

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/00/6<sup>th</sup> CCTP

24<sup>th</sup> June 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
<b>Western Region</b>		
1.	Western Region Expansion Scheme-XXIV (WRES-XXIV)	Power Grid Corporation of India Ltd.
<b>Northern Region</b>		
2.	Requirement of 220 kV line bays (GIS) at 400/220kV Prithla (GPTL) S/s.	Gurgaon-Palwal Transmission Ltd. (GPTL) [a subsidiary of INDIGRID]
<b>Southern Region</b>		
3.	Augmentation of Transformation Capacity by 1x500 MVA, 400/220kV ICT (6 <sup>th</sup> ) and common facility works at Pavagada (Tumkur) PS.	Power Grid Corporation of India Ltd.
<b>Eastern Region</b>		
4.	Eastern Region Expansion Scheme-XXVIII (ERES-XXVIII)	Power Grid Corporation of India Ltd.

The detailed scope of works for the above transmission schemes, as approved by CTU is given at **Annexure-I**.

Implementing agencies shall enter into a concession agreement with CTU for the 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:**

<p><b>1. The Chairman &amp; Managing Director</b> Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001</p>	<p><b>2. Shri I R Venkatraman</b> Head &amp; VP – Regulatory &amp; Contracts Gurgaon-Palwal Transmission Ltd. (a subsidiary of INDIGRID Ltd.) Windsor building, near Raheja centre point Off CST Road, Kalina, Santacruz (East) Mumbai – 400 098</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Copy to:**

<p><b>1. Shri Ravinder Gupta</b> Chief Engineer &amp; Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R. K. Puram, New Delhi-110 066.</p>	<p><b>2. Shri Goutam Ghosh</b> Director (Trans) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

**Western Region****1. Western Region Expansion Scheme-XXIV (WRES-XXIV):**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Conversion of 2x240MVA non-switchable line reactors at Raipur PS (associated with Raipur PS – Champa PS 765kV circuits 1 & 2) into Switchable line reactors along with NGR bypass arrangement	Switching equipment along with NGR bypass arrangement – 2 nos.	Jun'23
<b>Total Estimated Cost:</b>			<b>INR 10.2 Crore</b>

**Northern Region:****2. Requirement of 220 kV line bays (GIS) at 400/220kV Prithla (GPTL) S/s.:**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	2 no. of 220 kV line bays (GIS) at 400/220 kV Prithla (GPTL) S/s	220 kV line bays (GIS) – 2 nos.	31.03.2024
<b>Total Estimated Cost:</b>			<b>INR 12.22 Crore</b>

**Southern Region:****3. Augmentation of Transformation Capacity by 1x500 MVA, 400/220kV ICT (6th) and common facility works at Pavagada (Tumkur) PS.**

Sl. No.	Scope of the Transmission Scheme	Capacity/km	Implementation timeframe
1	Augmentation of transformation capacity by 1x500 MVA, 400/220 kV ICT (6 <sup>th</sup> ) at Pavagada PS.	<ul style="list-style-type: none"> <li>• 1x500 MVA, 400/220 kV ICT</li> <li>• 400kV ICT bay – 1 No.</li> <li>• 220kV ICT bay – 1 No.</li> </ul>	Dec'23
2	Implementation of 220kV bus sectionalizer along with bus coupler & transfer bus coupler at Pavagada PS.	<ul style="list-style-type: none"> <li>• 220kV Bus Sectionalizer Bay – 1 Set</li> <li>• 220kV Bus Coupler Bay – 1 No.</li> <li>• 220kV TBC bay – 1 No.</li> </ul>	Dec'23
<b>Total Estimated Cost:</b>			<b>INR 62.52 Crore</b>

**Eastern Region:**

**4. Eastern Region Expansion Scheme-XXVIII (ERES-XXVIII)**

<b>Sl. No.</b>	<b>Scope of the Transmission Scheme</b>	<b>Capacity/km</b>	<b>Implementation timeframe</b>
1	(a) Installation of 420kV, 1x125MVar bus reactor along with associated bay at Biharsharif (POWERGRID) S/s in the bus section having 1x80MVar existing bus reactor.  <i>Note: Upon implementation of the above reactor, split Section-A shall have 1x80MVar + 1x125MVar bus reactors and Section-B shall have 1x50MVar + 2x125MVar bus reactors.</i>	<ul style="list-style-type: none"><li>• 420kV, 1x125MVar Bus reactor – 1 no.</li><li>• 400kV Bus reactor bay – 1 no.</li></ul>	18 months from the issue of OM by CTUIL
<b>Total Estimated Cost:</b>			<b>INR 23.27 Crore</b>