



**YAP STATE GOVERNMENT**  
**FEDERATED STATES OF MICRONESIA**  
**EXPRESSIONS OF INTEREST**  
**COLONIA WATER STORAGE TANK 1(Dololeb), 2(Nimar)**  
**REPAIR AND REFURBISHMENT**

**Date Posted:** May 24, 2021

**Procurement Type:** Sources Sought

**Synopsis:**

This announcement constitutes an Expressions of Interest where potential contractors can record their interest in this upcoming project of the Yap State Government. This is not a Request for Proposal (RFP). This announcement is for information and planning purposes only and is not to be construed as a commitment by the Government, implied or otherwise, to issue a solicitation award of a contract.

The Yap State Government requests letters of interest from PRIME CONTRACTORS interested in performing work to repair and refurbish Colonia Water Storage Tanks 1(Dololeb) and 2(Nimar), Yap, FSM.

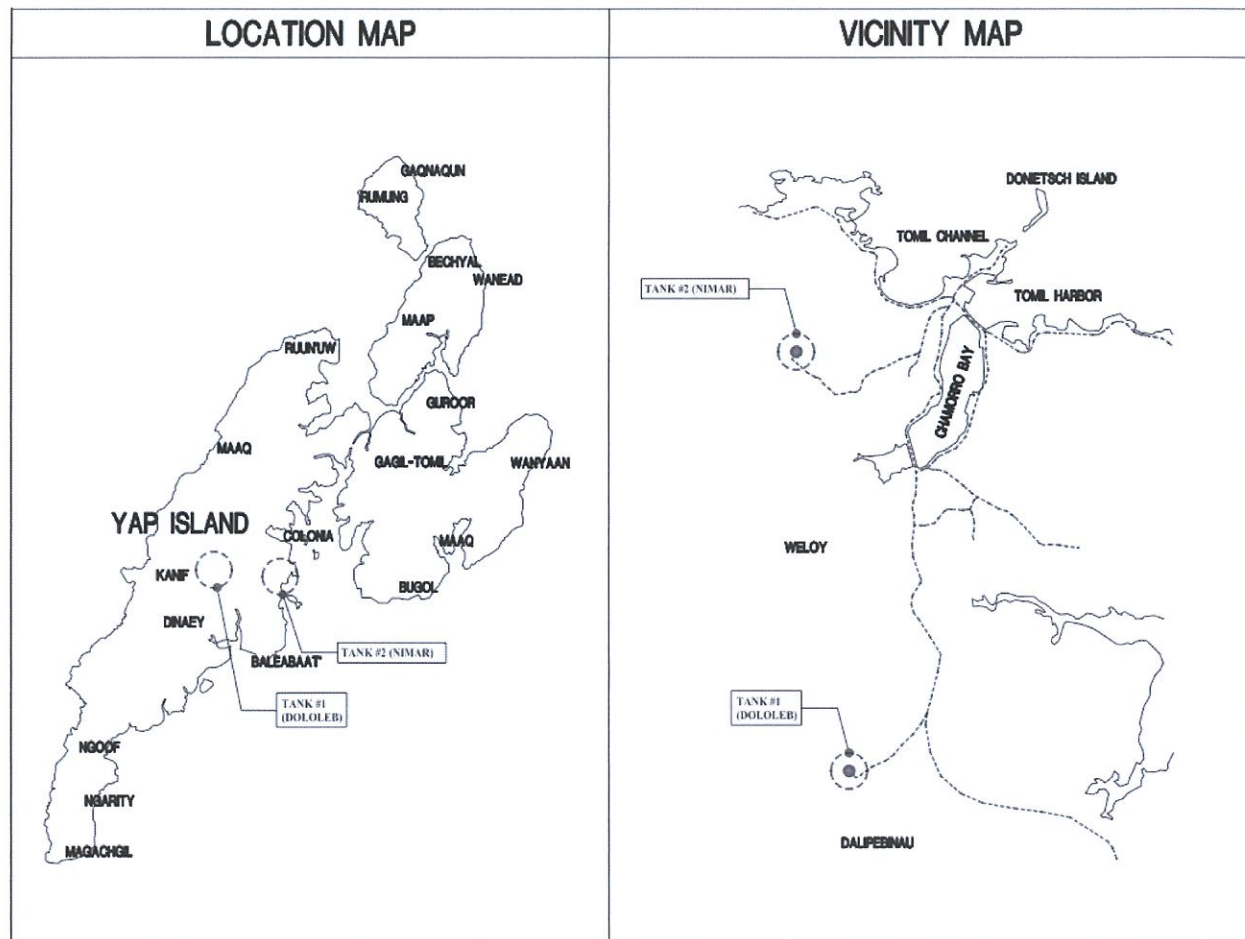
**Conditions of Contract:** FIDIC Red Book (Conditions of Contract for Construction)

