

DRAFT PROCUREMENT PLAN FOR INITIAL 18 MONTHS

Project Name and Number: **Access and Renewable Increase for Sustainable Energy (ARISE) (P181253)**

Project Implementation Agency: The Federated States of Micronesia (FSM) - Department of Resources and Development (DoR&D)

Date of the Procurement Plan: July 2024

Period covered by this Procurement Plan: **September 1, 2024 - February 28, 2026**

Preamble

In accordance with paragraph 5.9 of the "World Bank Procurement Regulations for IPF Borrowers" date September 2023 ("Procurement Regulations"), the Bank's Systematic Tracking and Exchanges in Procurement (STEP) system will be used to prepare, clear and update Procurement Plans and conduct all procurement transactions for the Project.

This textual part along with the Procurement Plan tables in STEP constitute the Procurement Plan for the Project. The following conditions apply to all procurement activities in the Procurement Plan. The other elements of the Procurement Plan as required under paragraph 4.4 of the Procurement Regulations are set forth in STEP.

The Bank's Standard Procurement Documents (SPDs): The Bank's SPDs shall be used for all contracts subject to international competitive procurement and those contracts as specified in the Procurement Plan tables in STEP. Rated Criteria shall be used for all International Competitive Procurement with exceptions.

1. Open Competitive Procurement: Such arrangements shall be subject to paragraph 5.4 of the Procurement Regulations and the following conditions.

(i) No domestic preference over foreign bidders shall be granted to national bidders in bid evaluation, nor shall foreign bidders be asked or required to form joint ventures with or be subcontractors to national bidders in order to submit a bid.

(ii) The Pacific procurement bidding template documents agreed with the Bank shall be used. The Borrower may use an approved electronic procurement system, acceptable to the Bank, for conducting the procurement process.

2. National Procurement Arrangements Other Than National Open Competitive Procurement:

If the Borrower is approved to use its own national open competitive procurement arrangements as set forth in the **xxx**, such arrangements shall be subject to paragraph 5.4 of the Procurement Regulations and the following conditions:

1. The procurement is open to all eligible firms from any country.
2. The request for bids/request for proposals document shall require the Bidders/Proposers submitting Bids/Proposals present a signed acceptance at the time of bidding, to be incorporated in any resulting signed contracts, confirming application of, and compliance with, the Bank's Anti-Corruption Guidelines, including without limitation the Bank's right to sanction and the Bank's inspection and audit rights.
3. Publication of contract award information.
4. Rights for the Bank to review procurement documentation and activities; and
5. An effective complaints mechanism.

Leased Assets as specified under paragraph 5.10 of the Procurement Regulations: Not Applicable.

Procurement of Second-Hand Goods as specified under paragraph 5.11 of the Procurement Regulations: Not Applicable.

Domestic Preference as specified under paragraph 5.51 of the Procurement Regulations (**Goods and Works**): Not Applicable.

Hands-on Expanded Implementation Support (HEIS) as specified under paragraphs 3.10 and 3.11 of the Procurement Regulations: Applicable

Other Relevant Procurement Information.

I. Works and Goods and Non-Consultant Services

1.1. Prior Review Threshold: Procurement Clearances subject to Prior Review by the Bank as stated in Annex II of the Procurement Regulations:

Category	Procurement Method Thresholds		Prior Review Thresholds	
	Applicable thresholds (US\$)	Remarks	Applicable thresholds (US\$)	Remarks
Works				
RFP/RFB (International market approach)	≥ 10.0 million	None	≥ 2.0 million	
Request for Quotations	< 2.0 million	None		
Direct Selection	None	No threshold; meet requirements of Procurement regulations 7.13-7.15		
Goods and Non-Consulting Services				
RFP/RFB (International market approach)	≥ 2.0 million	None	≥ 500,000	
Request for Quotation	< 2.0 million	None		
Direct Selection	None	No threshold; meet requirements of Procurement regulations 7.13-7.15		

Notes:

RFB: Request for Bids

RFP: Request for Proposals

1.2. Procurement packages for Works, Goods and Non-Consulting Services with Procurement method and Time Schedule

Contract No.	Contract Descriptions	Estimated Cost (US\$)	Selection Method	Approach to Market	Evaluation Approach	Bank Review (Prior/Post)	Time Schedule			Comments
							Expected Bid-Opening Date	Expected Contract Award Date	Contract Duration (months)	
Component 1 - Electricity Service Expansion										
Works										
Sub-component 1.1: Chuuk Islands Electrification										
FSM-W-01	Chuuk Islands: final designs of mini grids, supply of goods, construction and commissioning of mini grids to provide electricity in 5-7 islands.	15,000,000	Request for Bids (Single Stage)	Open - International	Rated Criteria	Prior	Feb 2025	Sep 2025	36	
Sub-component 1.2 - Pohnpei Grid rehabilitation & Sub-component 1.4 - Kosrae Grid Rehabilitation										
FSM-W-02	Pohnpei & Kosrae Grid: (i) Replacement of wooden poles with concrete poles, upgrade undersized conductors and insulators. (ii) Replacement of wooden cross arm with fiberglass and porcelain insulators with polymer.	6,591,235 (4,591,235 for Pohnpei, 2,000,000 for Kosrae)	Request for Bids (Single Stage)	Open - International	Rated Criteria	Post	Feb 2025	Sep 2025	36	

