

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/00/12th CCTP

21st April 2023

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
Western Region		
1.	Implementation of 1 no. 220kV bay at Parli(PG) for interconnection of RE project of M/s Renew Tej Shakti Pvt Ltd. (RTSPL).	Power Grid Corporation of India Ltd.
Northern Region		
2.	Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	Power Grid Corporation of India Ltd.
3.	Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315 MVA, 400/220kV ICT (3 rd)	NRSS XXIX Transmission Ltd. (NTL) (a subsidiary of India Grid Trust)
Eastern Region		
4.	Eastern Region Expansion Scheme-XXXVI (ERES-XXXVI)	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.


(Jasbir Singh) 21/04/23
Chief General Manager

Encl: as stated.

To:

<p>1. The Chairman & Managing Director Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001</p>	<p>2. Shri Lokendra Singh Ranawat Head (Regulatory) NRSS XXIX Transmission Ltd (NTL) (a subsidiary of India Grid Trust) Unit No. 101, First Floor, Windsor, Village Kolekalyan, Off CST Road, Vidyanagari Marg, Kalina, Santacruz (East), Mumbai – 400 098</p>
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Copy to:

<p>1. Shri Ishan Sharan Chief Engineer & Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110 066.</p>	<p>2. Shri Om Kant Shukla Director (Trans) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001</p>
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Western Region

1. Implementation of 1 no. 220kV bay at Parli(PG) for interconnection of RE project of M/s Renew Tej Shakti Pvt Ltd. (RTSPL)

Sl. No.	Scope of the Transmission Scheme	Item Descriptions	Implementation Timeframe.
1.	220kV line bay at Parli(PG) S/s for interconnection of Renew Tej Shakti Pvt. Ltd. (RTSPL)	• 220 kV line bay – 1no.	30.04.2025
Total Estimated Cost:			₹ 5.84 Crore

Northern Region

2. Implementation of Bus Sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	1 Set of Bus sectionalizer at 400kV level of 765/400/220kV Fatehgarh-III PS (Section-2)	• 400 kV Bus sectionalizer – 1 set	Matching with Ph-III Part-E1 package (refer note 1)
Total Estimated Cost:			₹ 17.11 Crore

Note: -

1. As per MOP OM dated 01.12.21, Phase-III Part E1 implementation timeframe is to be matched with Phase-III Part A1. It is expected that SPV of Phase-III Part A1 package may be transferred by Jun'23 (18 months schedule) (LOI issued by BPC).

3. Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315 MVA, 400/220kV ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation timeframe
1	Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315MVA 400/220 kV ICT (3 rd) (three single phase units of 105MVA) along with associated transformer bays* *along with GIB (420kV & 245kV 1-ph indoor and outdoor GIB)	<ul style="list-style-type: none"> • 315 MVA, 400/220 kV ICT– 1 no. (three nos. single phase units of 105MVA) • 400 kV ICT bay (GIS) – 1no. + 1no. additional bay for diameter completion (refer note 2) • 220 kV ICT bay (GIS) – 1 no. 	21 months from the issue of OM by CTUIL (refer note 1)
Total Estimated Cost:			₹ 82.04 Crore

Note: -

1. Best efforts shall be carried out to implement the transmission scheme within 18 months from the issue of OM by CTUIL
2. One complete 400kV diameter (3 breakers) shall be implemented.

Eastern Region

4. Eastern Region Expansion Scheme-XXXVI (ERES-XXXVI)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation timeframe
1	Installation of new 220/132kV, 1x200MVA (4 th) ICT at Ara (POWERGRID) S/s with associated bays in AIS (220kV bay no. 203 & 132kV bay no. 6) including uprating of 132kV existing bus.	<ul style="list-style-type: none"> • 220/132kV, 1x200MVA ICT (4th) – 1 no. • 220kV ICT bay – 1 no. • 132kV ICT bay – 1 no. 	18 months from the issue of OM by CTUIL.
2	Interconnection between 132kV side of 4 th ICT and 132kV ICT bay (no. 6) through 1C, 1200sqmm XLPE Cu cable.	<ul style="list-style-type: none"> • 1C, 1200sqmm XLPE Cu cable – 1 km (4 runs, each of 250m) 	
Total Estimated Cost:			₹ 26.81 Crore