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. No.: C/CTU/AI/00/21st CCTP

23rd October 2024

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. No.	Name of Transmission Scheme	Implementing Agency
Northern Region		
1.	Implementation of 1 no. 220kV line bay for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos. 400kV line bays for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay) at 765/400/220kV Bikaner-III PS	POWERGRID Bikaner Neemrana Transmission Ltd. *(a subsidiary of Power Grid Corporation of India Ltd.)*
2.	Augmentation of transformation capacity at 400/220kV Samba (PG) S/s in Jammu & Kashmir by 1x500 MVA, 400/220kV ICT (4th)	Power Grid Corporation of India Ltd.
Western Region		
3.	Implementation of 2 nos. 400kV line bays at Mandsaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd.	Rajasthan IV C Power Transmission Ltd. *(subsidiary of Power Grid Corporation of India Ltd.)*
Southern Region		
4.	Augmentation of Transformation Capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)	Power Grid Corporation of India Ltd.
5.	Implementation of 1 no. of 230kV line bay at Karur 400/230kV PS for interconection of REGS of M/s Nannai Solar Park Pvt. Ltd.	Karur Transmission Ltd. *(a subsidiary of Adani Energy Solutions Ltd.)*
6.	Augmentation of Transformation Capacity at 400/220kV Bidadi GIS S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)	Power Grid Corporation of India Ltd.
North Eastern Region		
7.	North Eastern Region Expansion Scheme-29, Part-A (NERES-29, Part-A)	Power Grid Corporation of India Ltd.
8.	North Eastern Region Expansion Scheme-29, Part-B (NERES-29, Part-B)	Power Grid Corporation of India Ltd.

The detailed scope of works for the above transmission schemes is given at **Annexure-I**.

The above transmission schemes are awarded to the Implementing Agency for its implementation under RTM mode. The implementing agency shall enter into a concession agreement with CTU for the implementation of the above-mentioned transmission 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:

1. **The Chairman & Managing Director** Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	2. **POWERGRID Bikaner Neemrana Transmission Ltd.** (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009
3. **Rajasthan IV C Power Transmission Ltd.** (a subsidiary of Power Grid Corporation of India Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009	4. **Karur Transmission Ltd.** (a subsidiary of Adani Energy Solutions Ltd.) Saudamini, Plot No. 2, Sector-29, Gurgaon – 122009

Copy to:

1. **Shri B.S. Bairwa** Chief Engineer (I/c) & Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110 066.	2. **Shri Om Kant Shukla** Director (Trans) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001

CC:

1. **Development Commissioner (Power)** Power Development Department, Grid Substation Complex, Janipur, Jammu dcpjkpdd@yahoo.com; mdjkptcl1@gmail.com; pmupddjk@gmail.com; mdjkptcl1@gmail.com	*For kind information, please.*
2. **Director (Transmission)** Karnataka State Power Transmission Corp. Ltd., Cauvery Bhawan Bangalore – 560 009 dt@kptcl.com; eeeplgkptcl@gmail.com; divyajaikrishna@gmail.com; eepss1kptcl@gmail.com seeplgkptcl@gmail.com	*For kind information, please.*

Annexure-I

Northern Region

1. **Implementation of 1 no. 220kV line bay for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL) and 3 nos. 400kV line bays for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay) at 765/400/220kV Bikaner-III PS**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. 220kV line bays at 765/400/220kV Bikaner-III PS for interconnection of 300MW REGS of M/s Deshraj Solar Energy Pvt. Ltd. (DSEPL)	• 220 kV line bay – 1 no.	31.03.2026
2.	3 nos. of 400 kV line bays at 765/400/220 kV Bikaner-III PS for interconnection of 1400MW RPPD of M/s Sunbreeze Renewables Nine Pvt. Ltd. (SR9PL) (2 nos. bays) & 1000MW RPPD of M/s MRS Buildvision Pvt. Ltd. (MBPL) (1 no. bay)	• 400 kV line bay (including associated tie bay) – 3 nos.	22.08.2026
		Total Estimated Cost:	**₹50.09 Crore**

2. **Augmentation of transformation capacity at 400/220kV Samba (PG) S/s in Jammu & Kashmir by 1x500 MVA, 400/220kV ICT (4th)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Samba (PG) S/s by 1x500 MVA, 400/220kV ICT (4th) along with associated bays	• 500 MVA, 400/220 kV ICT- 1 no. • 400 kV ICT bay (in existing diameter)- 1 no. • 220 kV ICT bay- 1 no.	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
		Total Estimated Cost:	**₹ 42.18 Crore**

Western Region

3. Implementation of 2 nos. 400kV line bays at Mandsaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd.

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Implementation of 2 nos. 400kV line bays at Mandsaur S/s for Interconnection of 3x504MW PSP of Greenko MP01 IREP Pvt. Ltd. through Greenko MP01 – Mandsaur PS 400kV D/c (quad ACSR/AAAC/AL59 moose equivalent) line	• 400kV line bays (including associated tie bay): 2 Nos.	19.08.2026
		Total Estimated Cost:	**₹ 30.46 Crore**

Southern Region

4. Augmentation of Transformation Capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 400/220kV, 1x500MVA ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Yelahanka (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)	• 500MVA, 400/220kV ICT – 1no. • 400kV ICT bay–1 No. (GIS) • 220kV ICT bay–1 No. • 400kV GIS Bus duct (1 Ph.)– approx. 100 meters	21 months from the date of issuance of OM by CTUIL i.e. 23/07/2026
		Total Estimated Cost:	**₹ 51.96 Crore**

5. **Implementation of 1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.	• 230kV line bay–1 No.	15 months from the date of issuance of OM by CTUIL i.e. 23/01/2026
		Total Estimated Cost:	**₹ 5.57 Crore**

6. **Augmentation of transformation capacity at 400/220kV Bidadi (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Augmentation of transformation capacity at 400/220kV Bidadi (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)	• 500MVA, 400/220kV ICT – 1no. • 400kV ICT bay–1 No. (GIS) • 220kV ICT bay–1 No. (GIS) • 220kV GIS Bus duct (1ph) – approx. 120 meters • 400kV GIS Bus duct (1 Ph.)– approx. 80 meters • 220kV GIS hall to be extended for installation of 220kV GIS bay module under present scope	21 months from the date of issuance of OM by CTUIL i.e. 23/07/2026
		Total Estimated Cost:	**₹ 55.81 Crore**

North Eastern Region

7. **North Eastern Region Expansion Scheme – 29, Part–A (NERES–29, Part–A)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Installation of new 1x50MVA, 132/33kV (3rd) ICT at Namsai (POWERGRID) S/s along with associated bays.	• 50MVA, 132/33kV ICT: 1 no. • 132kV ICT bays: 1 no. • 33kV ICT bays: 1 no.	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
		Total Estimated Cost:	**₹ 16.30 Crore**

8. **North Eastern Region Expansion Scheme–29, Part–B (NERES–29, Part–B)**

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe
1.	Installation of new 420kV, 125MVAr Bus Reactor at Biswanath Chariali (POWERGRID) S/s along with associated bays.	• 420kV, 125MVAr Bus Reactor: 1 no. • 400kV reactor bay (including associated tie bay): 1 no.	18 months from the date of issuance of OM by CTUIL i.e. 23/04/2026
		Total Estimated Cost:	**₹ 32.39 Crore**