**Scope and Location:**

The Federated States of Micronesia (FSM) is a grouping of 607 small islands in the Western Pacific about 2,500 miles southwest of Hawaii. FSM is made up of four states: Yap, Chuuk, Pohnpei and Kosrae (from west to east) and spans approximately 1,700 miles of ocean territory. Each state has considerable autonomy and each equally unique with its own geography, ecology, language, and culture. Yap State is located within the western bounds of the FSM approximately 400 miles south of Guam. It is made up of several islands and atolls reaching to the east and south for some 500 miles. The Yap Islands, also referred to as Yap Proper, is composed of four islands Yap, Mapp, Tomil, and Rumung (Regional Map). The four islands are joined by the fringe coral reef that is common to them. The land is mostly rolling densely vegetated hills and mangroves line much of the shoreline. Yap Islands has approximately 3,100 inhabitants and is composed of 10 municipalities, each one containing several communities. The capital of Yap State is Colonia.



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**Project Description:**

This is a Construction fixed priced project to repair and refurbish two Water Storage Tanks 1(Dololeb) and 2(Nimar), located in Colonia, Yap on the existing sites. The magnitude of this project is estimated to be between \$2,000,000.00 and \$3,000,000.00. The scope has been carefully detailed through the work of two prime consultants, one conducted a condition assessment and the other prepared the final design/construction documents, see attached final scope below (details of which will be included in the final RFP which will be issued later in 2021).

Yap State Government  
Office of Planning & Budget | Project Management Office  
P.O. Box 970 Colonia, Yap FSM 96943





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**SCOPE OF WORK**  
**PHASE 2 - REPAIR REFURBISHMENT**

TANK #1 DOLOLEB	TANK #2 NIMAR	ITEM NO.	DISCRIPTION	SHEET
●	●	R1	DOUBLE BOTTOM PLATE (5,200 SF): INSTALL NEW 3/8" THICK BOTTOM PLATE, COMPLETE IN PLACE. TO INCLUDE BUT NOT LIMITED TO : A) A MINIMUM OF 4" THICK OF FIBER REINFORCED CONCRETE FILL; B) ANNULAR PLATE, C) DRIP RING ; D) APPROPRIATE NDT AS REQUIRED BY API 653 SECTION 12.	S-4
●	●	R2	PATCH PLATE: INSTALL 1/4" PATCH PLATE FOR THE INTERNAL & EXTERNAL SHELL AND ROOF REPAIR WHERE DEEP PITTING WILL BE IDENTIFIED AFTER SANDBLASTING. THREE THROUGH HOLE LOCATIONS WERE IDENTIFIED AT THE ROOF. NEW WELD JOINTS IS SUBJECT TO APPROPRIATE NDT.	S-3
●	●	R3	OVERFLOW: MODIFY HEIGHT OF OVERFLOW PIPE AND FUNNEL TO A MAXIMUM FILL HEIGHT OF 26 FEET	-
●	●	R4	CENTER COLUMN: INSTALL CLAM SHELL AROUND THE EXISTING 8-INCH DIAMETER CENTER COLUMN THAT CONSIST TWO HALVES OF PIPE (3/8" THICK). WORK TO INCLUDE REPLACEMENT OF THE CENTER COLUMN CROW'S FOOT. APPROPRIATE NDT REQUIREMENT SHOULD ALSO BE INCLUDED.	S-6
●	●	R5	INSTALL WEAR PLATE UNDERNEATH THE CENTER COLUMN CROWS' FOOT WITH SEISMIC CLIPS TO ALLOW FOR SLIGHT VERTICAL MOVEMENT OF THE CENTER COLUMN WHILE RESTRAINING FROM LATERAL MOVEMENT. DO NOT WELD THE CROWS' FOOT TO THE WEAR PLATE.	S-6
●	●	R6	ANCHORS: CUT-OFF EXISTING TANK ANCHOR BOLTS AND INSTALL API 650 COMPLIANT ANCHOR BOLT CHAIRS AND ANCHOR BOLTS TO THE EXTERNAL TANK SHELL.	S-4
●	●	R7	ROOF RAFTERS: INSTALL L2"x2"x1/4" STIFFENER BRACING FOR LATERAL SUPPORT OF ROOF RAFTERS.	S-6
●	●	R8	INSTALLING API 650 COMPLIANT "TELL-TALES" ON THE SHELL APPURTENANCE RE-PADS IN ORDER TO DETECT THE PRESENCE OF LEAKS.	S-5
●	●	R9	REPLACE TANK EXISTING 24-INCH DIAMETER SHELL MANWAY ASSEMBLIES AFFECTED BY NEW BOTTOM PLATE. NEW MANWAY SHOULD BE 30-INCH DIAMETER.	S-5
●	●	R10	INTERIOR PROTECTIVE COATING: APPLY NSF/ANSI 61 COMPLIANT THIN FILM EPOXY MULTI COATING SYSTEM ON INTERIOR SHELL, ROOF & FRAMING STRUCTURE, FLOOR, AND OTHER APPURTENANCES. TOTAL DFT RANGE SHOULD BE 10-12MILS. SURFACE PREPARATION TO BE DONE BY MEANS OF ABRASIVE BLASTING. DEHUMIDIFICATION EQUIPMENT IS REQUIRED THROUGH THE DURATION OF SURFACE PREPARATION AND COATING PROCESS.	-
●	●	R11	EXTERIOR PROTECTIVE COATING: APPLY THIN FILM EPOXY MULTI COATING SYSTEM ON EXTERIOR SHELL, ROOF, LADDER, ROOF HATCH, ROOF VENT AND OTHER APPURTENANCES. TOTAL DFT RANGE SHOULD BE 10-12MILS. SURFACE PREPARATION TO BE DONE BY MEANS OF ABRASIVE BLASTING.	-
●	●	R12	CATHODIC PROTECTION: REMOVE EXISTING CATHODIC PROTECTION SYSTEM AND REPLACE WITH NEW SYSTEM COMPLIANT TO API 651 REQUIREMENTS.	-
●	●	R13	GROUNDING : INSTALL NEW TANK GROUNDING CABLES, INCLUDES TESTING.	-
●	●	R14	LEVEL GAUGE: REMOVE AND REPLACE NEW TANK EXTERIOR FILL GAUGE AND INTERIOR FLOAT SYSTEM ASSEMBLY, AND INSTALL A NEW 1/4" RE-PAD.	-
●	●	R15	INTERIOR LADDER: REMOVE THE EXISTING INTERIOR LADDER AND INSTALL A NEW LADDER WITH OSHA COMPLIANT PERMANENT FALL ARREST SYSTEM.	S-7
●	●	R16	EXTERIOR LADDER: EXISTING EXTERIOR LADDER TO REMAIN, PREP/PAINT AND INSTALL NEW PERMANENT FALL ARREST SYSTEM.	S-7
●	●	R17	PERFORM TANK DISINFECTION AND LEAK TEST TO BE SUPERVISED AND MONITORED BY AN AWWA CERTIFIED WATER DISTRIBUTION OPERATOR.	-
●	●	R18	PERFORM LEAD-BASED PAINT TEST ON THE EXISTING INTERIOR AND EXTERIOR COATING.	-
●	●	R19	PROVIDE SPECIAL NACE INSPECTOR DURING COATING WORKS.	-
●	●	R20	INSTALL TANK NAMEPLATE PER API REQUIREMENT.	-
●	●	R21	PUDDLE WELDING: PERFORM PUDDLE WELDING REPAIR ON THOSE AREA OF INTERNAL SHELLS WHERE DEEP PITTING WAS IDENTIFIED AND MARKED. SURFACE SHOULD BE GROUND FLUSH AFTER WELDING AND PERFORM APPROPRIATE NDT.	S-7



