



Bangladesh-China Power Company (Pvt.) Limited

(A Joint Venture of NWPGL and CMC)

8, Panthapath, Kawran Bazar, Level 5, UTC Building, Dhaka-1215, Bangladesh

IFB No.:1458/BCPCL/Payra/2020

December 14, 2020

INVITATION FOR BIDS

Design, Supply, Installation, Testing and Commissioning of Payra-Gopalganj-Aminbazar 400kV Double Circuit Transmission Line (2nd phase) on Turnkey Basis

1. Bangladesh-China Power Company (Pvt.) Limited (BCPCL), a joint venture of North-West Power Generation Company Limited (an Enterprise of Bangladesh Power Development Board) and China National Machinery Export & Import Corporation (a state-owned company in China), invites sealed bids from eligible bidders for Design, Supply, Installation, Testing and Commissioning of Payra-Gopalganj-Aminbazar 400kV Double Circuit Transmission Line (2nd phase) on Turnkey Basis.

2. Bidders shall meet the following minimum requirements along with other requirements as mentioned in the bidding documents:

a) Participation as a prime contractor (single entity or JV member) for at least two (2) similar completed contracts, fifteen (15) years prior to the bid submission date having total route length of lines for the two (2) contracts of at least 140km. The scope of each contract must include design, supply, foundation, erection, stringing, testing & commissioning of single and/or double circuit 345kV above voltage overhead transmission lines on lattice type tower.

For the above two contracts executed during the period mentioned above:

- Both contracts shall be of 345kV or higher voltage rating.
- At least one of the above-mentioned two contracts shall be in successful operation for a minimum of two (2) years immediately preceding the bid closing date.
- At least one of the above contracts must be completed outside the Bidder's own country.

b) For River Crossing Experience, Bidder or his Specialist Sub-Contractor must have completed at least one (1) project with voltage level 220kV or above, river or sea crossing of span length 700m or more within the last 10 years. Two (2) or more transmission tower foundations shall be located within the water body. Scope shall include foundation, erection, and stringing.

The qualification criteria specified above are in brief. The Bidders are advised to inspect the bidding documents by visiting BCPCL's website <https://www.bcpcl.org.bd/>.

3. The scope of Works is as follows:

a) 400 kV Double Circuit Overhead Transmission Line from Payra Thermal Power Plant to Aminbazar Substation via. Gopalganj Substation.

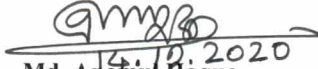
The total length of the overhead transmission line is approximately 256.318 km using Quad Bundle ACSR Finch Conductor per phase with one ACSR Dorking earthwire and one equivalent OPGW for overland portion & Quad Bundle ACCC ULS 724/71 Dhaka Conductor per phase with one 19/3.67 mm 20SA earthwire and one equivalent OPGW for river crossing portion.

b) 400 kV Double Circuit Overhead Transmission Line Crossing Payra, Sugangha, Sondha and Padma River.

The Payra-Gopalganj corridor overhead transmission line will have three (3) river crossings of 2.736km (Payra River 1566 m + Sugangha River 730 m + Sondha River 440 m) for which special river crossing towers and anchor towers will be needed. The river crossing towers and anchor towers shall be designed for Quad Bundle ACCC ULS 724/71 Dhaka Conductor per phase with one 19/3.67 mm 20SA earthwire and one equivalent OPGW.

The Padma River crossing is part of Gopalganj-Aminbazar overhead transmission line corridor. The total length of the overhead transmission line crossing Padma River is approximately 6.777km using Quad Bundle ACCC ULS 724/71 Dhaka Conductor per phase with one 19/3.67 mm 20SA earthwire and one equivalent OPGW.

- c) Extension of Gopalganj 400 kV AIS Substation
Design, supply, installation, testing, and commissioning of outdoor type two (2) 400 kV incoming line bays to connect 400 kV Double Circuit Overhead Transmission Line from Payra Thermal Power Plant, two (2) 400 kV outgoing line bays to connect 400 kV Double Circuit Overhead Transmission Line to Aminbazar Substation and two (2) 400 kV bus tie bays.
- d) Extension of Aminbazar 400kV AIS Substation
Design, supply, delivery, installation, testing, and commissioning of outdoor type two (2) 400kV incoming line bays to connect 400 kV Double Circuit Overhead Transmission Line from Gopalganj Substation and two (2) 400 kV bus tie bays.
4. International Competitive Bidding will be conducted in accordance with Single Stage Two-Envelope bidding procedure and is open to all bidders from eligible countries. The proposed project will be under ECA finance.
5. The Works under this turnkey contract shall have to be completed within 990 (nine hundred and ninety) days from the effective date.
6. Bidders may acquire the bidding documents and obtain further information from the Corporate office of Bangladesh-China Power Company (Pvt.) Limited, Level 5, UTC Building, 8 Panthapath, Kawranbazar, Dhaka – 1215, Bangladesh
The complete bidding documents are available at BCPCL's website <http://www.bcpcl.org.bd/>. In case of any discrepancy between the documents downloaded by the prospective bidder and the Bidding Documents (hard copy) of BCPCL, the later shall prevail.
7. A complete set of bidding documents may be purchased by interested eligible bidders on submission of a written application to the Company Secretary, BCPCL at the above address upon payment of a non-refundable fee of US\$500.00 (United States Dollars Five hundred) only or BDT 42,500.00 (Taka forty-two thousand five hundred) only in the form of an International Bank Draft encashable at any scheduled bank in Bangladesh or in the form of Local Pay Order/ Demand Draft in favor of Company Secretary, Bangladesh-China Power Company (Pvt.) Limited. The document may also be sent through courier for an additional fee of Taka 1000.00 (for local delivery) or US\$ 120.00 (for overseas delivery). BCPCL shall not be responsible for any postal delay. Electronic submission is not allowed.
8. Bids must be delivered to the address mentioned above on or before 12:00 hours Local Time (GMT+6 hours) on February 04, 2021 together with a Bid Security of US\$3,500,000.00 (United States Dollar Three million five hundred thousand) only, or an equivalent amount in freely convertible currency.
9. The technical bids will be opened at 12:30 Hours Local Time (GMT+6 hours) on February 04, 2021 at the same address mentioned in item 6 in the presence of Bidders' representatives who choose to attend.
10. A Pre-Bid meeting will take place at 11:00 hours Local Time (GMT+6 hours) on December 30, 2020 at the Corporate office of the Bangladesh-China Power Company (Pvt.) Limited, Level 5, UTC Building, 8 Panthapath, Kawranbazar, Dhaka-1215, Bangladesh. BCPCL will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids including costs and expenses related to visits to the sites of the Works.
11. BCPCL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.


Md. Anamul Haque
Company Secretary (In-Charge)
BCPCL