

ANNEX-VIII

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Government of India
Central Electricity Authority
R.K. Puram, New Delhi -110066



[ISO: 9001:2008]

No.1/3/2015-SP&PA - 703 - 705

New Delhi, 17 March, 2015

To,

Chairman & Managing Director
Power Grid Corporation of India
"Saudamini", Plot no. 2, Sector-29,
Gurgaon-122001
Haryana

Subject: Prior approval of the Government under Section 88(1) of Electricity Act, 2003 for "Creation of 400/220 kV substations in NCT of Delhi during 12th Plan period" by Power Grid Corporation of India Ltd (PGCIL).

Sir,

This has reference to PGCIL letter no. C/CP/Proj.ID-616 dated 9th January, 2015 seeking prior approval of Government under Section 88(1) of the Electricity Act, 2003 for "Creation of 400/220 kV substations in NCT of Delhi during 12th Plan period" with following scope of work.

DPR-1: "Creation of 400/220 kV substations in NCT of Delhi during 12th plan period (Part-A)"

Transmission Lines:

- a. LILO of both circuits of Bawana-Mandola 400 kV D/C line at Rajghat on Multi Circuit (M/C) tower with Quad/HTLS conductor;
- b. LILO of one circuit of Barnauli - Jhatikara 400 kV line at Dwarka-I with Quad/HTLS conductor.

Sub-Stations:

- a. Establishment of 4x500MVA, 400/220 kV GIS at Rajghat with associated bays (with provision for future);
- b. Establishment of 4x500MVA, 400/220 kV GIS at Dwarka-I with associated bays (with provision for future);
- c. 1x125 MVAR Bus Reactor each at 400/220 kV Rajghat and Dwarka-I Substations.

DPR-2: "Creation of 400/220 kV substations in NCT of Delhi during 12th plan period (Part-B)"

Transmission Lines:

- a. LILO of both circuits of Barnauli - Samaypur 400 kV D/C line at Tughlakabad with Quad/HTLS conductor (400kV M/C from Tughlakabad to Dera Mandi Delhi Border and 400 kV 2xD/C from Dera Mandi Delhi Border to LILO point at Alampur village, Haryana);

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- b. Jhatikara - Karampura Over Head (O/H) 400 kV D/C line on M/C tower with Quad/HTLS conductor (Multi circuit line shall have 2 nos. of 400 kV ckt to be used by POWERGRID and 2 nos. of 220 kV ckt to be used by DTL).
- c. 400kV Bawana - Karampura O/H D/C line on M/C tower with Quad/HLS conductor (Multi Circuit line shall have 2 nos. of 400 kv ckt to be used by POWERGRID and 2 nos. of 220 kV ckt to be used by DTL);

Sub-Stations:

- a. Establishment of 4x500MVA, 400/220 kV GIS at Tughlakabad with associated bays (with provision for future)
- b. Establishment of 4x500MVA, 400/220 kV GIS at Karampura with associated bays (with provision for future);
- c. 1x125 MVAR Bus Reactor each at 400/220 kV Tughlakabad and Karampura Substations.
- d. Associated bay extension/equipment replacement at Bawana
- e. Associated bay extension at Jhatikara
2. The scope of works mentioned above, has been agreed in the 34th & 35th Standing Committee Meetings on Power System Planning of Northern Region held on 8th August 2014 at NRPG, Karwaria Sarai, New Delhi & 3rd November, 2014 in Dehradun, Uttarakhand respectively.
3. CEA conveys the prior approval of Government under Section 68(1) of Electricity Act, 2003 for the scheme "Creation of 400/220 kV substations in NCT of Delhi during 12th Plan period" with above scope of works.
4. The approval is subject to compliance of
- (a) The requirement of the relevant provisions of the Electricity Act, 2003 as amended from time to time and the rules and regulations framed there-under and,
- (b) CEA's (Measures relating to Safety and Electrical Supply) Regulations, 2010 framed under the Electricity Act, 2003.
5. The approval is also subject to the following conditions:
- (i). The Implementing agency will commence construction of the project within three years, unless this term is extended by Central Electricity Authority.
- (ii). Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving an one-month notice.

O/C


Secretary, CEA 17/3

Copy to: JS (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi
Secretary, CEA