remain valid for 90 days from date of submission.
- 4.8 Tenderers must insist on an acknowledgement of receipt of tender.

5. Tender Clarification

- 5.1. a. Any clarification questions from applicants must be submitted by email to <u>pwp.procure-ment@sprep.org</u> before 08 April 2024. A summary of all questions received complete with an associated response posted on the SPREP website <u>www.sprep.org/tender</u> by 10 April 2024
 - b. The only point of contact for all matters relating to the RFT and the RFT process is the SPREP Procurement Officer.
 - c. SPREP will determine what, if any, response should be given to a Tenderer question. SPREP will circulate Tenderer questions and SPREP's response to those questions to all other Tenderers using the SPREP Tenders page (<u>https://www.sprep.org/tenders</u>) without disclosing the source of the questions or revealing any confidential information of a Tenderer.
 - d. Tenderers should identify in their question what, if any, information in the question the Tenderer considers is confidential.
 - e. If a Tenderer believes they have found a discrepancy, error, ambiguity, inconsistency or omission in this RFT or any other information given or made available by SPREP, the Tenderer should promptly notify the Procurement Officer setting out the error in sufficient detail so that SPREP may take the corrective action, if any, it considers appropriate.

6. Evaluation criteria

- 6.1. SPREP will select a preferred consultant on the basis of SPREP's evaluation of the extent to which the documentation demonstrates that the tenderer offers the best value for money, and that the tender satisfies the following criteria:
- 6.2. A proposal will be rejected if it fails to achieve 70% or more in the technical criteria and its accompanying financial proposal shall not be evaluated.

Criteria	Detail	Weighting
Experience & Expertise	Demonstrated experience in manufacturing/supplying high temperature healthcare waste incinerator equipment to effec- tively treat biologically hazardous waste including design spec- ifications that minimize harmful emissions (e.g. dioxins and fu- rans).	10%
	Demonstrated experience in the provision, installation, com- missioning and maintenance of high temperature healthcare	10%

I. Technical Score – 80%



	waste incinerators, housing and footings appropriate for tropi- cal climates and natural disaster-prone environments	
	Demonstrated experience in the production and execution of maintenance program for healthcare waste incinerators, ancil- lary equipment and after sales service to ensure continued ef- fective operation	10%
	Demonstrated experience (evidence to be provided) in arrang- ing and managing shipping: including insurances, documenta- tion, customs, and other clearance documentation; to ensure delivery to quoted timeframes.	10%
	Demonstrated experience in delivery of operator training and assessment (experience in training people from diverse lan- guage and cultural backgrounds and with low literacy skills is desirable).	10%
Design and Specification of healthcare waste incinera- tor solution	 Proposed Project Methodology Detailed methodology for how the project is proposed to be delivered (including timeframe and team responsibilities where applicable and details of subcontractors to be uti- lized where required) Detailing activities to be conducted over the term of the en- gagement. 	30%
	 Details on the schedule and timeframe required to provide the deliverables. 	

II. Financial Score – 20%

The following formula shall be used to calculate the financial score for ONLY the proposals which score 70% or more in the technical criteria:

Financial Score = a X
$$\frac{b}{c}$$

Where:

a = maximum number of points allocated for the Financial Score

b = Lowest bid amount

c = Total bidding amount of the proposal

7. Variation or Termination of the Request for Tender

7.1 a. SPREP may amend, suspend or terminate the RFT process at any time.

- b. In the event that SPREP amends the RFT or the conditions of tender, it will inform potential Tenderers using the SPREP Tenders page (<u>https://www.sprep.org/tenders</u>).
- c. Tenderers are responsible to regularly check the SPREP website Tenders page for any updates and downloading the relevant RFT documentation and addendum for the RFT if it is interested in providing a Tender Response.
- d. If SPREP determines that none of the Tenders submitted represents value for money, that it is otherwise in the public interest or SPREP's interest to do so, SPREP may terminate this RFT



process at any time. In such cases SPREP will cancel the tender, issue a cancellation notice and inform unsuccessful bidders accordingly.

