



Advance Contracting Notice

Date: 16 November 2018

Country/Borrower: Turkmenistan

Title of Proposed Project: 49370-TKM: National Power Grid Strengthening Project

Name and Address of Executing Agency:

Ministry of Energy of Turkmenistan

Brief Description of the Project:

The Asian Development Bank approved the financing for the National Power Grid Strengthening Project to Turkmenistan amounting to \$500 million loan (Ordinary Capital Resources) on 8 November 2018. The project will (i) build about 1,100 kilometers (km) of new 110-kilovolt (kV), 220 kV, and 500 kV transmission lines; (ii) construct four new substations; and (iii) expand three existing substations. The project will cover four of the five regions of Turkmenistan and will help establish an interconnected national transmission grid to improve reliability and energy efficiency of the network.

The project's physical outputs will be achieved through (i) construction of 450 km of a 220 kV double-circuit transmission line from Ahal (Gurtly, Ashgabat) to Balkan (Balkanabat) and about 65 km of spur transmission lines; (ii) construction of 560 km of a 500 kV single-circuit transmission line from Balkan (Balkanabat) to Dashoguz (Dashoguz); (iii) construction of 25 km of a 220kV single-circuit transmission line between 500 kV and 220 kV substations in Dashoguz; and (iv) construction of 500 kV substations in Balkan, and Dashoguz, as well as 220 kV substations in Ahal, Balkan and Dashoguz.

Brief Description of Goods and Related Services, Works or Consulting Services to be Procured:

The following packages will be procured under the project:

Package 1: Supply and Delivery of Equipment, Parts and Materials for the Construction of Substations and Transmission Lines will cover procurement of equipment for (i) 500 kV Dashoguz substation; (ii) construction of 500 kV Balkan substation; (iii) construction of 220 kV Dashoguz SPP substation; (iv) construction of 220 kV Serdar substation; (v) construction of 500 kV Single-circuit Dashoguz – Balkan Transmission Line; (vi) construction of: (i) Gurtly-Serdar 220 kV double-circuit transmission Line; (ii) Serdar - Balkanabat 220 kV Double-circuit transmission line; (iii) 220 kV Dashoguz-Dashoguz SPP transmission line.

Package 2: Procurement of Design, Supply, Installation, and Commissioning of Telematics, Communications, and SCADA Systems for Power Transmission Network and Substations.

Package 3: Supply and Delivery of Construction, Installation and Maintenance Equipment.

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