



# सेंद्रल ट्रान्समिशन युटिलिटी 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/14/19<sup>th</sup> NCT

Date: 29<sup>th</sup> May 2024

## As per distribution list

**Sub: Implementation of ISTS Transmission/Communication Schemes approved by NCT in its 19<sup>th</sup> meeting held on 29<sup>th</sup> April 2024 under Regulated Tariff Mechanism (RTM).**

NCT vide letter dated 28.05.2024 has awarded various ISTS Transmission/Communication schemes for its implementation under RTM mode by the respective implementing agencies as indicated in the table below:

Sl. No.	Transmission Schemes	Implementing Agency
<b>I. Communication schemes approved by NCT</b>		
1.	OPGW installation on existing 400 kV Kurukshetra - Malerkotla line alongwith FOTE at both ends – Part-A	NRSS-XXXI (B) Transmission Limited
2.	OPGW installation on existing 400 kV Kurukshetra - Malerkotla line alongwith FOTE at both ends – Part-B	POWERGRID
3.	OPGW installation on existing 400 kV Kota – Merta line alongwith LILO portion at Shree Cement including FOTE at all 3 locations	POWERGRID
4.	OPGW installation on one circuit of existing 765kV Fatehpur-Agra D/c (2x S/c) Line which is to be LILOed at new Ghiror S/s (ISTS) including FOTE at Fatehpur & Agra locations (2 Nos.)	POWERGRID
5.	Supply and installation of OPGW on 400kV Fatehgarh-I (Adani) - Fatehgarh-II (PG) line (6.5 kms.) upto LILO portion of Fatehgarh-II (PG).	Adani Transmission Limited
6.	Additional FOTE / Cards in view of resource disjoint and critical locations.	POWERGRID
7.	Supply and Installation of 11 nos. FOTE at Backup SLDCs in Northern Region & Backup NRLDC (Guwahati)	POWERGRID

Further, NCT approved the modification in the scope for the implementation of Jhatikara -Dwaraka 400kV (Quad) D/c line under Rajasthan REZ Ph-III, Part-D-Ph-II scheme as mentioned below:

Sl. No.	Earlier Scope	Revised Scope	Implementing Agency
1.	Jhatikara-Dwaraka 400 kV D/C Line (Quad)- length 20 km	Jhatikara-Dwaraka 400 kV D/C Line (Twin HTLS*): length 17 km [Monopole/ Narrow base/Normal towers]	POWERGRID

Sl. No.	Earlier Scope	Revised Scope	Implementing Agency
2.	2 Nos. of 400 kV line bays each at both Jhatikara and Dwarka substations; (Total 4 Nos. of 400 kV line bays)	No change	
3.	Approved cost: <b>Rs. 145 cr.</b>	Revised estimated cost: <b>Rs. 240 cr @</b>	
4.	Tentative implementation time-frame of 18 months from MOP OM-06/11/23	No change	

*\*with minimum capacity of 2100 MVA on each circuit at nominal voltage @ including forest clearance, Crop and Tree compensation*

Copy of NCT letter dated 29-05-2024, 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 Schemes. However, pending finalization of Concession Agreement, it is requested to initiate necessary actions for implementation of the aforementioned Transmission Schemes.

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

Thanking you.

Yours faithfully,

**(Partha Sarathi Das)**  
**Sr. General Manager**

**Encl.: as stated.**

**Distribution List:**

<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. The Chief Executive Officer</b> NRSS XXXI (B) Transmission Ltd. 504 &amp; 505, 5<sup>th</sup> Floor, Windsor, Off CST Road, Kalina, Santacruz East, Mumbai - 400098</p>
<p><b>3. Shri Sanjay Johari</b> Fatehgarh Bhadla Transmission Ltd. (Subsidiary of Adani Energy Solutions Limited), 5<sup>th</sup> Floor Adani Corporate House, Shantigram, S.G Highway, Ahmedabad -382421</p>	



**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/Communication Schemes approved by NCT in its 19<sup>th</sup> meeting held on 29.04.2024- regarding**

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission and Communication Schemes in its 19<sup>th</sup> meeting held on 29.04.2024, in line with MoP office order dated 28.10.2021 and MoP Guidelines dated 09<sup>th</sup> March, 2022, to be implemented through Regulated Tariff Mechanism (RTM) route by agency as indicated below:

**I. Communication schemes approved by NCT:**

Sl. No	Name of Transmission Scheme	Implementation Mode	Tentative Implementation timeframe	Implementing Agency	Estimated Cost (Rs. Crs)
1.	i. OPGW installation on existing 400 kV Kurukshetra - Malerkotla line alongwith FOTE at both ends - Part A		18 months from the date of allocation	M/s NRSS-XXXI (B) Transmission Ltd	9
	ii. OPGW installation on existing 400 kV Kurukshetra - Malerkotla line alongwith FOTE at both ends - Part B	RTM	18 months from the date of allocation (with matching time frame of OPGW on 400kV Kurukshetra -	POWERGRID	0.6

			Malerkotla transmission line)		
2.	OPGW installation on existing 400 kV Kota – Merta line along with LILO portion at Shree Cement including FOTE at all 3 locations	RTM	24 months from the date of allocation	POWERGRID	18.5
3.	OPGW installation on one circuit of existing of 765 kV Fatehpur-Agra D/c (2x S/c) Line which is to be LILOed at new Ghiror S/s (ISTS) including FOTE at Fatehpur & Agra locations (2 Nos.)	RTM	24 Months from the date of allocation	POWERGRID	16.5
4.	Supply and installation of OPGW on 400kV Fatehgarh-I (Adani) - Fatehgarh-II (PG) line (6.5 kms.) upto LILO portion of Fatehgarh-II (PG).		18 Months from the date of allocation	Adani Transmission Limited	0.325
5.	Additional FOTE / Cards in view of resource disjoint and critical locations.	RTM	12 Months from the date of allocation	POWERGRID	5.2
6.	Supply and Installation of 11 nos. FOTE at Backup SLDCs in Northern Region & Backup NRLDC (Guwahati)	RTM	12 Months	POWERGRID	3.3

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.

**II. Modifications in earlier approved schemes:**

NCT has approved modifications in the scope for the Implementation of Jhatikara – Dwarka 400 kV (Quad) D/c line under Rajasthan REZ Ph-III, Part-D- Ph-II Scheme as mentioned below:

Earlier Scope	Revised Scope
Jhatikara-Dwarka 400 kV D/C Line (Quad)- length 20 km	Jhatikara-Dwarka 400 kV D/C Line (Twin HTLS*): length 17 km [ Monopole/ Narrow base/Normal towers ]
2 Nos. of 400 kV line bays each at both Jhatikara and Dwarka sub-stations; (Total 4 Nos. of 400 kV line bays)	No change
Approved cost: <b>Rs. 145 cr.</b>	Revised estimated cost: <b>Rs. 240 cr @</b>
Tentative implementation time-frame of 18 months from MOP OM-06/11/23	No change

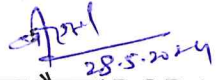
\*with minimum capacity of 2100 MVA on each circuit at nominal voltage

@ including forest clearance, Crop and Tree compensation

**CTU is requested to intimate the implementing Agency.** Detailed scope of the schemes are as per minutes of the meeting. Copy of the minutes are enclosed.

Encl.: As above.

भवदीय / Yours faithfully,

  
(बी.एस.बैरवा/ B.S.Bairwa)

**मुख्य अभियन्ता (इंचार्ज) एवं सदस्य सचिव, एन.सी.टी./**  
Chief Engineer (I/C) & Member Secretary (NCT)

Copy to:

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