8. Deadline

- 8.1. The due date for submission of the tender is: 17 April 2024, midnight (Apia, Samoa local time).
- 8.2. Late submissions will be returned unopened to the sender.
- 8.3 Please send all tenders clearly marked '**PWP-277-CON**: **Procure, install, and commission a healthcare incinerator at the Aimeliik Landfill, Palau.**'
 - Mail: SPREP Attention: Procurement Officer PO Box 240 Apia, SAMOA Email: tenders@sprep.org (MOST PREFERRED OPTION) Fax: 685 20231
 - Person: Submit by hand in the tenders' box at SPREP reception, Vailima, Samoa.
 - Note: Submissions made to the incorrect portal will not be considered by SPREP. If SPREP is made aware of the error in submission prior to the deadline, the applicant will be advised to resubmit their application to the correct portal. However, if SPREP is not made aware of the error in submission until after the deadline, then the application is considered late and will be returned unopened to the sender.

SPREP reserves the right to reject any or all tenders and the lowest or any tender will not necessarily be accepted.

SPREP reserves the right to enter into negotiation with respect to one or more proposals prior to the award of a contract, split an award/awards and to consider localised award/awards between any proposers in any combination, as it may deem appropriate without prior written acceptance of the proposers.

A binding contract is in effect, once signed by both SPREP and the successful tenderer. Any contractual discussion/work carried out/goods supplied prior to a contract being signed does not constitute a binding contract.

For any complaints regarding the Secretariat's tenders please refer to the Complaints section on the SPREP website <u>http://www.sprep.org/accountability/complaints</u>



Annex A: Terms of Reference

Procure, Install, and Commission a Healthcare Incinerator at the Aimeliik Landfill, Palau

1. BACKGROUND

The Secretariat of the Pacific Regional Environment Programme (SPREP) is working with the European Union's Delegation to the Pacific, and 14 Pacific Island Countries and Timor-Leste to undertake the PacWastePlus Programme (the Project) which seeks to improve and enhance waste management activities and the capacity of governments, industry, and communities to manage waste to reduce the impact on human health and the environment.

PacWastePlus seeks to generate improved economic, social, health and environmental benefits for Pacific Island Countries arising from stronger regional economic integration and the sustainable management of natural resources and the environment. The programme activities will be designed to assist Countries to ensure the safe and sustainable management of waste with due regard for the conservation of biodiversity, reduction of marine litter, health and well-being of Pacific Island communities, and climate change mitigation and adaptation requirements.

Activities for PacWaste Plus will focus on targeted priority waste streams which are: hazardous wastes (specifically **asbestos**, **e-waste** and **healthcare waste**),solid wastes (specifically **recyclables**, **organic waste**, **disaster waste and bulky waste**),and related aspects of **wastewater** (water impacted by solid waste).

2. INTRODUCTION TO PROJECT

This engagement seeks the procurement, installation, commissioning, and staff training for a new fitfor purpose high-temperature incinerator for installation at Aimeliik Landfill in Palau. The high-temperature incinerator must be able to service the following:

Issue / Criteria	Comment	
Hospital size (no. beds, typical occupancy rate, etc)	 Population served: 21,000 Number of beds: 80 (surge capacity of 100) Occupancy Rate: 67% Total number of staff: 400 	
Daily waste generation from hospital operations and % requiring incinera- tion.	200 kg/week (Based on estimation only – no weighed data pro- vided, or approximate quantities provided, based on anecdotal evi- dence from hospital staff)	
Typical items needed to be incinerated	Body parts after surgery and needles, vials, and syringes.	
Required environmental controls	None currently.	
Safe Operation	Provide for safe and ergonomic operation of the workspace for op- erators and ability to safely store, handle, and process the items for incineration. This might include considerations of ergonomic oper- ation of equipment, ability to efficiently receive waste items and space to store spare parts, PPE, etc.	
	Recommended equipment required for the operation of the inciner- ator shall be specified and included in quote.	



Issue / Criteria	Comment
Manufacture	Be prefabricated and able to be safely delivered to Palau with available infrastructure. Installation activities required once inciner- ator delivered to the hospital along with required tools and equip- ment maintain the incinerator is to be specified in the proposal.
Design of incinerator and enclosure (shed)	Designed and installed to safely withstand a tropical cyclone, in- cluding the ability to "close-up", and provision of hooks, mounts and/or chains to provide for cyclone tiedown.
	Site preparation and construction of concrete footings and cyclone tiedown blocks should be included in the quotation.

