

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/00/13th CCTP

8th June 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. 400kV bay at Kallam PS for interconnection of RE project of Torrent Solar Power Pvt. Ltd. (TSPPL)	Kallam Transmission Ltd. (a subsidiary of India Grid Trust)
Northern Region		
2.	Augmentation of transformation capacity at 400/220kV Nalagarh S/s by 400/220kV, 1x500 MVA ICT (4 th)	Power Grid Corporation of India Ltd.
3.	Augmentation of transformation capacity at 400/220kV Bikaner-II PS by 400/220kV, 1x500 MVA ICT (3 rd)	Power Grid Bikaner Transmission System Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
Eastern Region		
4.	Eastern Region Expansion Scheme-XXXV (ERES-XXXV)	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)
08/06/23
Chief 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. Shri Venkatraman Inumula Vice President – Regulatory & Contracts, Kallam Transmission Ltd. (KTL) (A consortium of IndiGrid 1 Ltd. & IndiGrid 2 Ltd.) Unit No. 101, First Floor, Windsor, Village Kolekalyan, Off CST Road, Vidyanagari Marg, Santacruz (East), Mumbai – 400 098, Maharashtra
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Copy to:

1. Shri Ishan Sharan Chief Engineer & 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
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CC:

1. Shri Jigish Mehta Director Torrent Solar Power Pvt. Ltd. Sugen Mega Power Project, Torrent Power Ltd., Village-Akhakhol, Dist.-Surat 394 155	<i>With the request to implement Wind Power Project along with 400kV S/c dedicated transmission line by 30.12.2024 i.e., implementation timeframe of 1 no. 400kV line bay at Kallam PS.</i>
2. Director (P & C) HPPTCL, Headoffice, Himfed Bhawan, Panjari, Shimla-171005 Himachal Pradesh	<i>For Kind information</i>
3. Director (Technical) Punjab State Transmission Corporation Ltd. Head Office, The Mall, Patiala 147001, Punjab	<i>For Kind information</i>

Western Region

1. Implementation of 1 no. 400kV bay at Kallam PS for interconnection of RE project of Torrent Solar Power Private Limited (TSPPL)

Sl. No.	Scope of the Transmission Scheme	Item Descriptions	Implementation Timeframe.
1.	400kV line bay at Kallam PS for interconnection of Torrent Solar Power Pvt. Ltd. (TSPPL)	• 400kV line bay (including associated tie bay)– 1no.	30.12.2024
Total Estimated Cost:			₹ 17.1 Crore

Northern Region

2. Augmentation of transformation capacity at 400/220kV Nalagarh S/s by 400/220kV, 1x500 MVA ICT (4th)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation Timeframe.
1.	Augmentation of transformation capacity at 400/220kV Nalagarh S/s by 400/220 kV, 1x500 MVA (4 th) ICT along with associated transformer bays* *1 no. of 400kV (AIS) (including associated tie bay) and 1 no. of 220kV (GIS) transformer bay along with GIS duct for interconnection of 220kV bay with ICT	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT–1 no. • 400 kV ICT bay (including associated tie bay)– 1 no. • 220 kV ICT bay – 1 no. (GIS) 	24 months from the issue of OM by CTUIL (refer note 1).
Total Estimated Cost:			₹ 63.08 Crore

Note: -

1. Best efforts shall be carried out to implement the transmission scheme within 18 months from the issue of OM by CTUIL

3. Augmentation of transformation capacity at 400/220kV Bikaner-II PS by 400/220kV, 1x500 MVA ICT (3rd)

Sl. No.	Scope of the Transmission Scheme	Item Description	Implementation timeframe
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1	Augmentation of transformation capacity at 400/220kV Bikaner-II PS by 400/220 kV, 1x500 MVA (3 rd) ICT along with associated transformer bays* *1 no. of 400kV (AIS) (including associated tie bay) and 1 no. of 220kV (AIS) transformer bay.	<ul style="list-style-type: none"> • 500 MVA, 400/220 kV ICT-1 no. • 400 kV ICT bay (including associated tie bay)- 1 no. • 220 kV ICT bay – 1 no. 	18 months from the issue of OM by CTUIL.
Total Estimated Cost:			₹ 55.82 Crore

Eastern Region

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

<i>Sl. No.</i>	<i>Scope of the Transmission Scheme</i>	<i>Item Description</i>	<i>Implementation timeframe</i>
1	Switching arrangement within the Rangpo (POWERGRID) GIS S/s premises such that Rangpo-Melli and Rangpo-Rangit 132kV S/c lines can be bypassed at Rangpo S/s end, such that the lines can either be terminated at Rangpo 132kV bus or bypassed, as per operational requirement.	<ul style="list-style-type: none"> • 132kV, 1250A, SF6, 3-Ph GIB – Approx. 300m length • 3 Phase, 1250A, SF6 to Air bushing – 02 Sets. • 132kV, 1250A, 31.5kA, 3-Ph, AIS Disconnecter with one E/S – 01 no. • 132kV BPI AIS – Approx. 05 nos. 	18 months from the issue of OM by CTUIL.
Total Estimated Cost:			₹ 7.23 Crore