



Invitation for Bids

Date:	27 September 2024
Loan No. and Title:	Grant 49450-030 (KIR): South Tarawa Renewable Energy Project (Phase 2) Grants 0937/0938/0939/0940 (TUV): Increasing Access to Renewable Energy Project (Additional Financing) under PREIF (49450-032)
Contracts Nos. and Titles:	Contract № 1: Design and build floating solar PV power plant, BESS, grid infrastructure upgrade and other items in Kiribati Contract № 2: Design and build of floating solar PV power plant and other items in Tuvalu Contract № 3: O&M Services for facilities provided under Contract № 1 Contract № 4: O&M Services for facilities provided under Contract № 2
Deadline for Submission of Bids:	18 December 2024 10:00 am, Tarawa/Funafuti time

1. The **Government of the Republic of Kiribati** ("GoK") has sought grant funding from the Asian Development Bank (ADB) and the Ireland Trust Fund for Building Climate Change and Disaster Resilience in Small Island Developing States (ITF) towards the cost of **developing floating solar PV generation, storage battery, grid facilities, and implement productive uses of electricity in Kiribati** under the proposed **South Tarawa Renewable Energy Project (Phase 2) (STREP 2)**, and the Government of Tuvalu has received a grant from the ADB, the Global Environment Facility (GEF), ITF, and the Urban Resilience Trust Fund under the Urban Financing Partnership Facility towards the cost of **developing floating solar PV generation and grid upgrades, and implementing productive uses of electricity in Tuvalu** under the **Increasing Access to Renewable Energy Project (Additional Financing)** (IAREP-AF). Both Governments intend to jointly apply part of the proceeds of these grants to payments under a regional procurement of these respective facilities.
2. The entire scope of plant and services is being bid out through a single Bid Document with four main components, and the successful bidder will be awarded four separate contracts for each of these components as follows:
 - (i) **Contract № 1: Design and build floating solar PV power plant, BESS, grid infrastructure upgrade and other items in Kiribati**
Turnkey contract funded under the STREP (Phase 2) Project for detailed design, supply, installation, and commissioning of a floating PV power plant (FPV) with battery

energy storage system (BESS), grid infrastructure, and other items based on the requirements of the Employer.

The works, plant, and services to be undertaken under this contract include the design, supply, installation, and commissioning of:

1. 4 MW FPV at Betio,
2. 3 MVA / 3 MWh BESS in Bonriki and,
3. 33 kV transmission network from Betio to Bonriki and related grid integration and control systems.

Procurement of other items include:

1. Electric vehicles (4 e-cars) and Electric e-boat (one),
2. Charging stations (two) for the electric vehicles and e-boat and,
3. Coastal protection and electric reef regeneration.

(ii) Contract № 2: Design and build of floating solar PV power plant and other items in Tuvalu

Turnkey contract funded under the IAREP-AF for the detailed design, supply, installation, and commissioning of a floating solar PV power plant (FPV) and implementation of productive uses of electricity based on the requirements of the Employer.

The works, plant, and services to be undertaken under this contract include the design, supply, installation, and commissioning of a 1 MW of FPV at Fongafale.

Procurement of other items includes:

1. LV upgrades in Funafuti
2. Electric e-boats (two)
3. Electric golf carts (two),
4. Charging stations (two) for the electric vehicles and e-boats and,
5. Coastal protection and electric reef regeneration.

(iii) Contract № 3: O&M Services for facilities provided under Contract № 1

O&M services contract funded under STREP Phase 2 project for the floating solar PV plant, BESS facilities, 33 kV grid infrastructure provided under Contract № 1, for a period of twelve months following their commissioning.

(iv) Contract № 4: O&M Services for facilities provided under Contract № 2

O&M services contract funded under IAREP-AF project for the floating solar PV provided under Contract № 2, for a period of twelve months following their commissioning.

3. Bidders are required to bid for the entire scope of the plant and services under all four contracts. Bids submitted that conform only to the partial scope of the plant and services, or for only one, two or three of the contracts will not be considered for evaluation.
4. The **Kiribati Ministry of Finance and Economic Development, the Public Utilities Board (PUB), the Tuvalu Ministry of Finance and Economic Development and the Tuvalu Electricity Corporation (TEC)** ("the Employer") now invite sealed bids from eligible

Bidders for the **Design, supply, installation, commissioning and operation and maintenance of the facilities** (“the Works”).

