

Shram Shakti Bhawan, Rafi Marg  
New Delhi -01, Dated 16<sup>th</sup> February 2024

To,

Sh. Mukul Agarwal (Director),  
Khavda IV C Power Transmission Limited,  
Core 4, SCOPE Complex 7, Lodhi Road,  
New Delhi-110003

**Subject: Prior approval of the Government of India under Section 68 (1) of the Electricity Act, 2003, for installation of overhead transmission lines under the transmission scheme "Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part-C" to Khavda IV C Power Transmission Limited- regarding.**

Sir,

I am directed to refer to Khavda IV C Power Transmission Limited's online application on NSWS portal dated 27.12.2023, seeking prior approval of Government of India under Section 68 (1) of the Electricity Act 2003, in favor of M/s Khavda IV C Power Transmission Limited for installation of the following overhead transmission lines under the transmission scheme "Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part-C":

- South Olpad (GIS) – Boisar-II (GIS) 765 kV D/c line
- LILO of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II
- Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line
- LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I) using twin HTLS conductor with a minimum capacity of 1700 MVA per ckt at nominal voltage

2. Ministry of Power vide Gazette No. CG-DL-E-06092023-248580 (No. 3733) dated 04.09.2023 has appointed REC Power Development and Consultancy Limited (RECPDCL) as Bid Process Coordinator for the purpose of selection of Bidder as Transmission Service Provider (TSP) to establish the transmission scheme "Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part-C" to be implemented through Tariff Based Competitive Bidding (TBCB) route. REC Power Development and Consultancy Limited, the Bid Process Coordinator, has incorporated the SPV, 'Khavda IV C Power Transmission Limited', for implementation of the transmission scheme with the following broad scope of works:

- i. Establishment of 4x1500 MVA, 765/400 kV & 2x500 MVA, 400/220 kV Boisar-II (GIS) S/s with 2x330 MVAR, 765 kV bus reactors and 2x125 MVAR, 420 kV bus reactors
- ii. South Olpad (GIS) – Boisar-II (GIS) 765 kV D/c line
- iii. 2 Nos. of 765 kV line bays at South Olpad (GIS) for termination of South Olpad (GIS) – Boisar-II (GIS) 765 kV D/c line
- iv. 240 MVAR switchable line reactors on each ckt at South Olpad (GIS) & Boisar-II (GIS) end of South Olpad (GIS) – Boisar-II (GIS) 765 kV D/c line (with NGR by-pass arrangement)
- v. LILO of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II
- vi. Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line
- vii. 2 Nos. of 400 kV line bays at Velgaon (MH) for termination of Boisar-II – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line

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- viii. LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I) using twin HTLS conductor with a minimum capacity of 1700 MVA per ckt at nominal voltage
- ix. 80 MVAR switchable line reactors at Bosar-II end of Boisar-II – Babhaleswar 400 kV D/c line (with NGR bypass arrangement) formed after above LILO
- x. ±200 MVAR STATCOM with 2x125 MVAR MSC, 1x125 MVAR MSR at 400 kV bus section-1 of Boisar-II and ±200 MVAR STATCOM with 2x125 MVAR MSC, 1x125 MVAR MSR at 400 kV bus section-II of Boisar-II
- xi. ± 300 MVAR STATCOM with 3x125 MVAR MSC, 1x125 MVAR MSR at 400 kV level of Navsari (New)(PG) S/s with 1 No. of 400 kV bay (GIS)

3. Based on the recommendation of Central Electricity Authority (CEA), Ministry of Power conveys the prior approval under Section 68 (1) of the Electricity Act, 2003 to the SPV, 'Khavda IV C Power Transmission Limited' for installation of the following overhead transmission lines under the transmission scheme "Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part-C":

- South Olpad (GIS) – Boisar-II (GIS) 765 kV D/c line
- LILO of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II
- Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c line
- LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I)

4. The approval would be subject to compliance of:

- (i) The relevant provisions of the Electricity Act 2003, as amended from time to time and the rules and regulations made there under, and
- (ii) CEA (Measures relating to Safety and Electrical Supply) Regulations 2023, and any subsequent amendments made thereto.

5. The approval would also be subject to the following conditions:

- (i) The implementing agency will commence construction of the project within three years of grant of approval, unless this term is extended by Ministry of Power.
- (ii) Ministry of Power may withdraw the approval before the expiry of the period of three years after giving a one-month notice.
- (iii) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

6. This issues with the approval of Competent Authority.

Yours faithfully



(Deepak Rao)  
Director  
Tel: 011-23716674

Copy to:

The Chairperson,  
Central Electricity Authority,  
Sewa Bhawan, R.K. Puram Delhi

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