Country	Republic of Armenia
Name and Address of the PEA	**Armenian Territorial Development Fund – Water Sector Project Implementation Branch (ATDF – WSPIB)** 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	The **Application** as well as all **correspondence** shall be submitted in **English.** The Applicants shall submit the Application as follows: • **01 (one) original** and **01 (one) hard copy**. • **01 (one) soft copy** of the original as unalterable and searchable PDF file on a memory stick. The Applications shall be submitted not later than: Date: **07th September 2023** Time: **12:00 (GMT +4hr)** Address: as above
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 510215
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. 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 September 2023) 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), and 01 (one) year of Operation and Maintenance (O&M) services for the WWTPs during the Defects Notification Period (DNP).
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.