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/00/3rd CCTP

03rd February 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
Western Region		
1.	Scheme for fault level control at Dehgam (PG) & Ranchodpura (GETCO) S/s	Power Grid Corporation of India Ltd.
2.	Western Region Expansion Scheme-XXVI (WRES-XXVI)	Power Grid Corporation of India Ltd.
Southern Region		
3.	Augmentation of transformation capacity at Tuticorin-II (GIS) PS by 1x500MVA, 400/230kV ICT (5th).	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:

1. **Director (Projects)**
   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

Annexure-I

Western Region:

1. Scheme for fault level control at Dehgam (PG) & Ranchodpura (GETCO) S/s:

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Bypassing of Rachhodpura (GETCO) – Dehgam (PG) 400kV D/c line at Dehgam (PG) S/s and connecting it with Dehgam(PG) – Pirana 400kV D/c line (one circuit via Nicol) so as to form Ranchhodpura (GETCO) – Pirana (PG) 400kV D/c line (one circuit via Nicol). **Note:** 400 kV D/c Dehgam-Ranchodpura line is crossing with 400kV D/c Dehgam–Pirana line near the boundary wall of substation premises (tower 2 & 3 of Ranchodpura line and tower 3 & 4 of Pirana line from Dehgam SS end). It is possible to disconnect both the lines towards the Dehgam end and join with each other so that the 400kV D/c Ranchhodpura – Pirana line shall be established.	-	6 months from the issue of OM by CTUIL
		Total Estimated Cost:	**Less than INR 1 Crore@**

@since no extra Tower is required as per communication received from POWERGRID

2. Western Region Expansion Scheme-XXVI (WRES-XXVI):

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Creation of 220kV level (GIS) at 765/400kV Shikrapur (PGCIL) (GIS) Substation with 2x500MVA, 400/220kV ICTs and 4 nos. of 220kV line bays.	400/220kV, 500MVA ICT– 2 nos. 400kV ICT Bay (GIS) – 2nos. 220kV ICT Bay (GIS) –2nos. 220kV Line Bay (GIS) –4nos.	Mar'23#
		Total Estimated Cost:	**INR 95 Crore**

Note:

1. MSETCL shall ensure LILO of both circuits of 220 kV Khed City – Ranjangaon D/c line with high capacity conductor (of minimum capacity of 400MVA/ckt at nominal voltage) at 765/400/220kV Pune GIS (Shikrapur) S/s in matching time-frame of WRES-XXVI. Further, the

balance section of Pune (GIS) – Ranjangaon 220kV D/c line shall be reconductored by MSETCL in the future based on loadings on the line.

2. #POWERGRID to coordinate for implementation in matching time-frame with downstream 220kV lines of MSETCL.

Southern Region:

3. Augmentation of transformation capacity at Tuticorin-II (GIS) PS by 1x500MVA, 400/230kV ICT (5th):

Sl. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1	Augmentation of transformation capacity at Tuticorin-II (GIS) PS by 1x500MVA, 400/230kV ICT (5th).	400/230kV, 500MVA ICT (5th) – 1no. 400kV ICT bay (GIS type) – 1 No. 230kV ICT bay (Hybrid type) – 1 No.	Mar'23
		Total Estimated Cost:	**INR 49 Crore**

Note: Provision for 1x500MVA, 400/230kV ICT (6th) may be kept in GIS hall.