
**Contractor for Engineering,
Procurement, Construction,
Operation and Maintenance of a Floating Solar FPV
Power Plant (ICB) at Kpong
Hydropower Reservoir** **Deadline: *March 27, 2025*
*06:00 pm UTC***

Country: Ghana

Project: FPV-System Ghana (Kpong Hydropower Reservoir)

BMZ No.: 202268449

Employer / Project Executing Agency (PEA):

Volta River Authority (VRA)
Electro Volta House P.O. Box MB 77
Accra, Ghana.

Tender: International Competitive Bidding (ICB):
Contractor for Engineering, Procurement,
Construction, Operation and Maintenance of a
Floating Solar FPV Power Plant (ICB) at Kpong
Hydropower Reservoir

KfW Procurement ID: 510935
VRA Procurement No: ICT/FLSPP1/2024

Prequalification

Project measures: The Kpong head pond (reservoir) is situated in the Lower Volta with extensive plains on each side of the river. The Project concerns the design, construction, installation, commissioning, operation of maintenance for two years of a floating solar photovoltaic (FPV) power plant with an installed capacity of at least 30 MWp (DC). The project shall be executed by a contractor under the FIDIC Yellow Book (Conditions of Contract for Plant & Design Build, First Edition 1999).

Scope of Works: The scope of works comprises designing, planning, procurement, construction / erection, testing, commissioning and two (2) years of O&M for a 30p MW (DC) FPVP as a turnkey contract. Conclusion of the Contract is expected in Q3 2025. Site preparations are expected to begin in the same quarter and followed by construction works. The total construction period shall not exceed eighteen (18) months.

Qualification of Contractor: The Contractor must possess relevant experience and qualifications for

execution of this contract. In particular, the Contractor shall have the following construction and ESHS experience:

- **General Construction Experience:** must have executed EITHER at least
 - one (1) construction contract with a minimum value of 25 million EUR or currency equivalent OR
 - two (2) contracts with a minimum value of 15 million each EUR or currency equivalent,
- **Specific Construction & Contract Management Experience:** must have executed EITHER at least
 - one (1) ground-mounted utility-scale solar PV plant with a minimum installed capacity of 20 MWP on design build basis OR
 - one (1) utility-scale solar FPV plant with a minimum installed capacity of 5 MW_P
- **Construction Experience in key activities:** must have
 - Design, engineering and installation of an aggregate of 10 MW_P of FPV capacity with a minimum FPV plant size of 0.5 MWP each

This experience may also be provided by a specialized sub-contractor

- **Experience in Projects with significant ESHS Impact:** must have minimum specific experience relating to the following ESHS requirements:
 - Elaboration and implementation of C-ESMP in accordance with World Bank ESF or other comparable international ESHS standards
 - OHS for construction sites on water bodies
 - OHS for solar PV systems

The Contractor or, in case of a JV, any JV member with a share of more than 40 (forty) % in the JV, must possess the following certifications (or internationally recognized equivalents): (i) Quality Management Certificate ISO 9001, (ii) Environmental Management Certificate ISO

14001:2014, (iii) Health and Safety Certificate OHSAS 18001.

Minimum financial requirements: The Contractor shall have the following minimum financial capacity

- **Average Annual Construction Turnover:** Minimum average annual construction turnover of EUR fifteen million (15.000.000) or currency equivalent for the financial years 2021, 2022 and 2023.
- **Financial Capabilities: Liquidity:** access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as EUR 3 million (3.000.000) or currency equivalent
- **Financial Capabilities (Financial Position)** for the financial years 2021, 2022 and 2023:
 - Average Current Ratio ≥ 1.1
 - Average Indebtedness ratio $\leq 80\%$

Procurement framework: This Prequalification for Consulting Services will be guided by the latest version of KfW's „Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non-Consulting Services in Financial Cooperation with Partner Countries" (Update 2021, 2024 update / available on www.kfw-entwicklungsbank.de).

Usage of e-procurement: Applications and Bids for this tender shall be submitted electronically only through the e-procurement platform Exfitender by the provider Exficon GmbH. No physical submissions of Applications and Bids will be required. Further information is available in the Prequalification document.

To receive the Prequalification document, please contact the Employer's representative under

secwrrred@vra.com

with copy (cc) to the assigned Tender Agent

René Meyer (tender@renemeyer.org)

with title

"PQ FSPV1 (Kpong Hydropower Reservoir)" .

--- END ---