3. EXPECTED OUTCOMES

The activity seeks to engage a consultant to deliver the following services:

- Design of incinerator and enclosure (shed) to safely withstand a tropical cyclone, including the ability to "close-up", and provision of hooks, mounts and/or chains to provide for cyclone tiedown. Site preparation and construction of concrete footings and cyclone tiedown blocks should be included in the quotation.
- 2. The procurement, installation, and commissioning of a high-temperature healthcare waste incinerator at the Aimeliik Landfill suitable for use by the Belau National Hospital on the Island of Koror in Palau.
- 3. Training on identification and maintenance of all incineration plant components and operation of the incineration plant in an effective and environmentally sound manner.

4. SCOPE OF WORK

PacWastePlus seeks Tender submissions from reputable companies experienced in the supply and delivery of specified equipment.

Table 1: Scope of Work

Phase	Description	Documentation SPREP will provide	Consultant Output
Inception	 Lead an inception meeting with the PacWastePlus to discuss the delivery of the project, addressing all issues likely to cause delays (risk management), and ensure a common understanding of the action, and required outputs. The Contractor shall create and submit to SPREP a Work Plan that shall upon execution ensure effective delivery of services under this contract. The Draft Work Plan shall contain at a minimum a: Proposed time schedule and sequence of events that the Contractor shall use to meet the contract deliverables, including preparation stages, classification, review, testing, and documenting. General description of the methods which the Contractor proposes to adopt for executing the contract Comprehensive risk plan to ensure effective delivery of services. An explanation of how the Incinerator is to be protected to withstand the harsh humidity and marine environment experienced on Kiritimati Island. Any further details and information as SPREP may reasonably require. Specifically, it is expected that the workplan will acknowledge issues including, but not limited to the following: Confirmation of expected incinerator throughput, based on Balau National Hospital. Incinerator location at hospital site. Details of planning for site preparation. 	Baseline Study for the Pacific Hazardous Waste Management Project Healthcare Waste, Palau, ENVIRON Australia Pty Ltd, July 2014.	 Inception meeting Minutes of the inception meeting with confirmation of activities, and scope of work to be developed and agreed by meeting participants prior to commencement of any activities. Draft Work Plan Draft Work Plan including project activities and milestones for effective delivery of services under this contract shall be delivered to SPREP for its consideration and comment. Final Work Plan incorporating revisions and addressing comments from SPREP
	 Details of hospital consultation regarding location, and operations. 		

Phase	Description	Documentation SPREP will provide	Consultant Output
	 Details of any discussions or consultation that may be needed with neighbours or surrounding residents to manage any community concern regarding location and operation of incinerator Procurement plan noting the purchase or manufacture of necessary parts. Development and provision of training for operations staff. Plan for installation and commissioning activities. 		
Design of	Incinerators is to be protected to withstand the harsh humidity and marine en-	Nil	Draft Installation Guide
Incinerator Shed	vironment experienced on Palau. Any "add-ons" (such as a roof for shade, high-stack, etc.) that may require on- site installation are to be pre-made to require minimal construction work in Pa- lau.		Draft Installation Guide providing guidance for on-site installation of the shed sub- mitted to SPREP for consid- eration and comment
	An illustrative installation guide is to be developed. All on-site installation is to be specified in the proposal and required tools, equipment, and materials in-		Final Installation Guide
	 Undertake quality check of incinerator post manufacture and certify all "add-ons" and required spare parts, tools, equipment, and materials are procured and available prior to shipping. 		Final Installation Guide providing guidance for on-site installation of shed incorporating revisions and addressing all comments by SPREP.
Completion of Required Procurement & Manufacture of Incinerator	Manufacture/ procure healthcare waste incinerator to meet the required speci- fications.	Nil	Procurement/Manufacture of healthcare waste incinera-
	The incinerator must incorporate among other items:		tor for London Hospital.
	 Modular design allowing easy replacement and reliable access to parts. The operating system must accommodate variable electricity quality and interruption of electricity supply. Controlled combustion providing the absence of coloured or odorous smoke. 		Proof of Procurement (Or- ders placed for required fabri- cation and unit parts pur- chasing to include SPREP as a co-signer/co-buyer)

