

I/28786/2023



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 14th meeting held on 09.06.2023- regarding

महोदय/Sir,

The undersigned is directed to inform that NCT has approved implementation of the following ISTS Transmission Schemes in its 14th meeting held on 09.06.2023, 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. ISTS schemes costing less than Rs. 100 Crs. approved by NCT::

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Allocated to	Estimated Cost (Rs Crs)
1.	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-V (8 GW): Part A1 Brief Scope: Conversion of 330 MVAR Fixed LR at Wardha (on each ckt of Wardha – Raipur 765 kV D/c line being LILOed at Nagpur)	RTM	Matching with implementation of Khavda Phase-V Part A scheme viz. Bipole-1 (2x1500 MW) ± 800 kV	POWER GRID	21

I/28786/2023

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Allocated to	Estimated Cost (Rs Crs)
	into Bus Reactors at Wardha S/s		Nagpur (HVDC) [LCC] which is 48 months from SPV transfer.		
2.	<p>Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-2 :5.5 GW) (Jaisalmer/Barmer Complex): Part H2</p> <p><u>Brief Scope:</u></p> <p>Provision of NGR bypass arrangement and inter tripping scheme on 240 MVAR SW LR at Bhopal end of Kurawar – Bhopal 765 kV S/c line (~60 km.):</p>	RTM	In matching timeframe of H1 Scheme	BDTCL i.e. the TSP owing the Indore – Bhopal 765 kV S/c line	0.45

II. ISTS Transmission schemes, costing between Rs 100 Crore to Rs 500 Crore, approved by NCT:

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Allocated to	Estimated Cost (Rs. Crs)
1.	Augmentation of transformation capacity by 1x1500 MVA (3rd), 765/400 kV ICT at Maheshwaram (PG) substation in Telangana	RTM	21 months	POWERGRID	123.12
2.	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV	RTM	24 months	Khavda – Bhuj Transmission Ltd. (Subsidiary)	216

I/28786/2023

Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Allocated to	Estimated Cost (Rs. Crs)
	(7GW): Part E1			of Adani Transmission limited)	
3.	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part E3	RTM	24 months	KPS3 Transmission Limited (Subsidiary of POWERGRID)	216
4.	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part E4	RTM	24 months	POWERGRID	235

III.COMMUNICATION SCHEMES APPROVED BY NCT:


Sl. No.	Name of Transmission Scheme	Implementation Mode	Implementation timeframe	Implementing Agency	Estimated Cost (Rs Crs)
1.	Requirement of additional FOTE of STM-16 capacity at Bhuj PS to cater to connectivity of RE Gencos	RTM	12 months	POWER GRID	0.6
2.	Requirement of additional FOTE of STM-16 capacity at Bhuj-II substation to cater to connectivity of RE Gencos	RTM	12 months	M/s PBTL	0.3
3.	Upgradation of STM-4 communication link of Dehgam, Ranchhodpura, Santhalpur Rep, Bhachau and CGPL Mundra to STM-16 capacity	RTM	12 months	POWER GRID	1.5

I/28786/2023

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.

Detailed scope of the schemes are as per minutes of the meeting. Copy of the minutes are enclosed.

Encl.: As above.

 07.07.2023

(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