	(iii) Upgrade of segments of distribution lines (Kamar loop, Dausekele Bridge from single phase to three phase (iv) Supply of spare parts (transformers, cross arms, wires, insulators, hardware, etc.)									
FSM-W-03	Pohnpei Grid: Automation of grid by replacing air switches by automated remote controlled switches and install trip savers (fault detecting single phase cut-out mounted automatic re-closers on 100 primary spur-lines) and Installation of SCADA and nodal points	2,366,306	Request for Quotation (depending on the risk rating, it could also be RFB)	Open - International		Post	Feb 2025	Sep 2025	12	
Sub-component 1.3 - Yap Grid Resilience										
FSM-W-03	Yap Grid: (i) Phase 1 - Distribution	7,617,439	Request for Bids	Open - International	Rated Criteria	Post	Feb 2025	Sep 2025	36	

	Redundancy & Resilience for critical infra for Yap main island (including undergrounding of main distribution feeders) (ii) Phase 2 - Complementary Network for distribution redundancy (half of what YSPSC suggested)		(Single Stage)							
<i>Goods</i>										
FSM-G-01	(i) Chuuk Islands: Supply of 1 bucket trucks, 1 excavator and 1 or 2 boats to facilitate construction of mini grids and grid maintenance for (ii) Pohnpei Grid: Supply of 2 bucket trucks and 1 auger truck; and Supply of vegetation management tools	2,350,000 (800,000 for Chuuk, 1,050,000 for Pohnpei, 250,000 for Yap, and 250,000 for Kosrae)	Request for Quotations (depending on the risk rating, it could also be RFB)	Open - International	Rated Criteria	Post	Feb 2025	Sep 2025	12	

	(iii) Yap Grid: Supply of 1 Bucket truck									
	(iv) Kosrae Grid: Supply of 1 bucket truck									
Component 2 - Renewable Energy Generation										
<i>Works</i>										
FSM-W-05	(i) Pohnpei Solar Energy Generation: final design, supply, installation, and commissioning of 2 MW solar PV with 3 MWh of BESS, inverters, controls, SCADA (including structures and roof strengthening) (ii) Chuuk Solar Energy Generation: design, supply, installation, and commissioning of 1.5 MW solar PV with 3 MWh of BESS, inverters, controls, SCADA (including structures and roof strengthening)	17,200,000 (7,150,000 for Pohnpei, 6,250,000 for Chuuk, and 3,800,000 for Yap)	Request for Bids (Single Stage) Three Lots	Open - International	Rated Criteria	Prior	Feb 2025	Sep 2025	48	

	(iii) Yap Solar Energy Generation: design, supply, installation, and commissioning of 1 MW solar PV with 1.5 MWh of BESS, inverters, controls, SCADA (including structures and roof strengthening)									
Component 3 - Institutional Strengthening and Implementation Support										
<i>Goods</i>										
FSM-G-02	Office equipment	75,000	RFQ	Open - International		Post	Jan 2026	Apr 2026	3	

II. Selection of Consultants

2.1 Prior Review Threshold: Procurement Clearances to Prior Review by Bank as stated in Annex II of the Procurement Regulations:

Category	Procurement Method Thresholds		Prior Review Thresholds	
	Applicable thresholds (US\$)	Remarks	Applicable thresholds (US\$)	Remarks
QCBS, QBS, FBS, LCS (Using the most appropriate market approach)		Methods for consulting services are specified in paragraph 7.3 to 7.12, Section VII of the Procurement Regulations.	≥ 500,000	
CQS (Open or limited competition through national or international market approach, specified in the PP and agreed with the Bank.			≥ 500,000	
Direct Selection of firms	None	No threshold; meet requirements of regulations 7.13-7.15	Same as for competitive selection	
Individual Consultants		Essential individual assignments will be defined in the Procurement Plan agreed with the Bank and in line with regulations 7.34-7.39 using the most appropriate market approach	≥ 0.3 million and for the positions as specified in the PP agreed with the Bank	Risk-based approach

Notes:

QCBS: Quality and Cost Based Selection,
 QBS: Quality Based Selection,
 FBS: Fixed Budget Based Selection,
 LCS: Least Cost Based Selection,
 CQS: Consultant's Qualifications Based Selection