Phase	Description	Documentation SPREP will provide	Consultant Output
	 Automatic operation following start-up Efficient fuel consumption. Associated or inbuilt fuel tank. Temperature gauge or indication device for each combustion chamber. Safe loading access for the operator. Chimney. 		Provision of Certificate of Manufacture for procured healthcare waste incinerator.
	Provide proof of procurement being undertaken (Orders placed for required fabrication and unit parts purchasing)		
	Upon undertaking procurement SPREP shall be included as a co-signer/co- buyer. SPREP will be responsible to complete procurement of required parts for incinerator units should the consultant be unable to complete required ac- tions.		
	Provision of a Certificate of Manufacture for incinerator including, but not lim- ited to:		
	 stainless steel stacks, fuel tank and tank stand. burners, oil piping and other required components. 		
Delivery	Arrange for, and manage, the delivery of the incinerator, spare parts, and tools to the Belau National Hospital on the Island of Koror in Palau. Include in quote all expenses to reach this destination including insurance, stevedores, packing, loading, freight cost, land transport, customs, and other clearance documentation etc.	Nil	Delivery of incinerator and parts to Belau National Hos- pital and confirmation that all parts have arrived, and in- stallation and commissioning
	The Belau National Hospital/Palau Bureau of Health Services will formally re- ceive the incinerator upon arrival to Palau. A representative of the contractor should also be present to inspect for quality and ensure all parts and materials have arrived.		can occur.

Phase	Description	Documentation SPREP will provide	Consultant Output
Incinerator & Shed Installation Start	Installation of healthcare waste incinerator and shed for use at the Belau Na- tional Hospital	Nil	Provision of a Certified Com- missioned Data Sheet to be provided to the hospital and
Up & Operation	Completion of the curing procedure		SPREP for future reference.
	Execute a minimum of two trial burns over two separate days. At the conclu- sion of this process the maximum batch size, burn time and combustion air settings must be confirmed and documented in an as commissioned data sheet which is to be provided to the hospital and SPREP for future reference.		
	Once completed proof of commissioning shall be provided with a signed Com- missioning Data sheet. This sheet shall provide documented proof of the completion of the curing procedure in the form of a manual temperature log and timed and dated photographs of the system temperature controller.		
Certificate of Manufacture	Provision of certificate of manufacture for replacement stainless steel stacks, fuel tank and tank stands, as well as the procured burners, oil piping and other required components	Nil	Provision of <i>Certificate of</i> <i>Manufacture</i> for parts pro- cured for the three healthcare waste incinerators.
Incinerator Theory and Operational	A minimum of 3 informal training sessions for a duration of not less than 30 minutes shall be performed for the incinerator operational staff.	Nil	Three (3) Informal Training Sessions for a duration of not less than 30 minutes
Training for Belau National Hospital staff	The first session shall be performed at the conclusion of plant installation ei- ther after or during the refractory curing procedure.		shall be performed for the in- cinerator operational staff.
	Two more training sessions shall be performed on two separate days simulta- neously with the incinerator start up trial burns.		
	Training shall address the theory of operation of the incineration plant, identifi- cation and maintenance of all incineration plant components and operation of the incineration plant in an effective and environmentally sound manner.		
Report	The Report documenting the installation and successful commissioning of the	SPREP/PWP	Draft Report
	incinerator shall contain but not be limited to the following information for each incinerator repair:	transfer of assets form	Documentation of the instal- lation and commissioning of the incinerator.

