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GOVERNMENT OF ODISHA

ENERGY DEPARTMENT

RESOLUTION

The 12th July 2023

Odisha Distribution System Strengthening Project (ODSSP) was launched by the State Government in the year 2013-14 with a total outlay of Rs. 3843 crs. for construction of 473 nos. of 33/11kV Primary sub-stations (PSS) along with associated lines in order to supply 24x7 quality & reliable power supply to the consumers. The scheme has been substantially completed.

Subsequently, the Phase-IV of the scheme was launched in the year 2021-22 with a total outlay of Rs. 1796.73 crs. for construction of 99 nos. of 33/11 kV PSS & associated lines and 64 nos. of independent 33 kV lines primarily in rural areas of the State. The scheme is under implementation.

The above phases cover only the HT part of the distribution network. However, various system improvement works also need to be taken up on the LT side as well in order to address the low voltage issues in certain pockets in the rural areas of the State.

Accordingly Phase-V of the scheme has been formulated to take up further system improvement works such as up-gradation of Distribution Transformers, replacement of old/ damaged conductors, strengthening of existing 11 kV and 33 kV lines, construction of new 33kV & 11kV lines, conversion of single phase LT network to 3 phase, installation of line voltage regulator transformers along with construction of new PSSs in needy areas with a total outlay of Rs. 1284.49 crs. including the overhead cost & PMIA charges.

The works will be executed by the respective DISCOMs during FY 2023-24 & 2024-25 DISCOM wise component wise break-up is enclosed at Annexure-I. DISCOM wise financial outlay is given at Annexure-II.

The ownership of the assets created under the scheme will lie with Energy Department, Government of Odisha. However, the assets, after their completion, shall be transferred to the DISCOMs for operation & maintenance. The annual operation and maintenance cost will be provided in the Annual Revenue Requirement (ARR) of the respective DISCOMs.

The works will be executed by the respective DISCOMs and they would be provided 3% of the project cost as overhead cost. OPTCL will engage a Project Monitoring Agency (PMA) for the scheme and 2% of the project cost is earmarked for that. The report of PMA shall be placed before a Committee consisting of (a) MD. GRIDCO, (b) EIC-*cum*-PCEI, (c) Director (Operation/ Projects) OPTCL, (d) Representative of OERC as decided by the Commission, and (e) FA-*cum*-Additional Secretary, Energy Department. The Committee will ensure that Govt. guidelines are followed in procurement & quality of work is as per standard.

Since the DISCOMs have been privatized and OERC has set targets for CAPEX of the DISCOMs & also set targets for reduction in Aggregate Technical & Commercial (AT&C) losses. OERC shall be requested to take into account the investment to be made by the Government under CMPDP-ODSSP (Phase-V) and pass appropriate orders so that the consumers get benefit of the investment in terms of better performance (quality & reliability), lower Aggregate Technical & Commercial (AT&C) losses and lower tariff.

By order of the Governor

NIKUNJA B. DHAL

Additional Chief Secretary to Government

DISCOM wise component wise break-up under CMPDP-ODSSP (Ph-V)

SI No.	Network category	Proposal	UoM	TPCODL	TPWODL	TPSODL	TPNODL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	HT	New 33/11 kV Sub-station in needy areas.	Nos	2 Ichhapur (Cuttack) and Muktapasi (Parjang, Dhenkanal)	0	2 Chacha & Dumurimunda (Nabarangpur)	3 Ghusuriasahi Polo & Baramunda (Jajpur), Aradi (Bhadrak)
		Construction of new 33 kV lines.	CKM	157.5	70	225	64.2
		Up-gradation of 33 kV lines	CKM	152.39	60	261	97.10
		Construction of new 11 kV lines	CKM	104	90	201	0
		Up-gradation of 11 kV lines	CKM	33	180	289	118.12
		11kV Line Voltage Regulator Transformers (LVRT).	Nos	20	4	20	0
		Capacitor Bank (11kV)	Nos	0	4	4	0
2	LT	Up-gradation of DTRs	Nos	633	477	655	1024
		Conversion of single phase LT network to 3 phase network	CKM	148.5	679	206.9	283
		Replacement of damaged/undersize/ worn-out LT conductors in low voltage pockets.		540	1370	792.8	612.31
3	Innovative	Battery Energy Storage System (BESS)	Nos	0	2	0	0

Annexure-II

(Amount in Crs.)

DISCOM wise Financial Outlay under CMPDP-ODSSP (Ph-V)

SI No.	Network category	Proposal	TPCODL	TPWODL	TPSODL	TPNODL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	HT	New 33/11 kV Sub-station in needy areas	22.83	NIL	35.39	45.05
		Construction of new 33 kV lines	108.25	20.04	60.8	20.89
		Up-gradation of 33 kV lines	41.96	11.48	33.41	31.59
		Construction of new 11 kV lines	25.15	16.15	42.77	0
		Up-gradation of of 11 kV lines	5.13	18.45	27.61	38.43
		11 kV line Voltage Regulator Transformers (LVRT)	10.03	1.7	7.9	NIL
		Capacitor Bank (11 kV)	NIL	0.9	0.92	NIL
2	LT	Up-gradation of DTRs	45.5	30.54	32.53	41.44
		Conversion of single phase LT network to 3 phase network	11.2	57.58	11.34	60.16
		Replacement of damaged/undersize/ worn-out LT conductors in low voltage pockets	48.3	122.22	73.8	64.23
3	Innovative	Battery Energy Storage System (BESS)	NIL	24	NIL	NIL