

I/19422/2021



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन-I प्रभाग

Power System Planning &amp; Appraisal-I Division

सेवा में / To

Chief Operating Officer, CTUIL  
Saudamini, Plot No. 2,  
Sector-29, Gurgaon – 122 001.

**विषय/Subject: Implementation of ISTS Transmission Schemes (costing greater than Rs. 100 crore and upto Rs. 500 crore) approved by NCT in its 6<sup>th</sup> meeting held on 29.10.2021.**

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission Schemes (costing greater than Rs. 100 crore and upto Rs. 500 crore) in its 6<sup>th</sup> meeting held on 29.10.2021, in line with MoP office order dated 28.10.2021, to be implemented through Regulated Tariff Mechanism (RTM) route by agencies as indicated below:

S.No.	Transmission Scheme	Implementing Agency
1.	Augmentation of Transformation Capacity in Southern Region	Power Grid Corporation of India Ltd.
2.	Transmission System Strengthening for 'Srinagar – Leh Transmission System'	Power Grid Corporation of India Ltd.

Detailed scope of works for the above schemes is enclosed at **Annexure**.

These schemes are awarded to CTUIL for their implementation under RTM mode. CTUIL is requested to take necessary action for entering into a concession agreement with the respective agencies for implementation of the above mentioned schemes.

भवदीय,

*for. [Signature]*  
(रवीन्द्र गुप्ता / Ravinder Gupta)

मुख्य अभियन्ता एवं सदस्य सचिव/  
Chief Engineer & Member Secretary (NCT)



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Annexure

**1. Augmentation of Transformation Capacity in Southern Region**

Sl. No.	Scope of the Transmission Scheme	Capacity /km
1.	Augmentation by 1x500 MVA, 400/220kV Transformer (3 <sup>rd</sup> ) at Palakkad (PG) (2x315 MVA already existing)	400/220kV 500 MVA ICT:1 no 400 kV ICT bays – 1 no. 220 kV ICT bays – 1 no
2.	Augmentation by 1x500 MVA, 400/220 kV Transformer (3 <sup>rd</sup> ) at Kolar (PG) (2x500 MVA already existing)	400/220 kV 500 MVA ICT:1 no 400 kV ICT bays – 1 no. 220 kV ICT bays – 1 no
3.	Augmentation by 1x1500 MVA, 765/400 kV Transformer (3 <sup>rd</sup> ) at Nizamabad (PG) (2x1500 MVA already existing)	765/400 kV, 1x1500 MVA ICT:1 no 765 kV ICT bays – 1 no. 400 kV ICT bays – 1 no
<b>Approximate Cost (Rs.)</b>		<b>125 Cr.</b>

**Implementation timeframe:** 15 months from date of issue of MoP OM**2. Transmission System Strengthening for ‘Srinagar – Leh Transmission System’**

S. No.	Scope of the Transmission Scheme	Capacity /km
1.	Laying of cable (800 sq mm XLPE power cable) between Minamarg and Zojila Top section of Alusteng –Drass 220 kV section	Length- 15 km
2.	2x25 MVAR, 220 kV bus reactors at 220/66 kV Drass S/s	25 MVAR, 220 kV bus reactor – 2 nos. 220 kV reactor bay – 2 nos.
3.	1x25 MVAR, 220 kV bus reactors at 220/66 kV Alusteng S/s	25 MVAR, 220 kV bus reactor – 1 no. 220 kV reactor bay – 1 no.
<b>Approximate Cost (Rs.)</b>		<b>277 Cr.</b>

**Implementation Timeframe:** 36 months (3 working seasons)\**\* Efforts should be made to complete the works at the earliest.*