Phase	Description	Documentation SPREP will provide	Consultant Output
	 Confirmation that the incinerator is commissioned and fully operational. Confirmation that weatherproofs incinerator housing, footings and electrical connections and fuel storage as necessary have been provided. Documentation of the handover process using the SPREP/PWP transfer of assets form. Documentation of incinerator operational raining and listing of attendees. Certificate of Manufacture for parts procured for the healthcare waste incinerator. 		Final Report Final Report incorporating re- visions and addressing all comments by reviewers on the Draft Report
Maintenance ProgrammeDevelop an illustrative maintenance programme to enable maintenance of incinerator for 5 years post installation and identification/repair of damage. Maintenance programme to be illustrative to enable easy following by operators with limited literacy.NilThe maintenance programme is to specify required parts, tools, equipment, and materials to enable maintenance of depots for 5 years post installation. These materials will be provided with incinerator. All maintenance requirements and parts, tools, equipment, and materials is to be included in quote.Nil	Nil	Draft Maintenance Pro- gramme Draft Maintenance Pro- gramme highlighting mainte- nance of incinerator for 5 years post installation sub- mitted to SPREP for consid- eration and comment	
	Maintenance programme to specify the timeframe and activities for using the supplied parts, tools, equipment, and materials. Maintenance programme is to be presented to the Belau National Hospital Officer in Charge upon commissioning of the incinerator.		Final Maintenance Pro- gramme Final Maintenance Pro- gramme highlighting mainte- nance of incinerator for 5 years post commissioning in- corporating revisions and ad- dressing all comments by re- viewers.

Phase	Description	Documentation SPREP will provide	Consultant Output
Warranty	Provide a 5-year warranty for the incinerator. If Incinerator experiences signifi-	Nil	5-Year Warranty
	cant corrosion or other damage (outside ordinary wear and tear) that is deemed, by an independent review panel at SPREP, was unable to be pre- vented through the set maintenance programme, assistance and necessary parts, materials, equipment to and staff, to repair the incinerator is expected to be provided.		Provide a 5-year parts and repair warranty for the incin- erator, providing for corrosion or other damage (outside or- dinary wear and tear) that was deemed unable to be prevented through the set maintenance programme.

Consultant Responsibilities

The consultant will be responsible for scheduling meetings with stakeholders and SPREP, taking minutes, and distributing draft documents for comment prior to finalising.

5. PROPOSED SCHEDULE OF WORK

Activities to be completed no later than October 01, 2024, with a desire for activities to be completed before this timeline. Discussions on the final timeline will be had with successful supplier.

Expected project activity is detailed below, it is expected that tenderers will detail how and when each of these steps will be delivered.

Activity/Deliverable	Timeline
Inception meeting	No later than two (2) weeks from date of Contract Execution
Draft Work Plan	No later than four (4) weeks from date of Contract Execution
Final Work Plan	No later than two (2) weeks from date of receipt of fi- nal comments on draft Work Plan
Draft Installation Guide	No later than four (4) weeks from date of approval of Final Work Plan
Final Installation Guide	No later than two (2) weeks from date of receipt of fi- nal comments on draft Installation Plan
Proof of Procurement	No later than twenty (20) weeks from approval of Final Work Plan
Provision of <i>Certificate of Manu- facture</i> for parts	No later than twenty (20) weeks from approval of Fi- nal Work Plan
Installation of Shed, Startup and Commissioning of Belau National Hospital Incinerator	No later than twenty (20) weeks from approval of Fi- nal Work Plan
Incinerator Operational Training for Belau National Hospital staff	No later than twenty (20) weeks from approval of Final Work Plan
Draft Report	No later than four (4) weeks from installation startup and commissioning of London Hospital Incinerator and operational training
Final Report	No later than two (2) weeks from date of receipt of fi- nal comments on draft Report

6. BUDGET

Submissions are required to itemise all financial elements of their proposal in USD.

Submissions that exceed \$100,000 may not be considered.

Submissions must include an annotated budget listing for each task.

SPREP reserves the right to withdraw this tender at any time, reserves the right to accept or reject any or all bids and to waive any formal defects or irregularities in the bids, when deemed to be in the interest of SPREP.

7. Other Information

The successful consultant will be provided with any relevant project documentation.

The successful consultant must supply the services to the extent applicable, in compliance with SPREP's Values and Code of Conduct <u>https://www.sprep.org/attachments/Publications/Corpo-</u><u>rate_Documents/sprep-organisational-values-code-of-conduct.pdf</u>. Including SPREP's policy on Child Protection, Environmental Social Safeguards, Fraud prevention & Whistleblower Protection and Gender and Social Inclusion.