2.2 Consultancy Assignments with Selection Methods and Time Schedule:

Contract No.	Contract Descriptions	Estimated Cost (US\$)	Selection Method	Approach to Market	Evaluation Approach	Bank Review (Prior/Post)	Time Schedule			Comments
							Expected Bid-Opening Date	Expected Contract Award Date	Contract Duration (months)	
Component 1: Electricity Service Expansion										
Consultant Services										
Sub-component 1.1: Chuuk Islands Electrification										
FSM-CS-01	Engineering services for feasibility studies, concept designs of mini grids, bidding document preparation, and assistance in selecting contractors for the electrification of 5-7 islands (mini grids construction)	450,000	Direct Selection (CDS)			Prior	Sep 2024	Oct 2024	18	TTA is proposed for DS
FSM-CS-01	Engineering services for the supervision of the construction of mini grids in 5-7 islands	350,000	QCBS	Open - International		Prior	Jan 2025	Jul 2025	48	
Sub-component 1.2 - Pohnpei Grid rehabilitation & Sub-component 1.4 - Kosrae Grid Rehabilitation										
FSM-CS-02	Engineering services for review of specifications, preparation of bidding documents/RfQs, assistance in selection of contractor,	350,000	Direct Selection (CDS)			Prior	Sep 2024	Oct 2024	18	TetraTech is proposed for DS
	Supervision of the rehabilitation of both	400,000	QCBS	Open - International		Post	Sep 2024	Mar 2025	48	

	the Pohnpei and Kosrae grid									
Sub-component 1.3 - Yap Grid Resilience										
FSM-CS-03	Consulting engineering assistance, bid documents	150,000	Direct Selection (CDS)			Post	Sep 2024	Oct 2024	24	Vincent Bouet is proposed for DS
	Individual consultant (engineer) for supervision	200,000	IC	Open - International		Post	Sep 2024	Mar 2025	48	
Component 2 - Renewable Energy Generation										
Sub-component 2.1 & 2.2 and 2.3: Pohnpei - Chuuk - Yap Solar Energy Generation -										
FSM-CS-04	Engineering services for preliminary designs, bidding document preparation, contractor selection assistance and supervision	800,000	QCBS	Open - International		Prior	Sep 2024	Apr 2025	18	
Component 3 - Institutional Strengthening and Implementation Support										
Sub-component 3.1 Sector Development Assistance										
<i>Consultant Services</i>										
FSM-CS-06	Provision of international expertise on cost reflective tariffs for 4 utilities	200,000	IC	Open - International		Post	Jan 2025	Apr 2025	12	
FSM-CS-07	Assistance to build up regulatory capacity at DoR&D	350,000	IC	Open - International		Post	Jan 2025	Apr 2025	12	
FSM-CS-08	Energy Efficiency assistance (campaigns, labelling of	300,000	IC	Open - International		Post	Jan 2025	Apr 2025	12	

	appliances, and air conditioning temperature regulation)									
FSM-CS-09	Clean cookstoves program development (Consultant firm)	300,000	QCBS	Open - International		Post	Jan 2025	Jul 2025	12	
FSM-CS-11	Prefeasibility studies for the preparation of follow-on energy projects (Consultant firm)	450,000	QCBS	Open - International		Post	Jan 2025	Apr 2025	12	
Sub-component 3.2: State Power Utility Capacity Strengthening										
FSM-CS-12	Solar PV Technician for the 4 utilities for 4 years	700,000	IC	Open - International		Post	Jan 2026	Mar 2026	48	
FSM-CS-13	Distribution Network Technician Engineer for the 4 utilities for 4 years	700,000	IC	Open - International		Post	Jan 2026	Mar 2026	48	
Sub-component 3.3: Project Implementation Support										
FSM-CS-16	International Project Manager	700,000	IC	Open - International		Prior	Jan 2025	Apr 2025	72	
FSM-CS-17	Electrical Engineer (young) for overall project monitoring and other support (based at DoR&D)	450,000	IC	Open - National		Post	Jan 2025	Apr 2025	72	
FSM-CS-18	Electrical Engineer (young) for Chuuk activities monitoring (based in Chuuk)	300,000	IC	Open - National		Post	December 2025	April 2026	72	
FSM-CS-19	Project Implementation Officer based at DoRD	210,000	IC	Direct selection		Post	Jan 2025	Apr 2025	72	

FSM- CS-21	Environmental & Social Safeguard Officer (local)	360,000	IC	Open - National		Post	Jan 2025	Apr 2025	72	

PROCUREMENT PLAN Micronesia, Federated States of : Access and Renewable Increase for Sustainable Energy Project

