

EMCO ENERGY LIMITED

# Qualifying Requirement

For

400 KV D/C Twin Moose Transmission Line package from  
EMCO Plant at Warora to PGCIL Substation at Bhadrawati

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## **1.1 Technical Experience:-**

- The bidder shall have satisfactorily completed turnkey execution of 132 KV or above voltage class transmission lines as on date of bid opening. The bidder's experience should include the following:-
- The bidder should have Physically constructed on its own (or in Joint Venture) any turnkey project of Transmission Line (including supply of tower materials, erection work and stringing) in India, not less than 60 kms. (worth Rs. 30Crores) cumulative route length of transmission lines of 132 kV or higher voltage class involving stringing within the last seven (7) years, out of which Route length of one line should not be less than 30KM.
- Bidder should have successfully completed execution of at least one Supply cum erection contract of a 132/400 KV Line under a directly awarded contract from any utility (CTU/STU) out of the total experience within last preceding 3 years. Experience as a member of JV will also be considered. Experience as a subcontractor may be considered if the bidder has done the work back to back basis.
- Bidder should have their own design for type tested tower design for Double Circuit Twin Moose pertaining to wind zone 3. However, the individual design of the tower should not have more weight and volumes as compared to PGCIL design for the same tower.
- Alternatively, the bidder may purchase the Type tested tower design from the PGCIL and the contract price shall be inclusive of the design charges. The successful bidder is required to acquire the design usage rights for use in the subject line package by EMCO Energy Limited. However, the EPC contractor should have their in house design competencies for modifications, adoptions etc.

## **1.2 Manufacturing Facilities :-**

- The Bidder should have his own or JV Partner's manufacturing facilities for the Transmission Line towers and tower parts having the following minimum manufacturing capacities and manufacturing experience:-
  - i. Manufacturing capacity per financial year: 10000 MT.
  - ii. Manufacturing Experience: Average quantity of towers manufactured per financial year during last three financial years (immediately preceding the date of bid submission) should not be less than: 5000 MT.
  - iii. The bidder should be a manufacturer of the tower for at least 3 years as on the date of Bid opening. Towers required for the project shall only be supplied from the Bidder's own manufacturing plant (Outsourcing is not allowed for towers).
  - iv. Conductor, Insulators, Earthwire, Line hardware and accessories, tower accessories etc may be out sourced from mutually agreed approved vendors.

## **1.3 Equipment capabilities:**

- The bidder should be capable of arranging at least one sets of Tension Stringing Equipment each of 15 Tonnes Capacity and corresponding quantity of the major tools.

#### **1.4 Financial Position:-**

- The bidder shall meet the following minimum criteria:-
  - i. Minimum Average Annual Turnover \*(MAAT) for last three financial years: Rs. 50 Crore
    - \* Annual total income as incorporated in the profit & loss account
  - ii. Bidder shall have liquid assets (L.A.) or/and evidence of access to or availability of credit facilities: Rs. 5 Crore

#### **1.5 Joint Venture:**

(a) In case a bid is submitted by a Joint Venture (JV) of two or more firms as partners, joint venture must comply with the following minimum criteria:

(i) The lead partner of Joint Venture shall meet not less than 50% of the Technical Experience criteria given at Para 1.1(ii) above and not less than 40% of the Financial position criteria given at Para 1.4 above.

(b) In case the JV intend to participate in the package proposing supply of tower parts from a manufacturer(s) then the manufacturer(s) shall meet the Manufacturing Facilities criteria given at para 1.2 above.

(c) The joint venture must collectively meet the criteria given at para 1.1, 1.2, 1.3 and 1.4 above for which purpose the relevant figure of Technical Experience, Manufacturing Facilities, Equipment Capabilities and Financial Position for each of the partners of the JV shall be added together.

(d) In case of Joint Venture, the following conditions shall also apply:

(i) the bid, and in case of successful bid, the specified Form of Agreement shall be signed so as to be legally binding on all partners. (Form enclosed)

(ii) one of the partners shall be nominated as Lead Partner, and the Lead Partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the Joint Venture, and the entire execution of the Contract shall be done with the Lead Partner and payment under the contract shall be received by the Lead Partner on behalf of the Joint Venture as per power conferred to him in the Power of Attorney. The authorization shall be evidenced by submitting a Power of Attorney signed by legally authorized signatory of all the partners as per Performa in section "Annexure". The payment under the Contract can also be received by other partner(s) based on authorization of Lead Partner.

(iii) All partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract in accordance with the Contract terms, and a statement to this effect shall be included in

the authorization mentioned under (ii) above as well as in the Bid Form and in the Contract Form (in case of a successful bid).

(iv) Agreement entered into by the Joint Venture partners shall be submitted with the bid.