

PMJTL file



Government of India
Ministry of Power/ विद्युत मंत्रालय
Central Electricity Authority/ केंद्रीय विद्युत प्राधिकरण
विद्युत प्रणाली पोजना एवं परियोजना मूल्यांकन प्रभाग-II [ISO: 9001:2008]
Power System Planning & Appraisal Division-II
सेवा भवन, रा. कृ. पुरम, नयी दिल्ली -110066
Sewa Bhawan, R. K. Puram, New Delhi-110066



No. 68/ER/2016/PSPA-2/-166-161

Dated: 28.08.2016

To

✓ Sanjay Nayak, AVP,
PFC Consulting Limited
First Floor, "Urjanidhi", 1, Barakhamba Lane,
Connaught Place, New Delhi-110001

Subject: Prior approval of the Government under Section 68(1) of Electricity Act, 2003 for "765 kV Strengthening in Eastern Region (ERSS-XVIII)" by Medinipur-Jeerat Transmission Limited.

Reference: 1. PFCCL letter no 03/ITP-23/16-17/MJTL dated 03.08.2016
2. CEA letter no. 70/1/PSPA-2/2016/289-293 dated 06.04.2016

Sir,

This has reference to PFCCL letter dated 03.08.2016 seeking prior approval of Government under section 68 (1) of the Electricity Act, 2003 for the transmission scheme "765 kV Strengthening in Eastern Region (ERSS-XVIII)" by Medinipur-Jeerat Transmission Limited with following scope of works.

(i) Establishment of 765/400kV, 2x1500MVA substation at Medinipur

765 kV

- ICTs: 7x500 MVA, 765/400 kV (1 spare unit)
- ICT bays: 2 no.
- Line bays: 4 no.
- Bus reactor: 7x110 MVAR single phase unit including one (1) spare unit
- Bus reactor bay: 2 no.
- Space for line bays (along with space for switchable line reactor): 4 no.
- Space for ICT bays: 2 no.
- Space for 6x500 MVA, 765/400 kV ICT 2no. (single phase units)

400 kV

- ICT bays: 2 no.
- Line bays: 4 no.
- Bus reactor: 2x125 MVAR
- Bus reactor bay: 2 no.
- Space for line bays (along with space for switchable line reactor): 6 no.
- Space for ICT bays: 2 no.

(ii) Establishment of 765/400kV, 2x1500MVA substations at Jeerat (New)

765 kV

- ICTs: 7x500MVA, 765/400 kV (1 spare unit)
- ICT bays: 2 no.
- Line bays: 2 no.
- Bus reactor: 7x110 MVAR single phase unit including one (1) spare unit
- Bus reactor bay: 2 no.
- Space for line bays (along with space for switchable line reactor): 4 no.
- Space for ICT bays: 2 no.
- Space for 6x500 MVA, 765/400 kV ICT 2 no. (single phase units)

400 kV

- ICT bays: 2 no.
- Line bays: 4 no.
- Bus reactor: 2x125 MVAR
- Bus reactor bay: 2 no.
- Space for line bays (along with space for switchable line reactor): 4 no.
- Space for future ICT bays: 2 no.

(iii) Ranchi (New) – Medinipur 765kV D/C line with Hexa ACSR Zebra conductor along with 765kV, 240MVAR switchable line reactor with 750Ω NGR in each circuit at Medinipur end (total: 765kV, 7x80MVAR single phase units, 1 unit as spare)

(iv) Medinipur- Jeerat (New) 765kV D/C line with Hexa ACSR Zebra conductor along with 765 kV, 240MVAR switchable line reactor with 600Ω NGR in each circuit at Jeerat (New) end (total: 765kV, 7x80MVAR single phase units, 1 unit as spare)

(v) LILO of both circuits of Chanditala – Kharagpur 400 kV D/C line at Medinipur

1) Jeerat (New) – Subhasgram 400 kV D/C line [ACSR Quad Moose current rating at 85°C]

(vii) Jeerat (New) – Jeerat (WBSETCL) 400 kV D/C line (ACSR Quad Moose current rating at 85°C)

(viii) LILO of Jeerat (WB) – Subhasgram (PG) 400 kV S/C section at Rajarhat (PG)

(ix) 2 no. 400 kV GIS line bays at Jeerat (WBSETCL)

2. The scope of works mentioned above, has been agreed in the 18th Standing Committee Meeting on Power System Planning of Eastern Region held on 13.06.2016 at Kolkata (West Bengal).

3. CEA conveys the prior approval of Government under Section 68(1) of Electricity Act, 2003 for the scheme "765 kV Strengthening in Eastern Region (ERSS-XVIII)" by Medinipur -Jeerat Transmission Limited" with above scope of works.

4. This approval is subject to compliance of

- The requirement of the relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations framed thereunder and
- CEA's (Measures relating to Safety and Electricity Supply) Regulations, 2010 framed under the Electricity Act, 2003.

5. The approval is also subject to the following conditions:

- The implementing agency will commence construction of the project within three years, unless this term is extended by the Central Electricity Authority.
- Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one month notice.
- "The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Government 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)".
Provided that "nothing contained in this rule shall effect the powers conferred upon the licensee under section 164 of the Electricity Act, 2003"

Yours faithfully,



26/8/16

(P. D. Siwal)
Secretary (CEA)

Copy to:

1. Joint Secretary (Trans), MOP, Shram Shakti Bhawan, New Delhi.