



Notice of Request for Bids

Request for Bids – Plant Design, Supply & Installation (Two-envelope Bidding Process, After Prequalification)

Employer: Pakhtunkhwa Energy Development Organization (PEDO) through Project Management Organization (PMO)

Project: Khyber Pakhtunkhwa Hydropower Renewable Energy Development (KHRE)

Contract title: Madyan Hydropower Project - E&M Works - Design, Supply, Installation, Testing and Commissioning of Turbines, Generators, Control Room Equipment, SCADA, Auxiliaries, Power Transformers, Switch Yard, Switch Gear (GIS), Transmission Line, Control Equipment at Weir and Allied E&M Works

Country: Islamic Republic of Pakistan **Loan No. /Credit No. / Grant No.:** IBRD-91640; IDA 67790

RFB No: PK-PEDO-339716-CW-RFB

Issued on: February 20, 2024

1. The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Khyber Pakhtunkhwa Hydropower Renewable Energy Development (KHRE), and intends to apply part of the proceeds toward payments under the contract for *E&M Works - Design, Supply, Installation, Testing and Commissioning of Turbines, Generators, Control Room Equipment, SCADA, Auxiliaries, Power Transformers, Switch Yard, Switch Gear (GIS), Transmission Line, Control Equipment at Weir and Allied E&M Works* of the Madyan Hydropower Project located in District Swat of Khyber Pakhtunkhwa Province (KP). For this contract the Borrower shall process the payments using the Direct Payment disbursement method, as defined in the World Bank's Disbursement Guidelines for Investment Project Financing.

2. The PEDO through PMO KHRE now invites sealed Bids from the following pre-qualified eligible Applicants for the Works/facilities, including, but not limited to the below:

Design, Supply, Installation, Testing and Commissioning of Electrical and Mechanical Works:

- **Mechanical Works:**

Turbines (2 x 90.0 MW & 1 x 35.0 MW (rated capacity)), Governors, Main Inlet valves; HVAC System, Mobile and Gantry cranes, and other Auxiliary Mechanical Systems.

- **Electrical Works:**

Generators, Transformers, HV/MV Switchgear, HV Cables, Power supplies, I&C, SCADA, Telecommunication, GIS Switchyard, and Auxiliaries.

- **Transmission Lines:**

220kV Transmission Line Interconnection – Double circuit, with approximately 2km length and 13.8kV Transmission Line, with approximately 15km length.

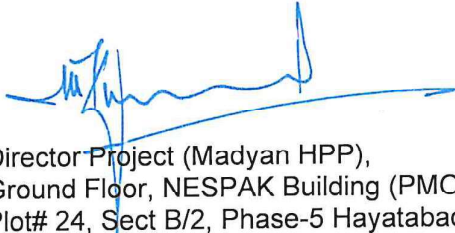
Detail Scope of Work, Quantities, location of project and other necessary information is described in the Bidding Document.

Prequalified Applicants are:

i.	M/S POWERCHINA ZHONGNAN ENGINEERING CORPORATION LIMITED AND SINOHYDRO CORPORATION LIMITED JV (Specialized sub-contractors for GIS: Xi'an XD Switchgear Electric Co. Ltd & Shandong Taikai High Voltage Switchgear Co. Ltd).
ii.	M/S CHINA GEZHOUBA GROUP COMPANY LTD (Specialized sub-contractor for GIS: Xi'an XD switchgear Electric. Co. Ltd)
iii.	M/S DONGFANG ELECTRIC INTERNATIONAL CORPORATION (Specialized sub-contractor for TL activity: Xian Electric Engineering Co. Ltd.)
iv.	M/S CHINA INTERNATIONAL WATER & ELECTRIC CORP. (CWE) AND ZHEJIANG FUCHUNJIANG HYDROPOWER EQUIPMENT CO. LTD (ZHEFU) JV (Specialized sub-contractor for GIS: Xi'an XD Switchgear Electric Co. Ltd).
v.	M/S IMPSA S.A AND M/S ZAHIR KHAN & BROTHERS JV (Specialized sub-contractor for GIS: Shangai Sieyuan High Voltage Switchgear Co. Ltd)
vi.	M/S GE HYDRO FRANCE AND GRID SOLUTIONS SAS JV (Specialized sub-contractor for TL: Netracon Technologies)
vii.	M/S MULTIPLE CONTRACTORS ANDRITZ HYDRO (JV of Andritz Hydro GmbH & Andritz China) (Specialized sub-contractor for GIS: Xi'an XD Switchgear Electric Co. Ltd Specialized sub-contractor for TL: Niazi sons Construction Co.)
viii.	M/S HARBIN ELECTRIC INTERNATIONAL CO. LTD

3. Bidding will be conducted through international competitive procurement using Request for Bids (RFB) as specified in the World Bank's Procurement Regulations for IPF Borrowers- July 2016 Edition (Revised November 2017 and August 2018) ("Procurement Regulations"), and is open to all prequalified eligible Bidders.
4. Prequalified eligible Bidders may obtain further information from the Office of Director Project-MHPP and inspect the bidding document during office hours at the address given below.
5. The bidding document in English may be purchased by prequalified eligible Bidders upon the submission of a written application to the address below and upon payment of a nonrefundable fee Pakistani Rupee 20,000/- or equivalent USD. The method of payment will be through cashier's check, pay order or bank draft drawn on a scheduled bank of Pakistan in favour of the "Head PMO Construction of 157MW Madyan". The document will be sent by airmail or courier as appropriate or it may be picked up from the Employer's address given below.

6. Bids must be delivered to the address below on or before **1200 Hrs, 23rd April 2024**. Electronic bidding will not be permitted. Late Bids will be rejected. The outer Bid envelopes marked "ORIGINAL BID", and the inner envelopes marked "TECHNICAL PART" will be publicly opened in the presence of the Bidders' designated representatives and anyone who chooses to attend, at the address below on **1200 Hrs, 23rd April 2024**. All envelopes marked "FINANCIAL PART" shall remain unopened and will be held in safe custody of the Employer until the second public Bid opening.
7. All Bids must be accompanied by a Bid Security of USD 1.5 Million or its equivalent in another freely convertible currency calculated on the base of the selling exchange rate of the State Bank of Pakistan on the date of 28 days before the deadline of the bid submission.
8. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful bidder's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the bidding document.
9. The address referred to above is:



Director Project (Madyan HPP),
Ground Floor, NESPAK Building (PMO KHRE, PEDO),
Plot# 24, Sect B/2, Phase-5 Hayatabad, Peshawar
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