

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref.: C/CTU/AI/00/5th CCTP

26th April 2022

OFFICE MEMORANDUM

Sub: Inter-State Transmission Schemes (costing up to Rs.100 Cr.) to be taken up for implementation under Regulated Tariff Mechanism (RTM).

The undersigned is directed to inform that CTU has approved the implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with the MoP office order dated 28.10.2021 under the Regulated Tariff Mechanism (RTM) mode by the implementing agencies as indicated in the table below:

Sl.	Name of scheme	Implementing Agency
Northern Region		
1.	Implementation of 1 no. of 400 kV line bay at 400/220 kV Bikaner-II PS for interconnection of 1000 MW Solar Project of SJVN Ltd.	POWERGRID Bikaner Transmission System Ltd. {a subsidiary of Power Grid Corporation of India Ltd. [erstwhile known as Bikaner-II Bhiwadi Transco Ltd.]}
2.	Augmentation of Transformation capacity at Bhinmal (PG) S/s by 1x315MVA, 400/220kV ICT (3rd).	Power Grid Corporation of India Ltd.
Eastern Region		
3.	Eastern Region Expansion Scheme-XXVII	Power Grid Corporation of India Ltd.
North Eastern Region		
4.	North Eastern Region Expansion Scheme-XVII (NERES-XVII)	Power Grid Corporation of India Ltd.

Detailed scope of works for the above schemes, as approved by CTU are given at **Annexure-I**.

Implementing agencies shall enter into a concession agreement with CTU for implementation of the above-mentioned schemes through the Regulated Tariff Mechanism (RTM).

This issues with the approval of Competent Authority.



(Partha Sarathi Das)
Sr.General Manager

Encl: as stated.

To:

The Chairman & Managing Director
Power Grid Corporation of India Ltd.,
Saudamini, Plot No. 2, Sector-29,
Gurgaon- 122 001

Copy to:

1. **Shri Ravinder Gupta**
Chief Engineer & Member Secretary
(NCT)
Central Electricity Authority
Sewa Bhawan, R. K. Puram,
New Delhi-110 066.

2. **Shri Goutam Ghosh**
Director (Trans)
Ministry of Power,
Shram Shakti Bhawan,
Rafi Marg, New Delhi 110 001

Northern Region:**1. Implementation of 1 no. of 400 kV line bay at 400/220kV Bikaner-II PS for interconnection of 1000 MW Solar Project of SJVN Ltd.:**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	1 no. of 400 kV line bay at 400/220 kV Bikaner-II S/s for interconnection of 1000 MW Solar Project of SJVN Ltd.	<ul style="list-style-type: none"> 400 kV line bay – 1 No. 	01-10-2023
Total Estimated Cost:			INR 11.62 Crore

2. Augmentation of Transformation capacity at Bhinmal (PG) S/s by 1x315 MVA, 400/220kV ICT (3rd).

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Shifting of 1x315 MVA, 400/220kV ICT spared from Ludhiana (PG) s/s and installation of the same at Bhinmal (PG) s/s along with the implementation of associated ICT bays at Bhinmal (PG) S/s.	<ul style="list-style-type: none"> 400kV ICT Bay – 1 No. 220kV ICT Bay – 1 No. 	12 months from the issue of OM by CTUIL
Total Estimated Cost:			INR 17.61 Crore

Eastern Region:**3. Eastern Region Expansion Scheme-XXVII (ERES-XXVII)**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1.	Installation of 420kV, 1x125MVA bus reactor along with associated bay at Alipuduar (POWERGRID) S/s.	<ul style="list-style-type: none"> Bus reactor: 420kV, 125MVA – 1 no. Bus reactor bay 400kV – 1 no. 	18 months from the issue of OM by CTUIL
2.	*Installation of 420kV, 63MVA switchable line reactor at Kahalgaon (NTPC) end, one each in both circuits of Kahalgaon (NTPC) – Durgapur (POWERGRID) 400kV D/c line.	<ul style="list-style-type: none"> Line reactor: 420kV, 63MVA – 2 no. Line reactor bay 400kV – 2 no. 	18 months from the issue of OM by CTUIL
Total Estimated Cost:			INR 46.62 Cr.

Note:

- a) *NTPC to provide space at Kahalgaon end for installation of switchable line reactor. NTPC vide email dated 23-02-2022 has confirmed regarding availability of space for installation of 63MVA switchable line reactors in Kahalgaon – Durgapur 400 kV D/c line and associated AIS equipment.

North Eastern Region:

4. North Eastern Region Expansion Scheme-XVII (NERES-XVII)

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Upgradation of 33kV system of 400/132/33kV Imphal (POWERGRID) S/s to handle 20MW per feeder: Upgradation/ modification of 33kV panels of 4 nos. outgoing feeders including CT, change of suitable HT cables & accessories and structure, etc., as required.	-	09 months from the issue of OM by CTUIL
Total Estimated Cost:			INR 2 Crore (Approx.)