

सेंद्रल 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. No.: CTUIL/OM/09/052023

19<sup>th</sup> May 2023

**Director (Projects)**

Power Grid Corporation of India Ltd.,  
Saudamini, Plot No. 2, Sector-29,  
Gurgaon- 122 001

**Sub: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 13<sup>th</sup> meeting held on 12-05-2023 under Regulated Tariff Mechanism (RTM)**

NCT vide letter dated 19-05-2023 has awarded the following ISTS Transmission /Communication Scheme for its implementation under RTM mode by implementing agencies as indicated in the table below:

| Sl. No.                          | Transmission/Communication Schemes                                                                                                          | Implementing Agency |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>I. Approved ISTS Schemes:</b> |                                                                                                                                             |                     |
| 1.                               | Eastern Region Expansion Scheme-XXXVII (ERES-XXXVII)                                                                                        | POWERGRID           |
| 2.                               | Establishment of State of Art Unified Network Management System (U-NMS) for ISTS and State Utility Communication System for Southern Region | POWERGRID           |

Copy of NCT letter dated 19-05-2023 in this regard is enclosed at **Annexure-I**. The detailed scope of work along with implementation time frame for the above Transmission/Communication Schemes shall be as per the enclosed letter of NCT.

The implementing agency shall enter into a Concession Agreement with CTUIL for implementation of aforementioned Transmission/Communication Schemes. However, pending finalization of Concession Agreement, it is requested to initiate necessary actions for implementation of the aforementioned Transmission/Communication Schemes.

This is for your kind information and necessary action, please.

Yours faithfully,

  
(P C Garg)

Chief Operating Officer

**Encl: as stated.**



भारत सरकार  
**Government of India**  
 विद्युत मंत्रालय  
**Ministry of Power**  
 केन्द्रीय विद्युत प्राधिकरण  
**Central Electricity Authority**  
 विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II  
**Power System Planning & Appraisal Division-II**

सेवा में / To

Chief Operating Officer, CTUIL  
 Saudamini, Plot No. 2,  
 Sector-29, Gurgaon-122001

**विषय/Subject: Implementation of ISTS Transmission Schemes approved by NCT in its 13<sup>th</sup> meeting held on 12.05.2023- regarding**

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission Schemes in its 13<sup>th</sup> meeting held on 12.05.2023, in line with MoP office order dated 28.10.2021, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

**I. APPROVED ISTS SCHEMES:**

**1. Eastern Region Expansion Scheme-XXXVII (ERES-XXXVII)**

| Sl. Nos. | Transmission Scheme                                  | Scope                                                                                                                                                                                                                                                                                                                                         | Implementing Agency |
|----------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1.       | Eastern Region Expansion Scheme-XXXVII (ERES-XXXVII) | i) Creation of 220 kV level in GIS (in Double Main Switching Scheme including 1 no. bus coupler bay) at Lakhisarai (POWERGRID) 400/132 kV S/s along with 2 no. 220 kV line bays [for termination of Lakhisarai – Haveli Kharagpur 220 kV D/c line to be implemented by BSPTCL under intra-state]<br>ii) Installation of 400/220 kV, 2x500 MVA | POWERGRID           |

I/27881/2023

|  |  |                                                                          |  |
|--|--|--------------------------------------------------------------------------|--|
|  |  | ICTs along with associated bays at Lakhisarai (POWERGRID) 400/132 kV S/s |  |
|--|--|--------------------------------------------------------------------------|--|

Detailed scope of the scheme is given below:

| Sl. No.                      | Scope of the Transmission Scheme                                                                                                                                                                                                                                                              | Capacity/ km                                                                                         | Estimated Cost (₹ Cr.) |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------|
| 1                            | Creation of 220 kV level in GIS (in Double Main Switching Scheme including 1 no. bus coupler bay) at Lakhisarai (POWERGRID) 400/132 kV S/s along with 2 no. 220 kV line bays [for termination of Lakhisarai – Haveli Kharagpur 220 kV D/c line to be implemented by BSPTCL under intra-state] | 220 kV level in GIS<br>220 kV GIS line bays – 2 Nos.<br>220 kV GIS bus coupler bay – 1 No.           | 19.62                  |
| 2                            | Installation of 400/220 kV, 2x500 MVA ICTs along with associated bays at Lakhisarai (POWERGRID) 400/132 kV S/s                                                                                                                                                                                | 400/220 kV, 1x500 MVA ICTs – 2 Nos.<br>400 kV ICT bays – 2 Nos.<br>220 kV ICT bays (in GIS) – 2 Nos. | 100.99                 |
| <b>Total Estimated Cost:</b> |                                                                                                                                                                                                                                                                                               |                                                                                                      | <b>120.61</b>          |

Estimated Cost: Rs. 120.61 Crs.

Implementing Agency: POWERGRID.

Implementation timeframe: 24 months from date of allocation

## II. COMMUNICATION SCHEMES APPROVED BY NCT:

| Sl. Nos. | Name of Transmission Scheme                                                                                                                 | Implementation Mode | Implementation timeframe | Allocated to | Estimated Cost (Rs Crs) |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|--------------|-------------------------|
| 1.       | Establishment of State-of-Art Unified Network Management System (U-NMS) for ISTS and State Utility Communication System for Southern Region | RTM                 | 24 months                | POWER GRID   | 90                      |

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

 19.05.2023

(ईशान शरण/Ishan Sharan)

मुख्य अभियंता /Chief Engineer & Member Secretary (NCT)

Copy to:

Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi-110001