Country	Republic of Armenia
Name and Address of the PEA	**Armenian Territorial Development Fund (ATDF)** Address: K. Ulnetsi str. 31 City: Yerevan ZIP Code: 0037 Country: Republic of Armenia Telephone: (+374)10 52 25 50 Electronic mail address: hzalinyan@wsdp.am
Submission details	No hard copies shall be submitted. Applicants are asked to nominate one dedicated contact person (name, email address and phone number). The nomination shall be sent to the Employer via email (hzalinyan@wsdp.am) latest seven (7) days prior to expiry of the deadline. The data shall be used to set up an e-procurement system for this tender submission. The operator of the KfW-approved e-procurement system, exficon GmbH, Frankfurt am Main, will revert to the persons authorized for electronic submission with an invitation email containing the access link to the system. It is recommended to log in after receipt to make sure that there are no technical difficulties. Detailed information and a step-by-step description of the upload procedure can be downloaded here: https://exficon.de/tad/e-procurement/. The Applications shall be submitted not later than: Date: **22nd March 2024** Time: **12:00 (GMT +4hr)** Timely submission means that the files must be successfully uploaded by the deadline. Applicants are requested to limit the number of files for upload to a maximum of 5 files. Please note that no physical delivery shall be made (no hard copies are to be submitted).
Project Title	Communal Infrastructure Program (CIP) II, Phase 3 – Armenia, Water and Sanitation Lot-4: Water Supply network and sewer system of 560 villages
Lot Title	Procurement of Works for Lot 4B Wastewater Treatment Plants for the villages of Urut, Khnatsakh ,Agarak and Margara (Margara as optional) in the Republic of Armenia
KfW´s Procurement Number	ICB 510943
Type of Notice and Tender Stage	Tender Notice - Request for Applications (Prequalification).

Project Measures	The Works of Lot 4B include the provision of Wastewater Treatment Plants (WWTP) within the villages of Urut, Khnatsakh, Agarak, and Margara (Margara as optional Works) in the Republic of Armenia and 01 (one) year of Operation and Maintenance (O&M) services for the WWTPs during the Defects Notification Period (DNP). The following optional services may be requested at the bidding stage: 1. Extended O&M services for 03 (three) additional years. 2. O&M training services of the future Operator staff. The contract will be awarded on the lowest price considering CAPEX and 15 years of OPEX costs. The total design population (2040) for the four villages is approximately 8,000 PE. Environmental Screening has been conducted. In accordance with KfW and WB Environmental Policy the project is classified under the Environmental Category "B", which does require an ESIA for environmental consent. Therefore, Applicants shall assume ESHS level 2. Generally, the scope of the Works are Wastewater treatment plants comprising: • Mechanical pre-treatment (coarse + fine screen + grit & grease removal) • Main biological treatment (primary settling + rotatory biological contactor + settler) • Effluent Disinfection (maturation ponds) • Sludge treatment and storage (incl stabilization, dewatering, storage) **Remark**: Alternative process solutions for WWTP that meet the purification goals shall be accepted, main selection criteria shall be CAPEX and OPEX. Implementation of the entire Works shall provide treatment of wastewater for the population of the villages. Geotechnical measurements and protections should be taken into account for location with landslide and rockfall risks. Additional geotechnical investigations are required. For the first design horizon, the design of the WWTP comprises a mechanical treatment unit with stone trap, coarse & fine screen and grit and grease chamber, a primary sedimentation in an Imhoff tanks upper section, a biological treatment for carbon (BOD5) removal by Rotating Biological Contractor (RBC) which is followed by a final sedimentation. Sludge is treated by anaerobic cold digestion in an Imhoff tank's lower section. In general, the concept of the WWTP allows future extension for a next design horizon and furthermore it has the ability for complete nitrogen removal by enhancing the process accordingly. For 2040 the RBC is designed to execute carbon removal and

	nitrification, thus for a later stage, the Imhoff tanks may then be modified to denitrification basins and an additional sludge stabilisation can be constructed to upgrade the WWTP performance and capacity. Contractor shall demonstrate potential for extension of WWTP within his design to meet at a second stage stricter requirements and full nutrient removal. Within his design for stage one, Contractor shall foresee all required connections and joints for future extension of the WWTPs and additionally required space shall be foreseen and demonstrated within layout for extension of each WWTP in respective villages.
Duration	Works contract period: 18 months (envisaged from October 2024) DNP: 12 months
Contract	The tender procedure will follow KfW´s specimen two envelope, model. The selection of experienced Contractors is subject to the regulations contained in the "Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non-Consulting Services in Financial Cooperation with Partner Countries" available at: www.kfw-entwicklungsbank.de Works under Lot 4B are intended to be implemented under FIDIC Plant and Design-Build Contract 2nd Ed (2017 Yellow Book).
Address where the complete Prequalification documents can be obtained	Prequalification documents will be distributed electronically only (by e-mail) upon written request to the PEA in the electronic email indicated above.