

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED
(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
(A Government of India Enterprise)

Ref.: C/CTU/AI/00/2nd CCTP

29th December 2021

OFFICE MEMORANDUM

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

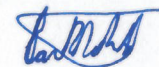
The undersigned is directed to inform that CTU has approved implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with MoP office order dated 28.10.2021 under the Regulated Tariff Mechanism (RTM) mode by the implementing agencies as indicated in the table below:

Sl.	Name of scheme	Implementing Agency
Western Region		
1.	Scheme to control fault level at Indore S/s	Power Grid Corporation of India Ltd.
2.	Upgradation of 40% FSC associated with Wardha – Aurangabad 400 kV D/c line at Wardha S/s from 40 kA to 50 kA short circuit level	Power Grid Corporation of India Ltd.
Northern Region		
3.	Implementation of 2 nos. of 220kV line bays at 400/220 kV Jind (PG) S/s	Power Grid Corporation of India Ltd.

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

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

This issues with the approval of Competent Authority.



(Partha Sarathi Das)
Sr. General Manager

Encl: as stated.

To:

<p>1. Director (Projects) Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001</p>

Copy to:

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

<p>2. Shri Goutam Ghosh Director (Trans) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001</p>
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Western Region:**1. Scheme to control fault level at Indore S/s**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Splitting of 400 kV bus at 765/400/220 kV Indore S/s into two sections (A&B) * through 400kV Bus Sectionalizer bays (GIS) & GIS Bus duct (as per schematic given above) <i>*Between dia (765kV ICT-2 – TIE – 125Mvar 420kV Bus reactor) and dia (63Mvar 420kv Bus Reactor – TIE – 400kV Indore MP Line)</i>	400 kV Bus Sectionalizer bays (GIS) - 2nos. GIS Bus duct – about 300mts.	15 months from the issue of OM by CTUIL
Total Estimated Cost:			Rs. 15 Cr.

2. Upgradation of 40% FSC associated with Wardha – Aurangabad 400kV D/c line at Wardha S/s from 40kA to 50kA short circuit level

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Upgradation of 40% FSC associated with Wardha – Aurangabad 400kV D/c (Quad) line at Wardha S/s from 40kA (1s) to 50kA (1s) short circuit level	Replacement of spark gap, MOV and bypass switch associated with the FSC	15 months from the issue of OM by CTUIL
Total Estimated Cost:			Rs. 15 Cr.

Northern Region:**3. Implementation of 2 nos. of 220kV line bays at 400/220 kV Jind (PG) S/s**

S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1	220 kV bays at 400/220 kV Jind (PG) S/s for LILO of both circuits of 220 kV Jind (HVPNL) to PTPS D/C line at 400/220 kV Jind (PG) S/s	220 kV line bays - 2nos.*	July 2023
Total Estimated Cost:			8 Cr.

* Out of requirement of 4 bays for the LILO, 2 Nos. 220kV bays have already been approved for implementation under RTM by POWERGRID (in 5th NCT held on 25.08.2021 & 02.09.2021 and vide MOP OM dated 01.12.2021)