General Information
Country: Micronesia, Federated States of Bank's Approval Date of the Original Procurement Plan: 2024-07-24
Revised Plan Date(s): (comma delineated, leave blank) 2025-07-24
Project ID: P181253 GPN Date:
Project Name: Access and Renewable Increase for Sustainable Energy Project
Loan / Credit No: / , IDA / E4290
Executing Agency: Department of Resources and Development

WORKS																															
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Procurement Process	Prequalification (Y/N)	High SEA/SH Risk	Procurement Document Type	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Draft Pre-qualification Documents		Prequalification Evaluation Report		Draft Bidding Document / Justification		Specific Procurement Notice / Invitation		Bidding Documents Issued		Proposal Submission / Opening / Minutes		Bid Evaluation Report and Recommendation for Award		Signed Contract		Contract Completion		
													Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual		Planned	Actual

GOODS																														
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Procurement Process	Prequalification (Y/N)	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Draft Pre-qualification Documents		Prequalification Evaluation Report		Draft Bidding Document / Justification		Specific Procurement Notice / Invitation		Bidding Documents Issued		Proposal Submission / Opening / Minutes		Bid Evaluation Report and Recommendation for Award		Signed Contract		Contract Completion			
											Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual

NON CONSULTING SERVICES																														
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Procurement Process	Prequalification (Y/N)	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Draft Pre-qualification Documents		Prequalification Evaluation Report		Draft Bidding Document / Justification		Specific Procurement Notice / Invitation		Bidding Documents Issued		Proposal Submission / Opening / Minutes		Bid Evaluation Report and Recommendation for Award		Signed Contract		Contract Completion			
											Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual

CONSULTING FIRMS																											
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Contract Type	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Terms of Reference		Expression of Interest Notice		Short List and Draft Request for Proposals		Request for Proposals as Issued		Opening of Technical Proposals / Minutes		Evaluation of Technical Proposal		Combined Evaluation Report and Draft Negotiated Contract		Signed Contract		Contract Completion	
										Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual

INDIVIDUAL CONSULTANTS																			
Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Contract Type	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Terms of Reference		Invitation to Identify /Selected Consultant		Draft Negotiated Contract		Signed Contract		Contract Completion	
										Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
FM-DOFA-438905-CS-CDS / Review rehabilitation needs of (i) Pohnpel Distribution network, (ii) Kosrae Distribution network, and (iii) Yap distribution network and prepare bidding documents	/		Prior	Direct Selection	Direct - International		400,000.00	0.00	Signed	2024-07-26	2024-07-25	2024-08-05	2024-08-23			2024-09-21	2024-10-08	2025-09-21	
FM-DOFA-438907-CS-CDS / Feasibility studies to electrify selected 7 outer islands in Chuuk, prepare concepts designs, and bidding documents and assist in selection of contractor	/		Post	Direct Selection	Direct - International		450,000.00	0.00	Signed	2024-07-26	2024-07-25	2024-08-05	2024-08-01			2024-09-14	2024-10-02	2025-09-14	
FM-DOFA-438916-CS-CDS / Project Implementation Manual consultant	/		Post	Direct Selection	Direct - International		20,000.00	0.00	Signed	2024-07-26	2024-07-31	2024-08-05	2024-08-05			2024-09-14	2024-10-02	2025-03-13	
FM-DOFA-438921-CS-INDV / Project Manager	/		Post	Individual Consultant Selection	Open - International		160,000.00	0.00	Signed	2024-07-29	2024-08-23	2024-09-07	2024-11-08	2024-09-21	2024-12-02	2024-10-15	2025-01-14	2025-10-15	
FM-DOFA-438920-CS-INDV / Project Engineer	/		Post	Individual Consultant Selection	Open - International		120,000.00	0.00	Under Implementation	2024-08-09	2024-11-07	2024-09-18		2024-10-02		2024-10-26		2025-10-26	
FM-DORD-504034-CS-INDV / Procurement Officer	IDA / E4290		Post	Individual Consultant Selection	Open - National		40,000.00	0.00	Pending Implementation	2025-07-30		2025-09-01		2025-10-06		2025-11-10		2026-11-09	
FM-DORD-504036-CS-INDV / Environmental and Social Officer	IDA / E4290		Post	Individual Consultant Selection	Open - National		40,000.00	0.00	Pending Implementation	2025-07-29		2025-08-31		2025-09-14		2025-10-19		2026-04-17	
FM-DORD-504037-CS-CDS / CONSULTING SERVICES FOR POHNPEL, KOSRAE, AND YAP DISTRIBUTION NETWORK REHABILITATION / STRENGTHENING	IDA / E4290		Post	Direct Selection	Direct - International		300,000.00	0.00	Pending Implementation	2025-07-31		2025-08-10				2025-09-21		2026-05-22	