5. **Open Competitive Bidding – International advertisement** will be conducted in accordance with ADB’s [Single-Stage: Two-Envelope](#) bidding procedure and is open to all bidders, with no nationality restrictions applying other than any restrictions arising from Instructions to Bidders. This joint regional procurement will be administered by the Regional Coordination Unit (RCU) comprising of PUB and TEC representatives as well as supporting team.
6. The design, supply, installation, commissioning, operation and maintenance services provided under the four contracts shall be completed within 24 months from the date of contract effectiveness.
7. Eligible Bidders with the following key qualifications are invited to submit their bids for the entire scope of work:

Financial Situation:

- (a) The net worth and annual turnover for the Bidder’s organization or Joint Venture shall meet the following criteria:
 - i. The Bidder’s net worth for the last year, calculated as the difference between total assets and total liabilities, should be positive and,
 - ii. For a single entity, the Bidder’s financial resources, less its financial obligations for its current contract commitments, must exceed US\$ 8.2 million. For joint ventures, each partner must meet US\$ 2.1 million and one partner US\$ 3.3 million.
- (b) For a single entity, the Bidder’s average annual turnover shall be not less than US\$ 49 million over the last three years. For a joint venture, each partner must meet 25% of this amount and one partner 40%.

Similar Works Experience:

The Bidder shall have participated in at least one contract for utility scale floating solar PV power plants, of a minimum 5 MWp capacity or higher and a BESS of at least 5 MWh with control systems, that have been successfully or substantially completed within the last five years and that are similar to the proposed contract, where the value of the Bidder’s participation in each contract exceeds US\$ 25 million. The similarity of the Bidder’s participation shall be based on the physical size, nature of works, complexity, methods, technology, or other characteristics as described in Section 6 (Employer’s Requirements) of the Bidding Document.

For other qualifying criteria please refer to Section 3 (Evaluation and Qualification Criteria) of the Bidding Document.

8. The bids will be evaluated following the Merit Point Criteria. A combined score will be calculated using a 30:70 price and non-price weighting.
9. A complete set of Bidding Documents may be freely downloaded by interested Bidders from the In-Tend portal using the following web link: <https://in-tendhost.co.uk/adbprocurementnetwork/aspx/Tenders/Current> and use search function (e.g. Search with keywords: Floating Solar PV) to locate the Bidding Documents. Interested Bidders are required to register with the In-Tend portal before downloading the Bidding

Documents. There is no charge for the Bidders to register themselves with the In-Tend portal and download the Bidding Documents.

10. A **Pre-bid meeting** will be held via videoconference and in person on:

Date: 4 October 2024

Location: Novotel Hotel, Nadi, Fiji

Time: 3:00 – 4:00 pm (Nadi Time)

The videoconferencing link to access and join the pre-bid meeting is here: [Pre-bid meeting link](#). Attendance is not mandatory but highly recommended.

11. Bidders must submit their bids electronically through the In-Tend portal at <https://in-tendhost.co.uk/adbprocurementnetwork> as specified in the Bidding Document on or before 10:00 am, Tarawa/Funafuti time on 18 December 2024. All bids must be accompanied by a bid security as described in the Bidding Documents. Late bids and hardcopy bid submissions will not be accepted. Bids will be opened electronically on the In-Tend portal immediately after the deadline for bid submission in the presence of Bidders' representatives who choose to attend.
12. Interested eligible Bidders shall submit all clarifications to the Regional Coordination Unit (RCU) via the abovementioned In-Tend portal. If there is any query regarding access information in the portal, please contact:
- RCU procurement coordinator, Tom Williams, TomW@frequency.nz
13. The Employer will not be responsible for any costs or expenses incurred by Bidders in connection with the preparation or submission of bids.
14. The issuance of the invitation for bids constitutes advance action on procurement and does not commit ADB to finance the contract packages for both projects. Financing of these contract packages is subject to the effectiveness of the IAREP-AF grants, and approval and effectiveness of the STREP 2 grants.