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Interested PRIME CONTRACTORS should include the following with their letters of interest:

1. Name of firm with address, phone and point of contact (email)
2. Joint Venture Information (if applicable)
  - a. Bidder's legal name.
  - b. JV Partner's or Subcontractor's legal name, country and year of constitution.
  - c. JV Partner's or Subcontractor' authorized representative information (name, address, telephone, fax, email address)
3. Bonding Capability for a single contract action in the magnitude of this project as follows:
  - a. 100% Performance Bond (based on attached form)
  - b. 100% Payment Bond (based on attached form)
  - c. Advanced Payment Guarantee (10%)
4. Provide at least three (3) examples of projects of similar size/scope described in the project description above over the past five (5) years
5. Demonstrate experience in the type of work at the similar contract value in a similar type of contract
6. Answer specifically the following market survey questions:
  - a. On how many projects, within the last five (5) years has your company
    - i. Managed (scoped, priced, procured and executed through local or other contractors) for construction of wastewater treatment plants of a similar nature
    - ii. Executed projects in the FSM Area (Pohnpei, Chuuk, Kosrae, Yap) and in the wider Micronesian Region (Guam, Northern Mariana Islands, Marshall Islands) or other areas
      1. As a prime contractor
      2. As a subcontractor
  - b. Submit Past Performance Records
    - i. Three (3) signed Reference Letters of other work satisfactorily completed
    - ii. Bank Reference Letter





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Responses to this expression of interest announcement will be used by the Government to make appropriate acquisition decisions. NO SOLICITATION IS CURRENTLY AVAILABLE. It is a market research tool being utilized to determine the availability of potential qualified contractors before determining the method of acquisition.

**Response Date:** Wednesday, July 7, 2021

**Primary Point of Contact:** Samuel E. Luzano, Manager

Project Management Office

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**Victor Bamog, Director**

Office of Planning and Budget