



(A Govt. of Maharashtra Undertaking)

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BANDRA (E), MUMBAI -400 051

CE(Dist)/M-I/General/DDF Centages FY 2022-23/

No 3905

Date:-

13 FEB 2023

CIRCULAR

Sub:- Loading of centages in estimates for DDF, DPDC Scheme works FY 2022-23.

- Ref.:-**
- 1) Circular No. CE(Proj.)/Cost data 2022-23/29696 dated 18.11.2022.
 - 2) Circular No. CE(Dist)/D-III/MERC/SOC/39938 dated 03.11.2007.
 - 3) Circular No. CE(Dist)/D-IV/Centages DDF Works/24007 dated 29.07.2016.
 - 4) Circular No. CE(Dist)/D-III/07500 dated 15.03.2019.
 - 5) Email from Superintending Engineer, Nashik (U) Circle dated 23.11.2022.
 - 6) Letter No. CE/KOPZ/Tech/DyEE/2532 dated 01.12.2022.
 - 7) Email from Chief Engineer, Akola Zone dated 25.11.2022.
 - 8) Email from Chief Engineer, Pune Zone dated 15.12.2022.
 - 9) Email from Chief Engineer, Nanded Zone dated 12.12.2022.
 - 10) Letter No. CE/AMTZ/Tech/2913 dated 16.12.2022.
 - 11) Office Note No. CE(Dist)/M-I/General/DDF Scheme centages FY 2022-23 dated 28.12.2022. (F-12665/2022)
 - 12) Prepage Note No. CE(Dist)/M-I/General/DDF Scheme centages FY 2022-23 dated 09.01.2023. (F-12665/2022)

With reference to the above subject, Cost Data for FY 2022-23 has been circulated recently to all field offices vide circular at ref.(1) with revised centages for full turnkey contracts. In the Cost Data FY 2022-23 changes have been done in centages loaded in the estimates for H.O. Supervision Charges which are revised from 1.3% to 15%, Insurance, Labour & Finance cost charges are discarded and BG charges, Insurance & Labour Cess charges are included. No specific DDF/DPDC centages or guidelines have been given along with the cost data FY 2022-23 for loading of centages for DDF/DPDC Scheme works. The field offices have vide letters and emails at ref.(5) to (10) requested clarification in loading of centages for DDF/DPDC Scheme works.

Accordingly, this office has processed proposal for approval to loading of centages in estimates for DDF/DPDC Scheme works FY 2022-23 vide office note & prepage note at ref.(11)&(12). The competent authority has accorded approval for loading of following centages in estimates for DDF/DPDC Scheme works FY 2022-23 vide prepage note at ref.(12).

1. 100% DDF/DPDC Scheme (Full Turnkey):- [To be Executed by MSEDCL]

Sr No.	Particulars	To be calculated on	Inside Substation activity		Outside Substation activity	
			%	Rs	%	Rs
A	Cost of Material* (To be taken as per Cost Data 22-23)		100%	100,000	100%	100,000
	Add					
B	Erection Charges (Labour)	on A	5%	5,000	15%	15,000
C	Contractor Supervision Charges	on A	5%	5,000	5%	5,000
D	Sub Total-I		110%	110,000	120%	120,000
	Add					
E	Contractors Profit	on D	5%	5,500	5%	6,000
F	Sub Total-II		115.50%	115,500	126%	126,000
	Add					
G	Transportation	on A	4%	4,000	4%	4,000
H	Contingencies	on A	2%	2,000	2%	2,000
I	Tools & Plants	on A	1%	1,000	1%	1,000
J	Sub Total-III		122.50%	122,500	133%	133,000
	Add					
K	BG Charges on 10% of the LOA amount	J	0.20%	245	0.20%	266
L	Sub Total-IV		122.75%	122,745	133.266%	133,266
	Add					
M	Labour Cess	on L	1%	1,227.45	1%	1,332.66
N	Insurance	on L	1%	1,227.45	1%	1,332.66
O	Sub Total-V		125.20%	125,199.9	135.93%	135,931
	Tender Centages		25.20%		35.93%	
	Add					
P	Price Variation on Material	on A	0%	0	0%	0
Q	Sub Total-VI		125.20%	125,199.9	135.93%	135,931
	Add					
R	GST	on Q	18%	22,536.98	18%	24,467.64
S	Sub Total-VII (Tender Cost with GST)		147.74%	147,735.88	160.399%	160,398.96
	Add					
T	IDC	on S	0.00%	0	0.00%	0
U	HO Supervision Charges (Emp., Admn. & Genl. charges)	on S	15%	22,160.38	15%	24,059.84
V	Total (DPR Cost)		169.896%	169,896.26	184.46%	184,458.8
	DPR Centages		69.896%		84.46%	
W	Civil Works (Tender Cost)* (To be taken as per Cost Data 22-23)		100%	10,000	100%	10,000
X	Add: GST	on W	18%	1,800	18%	1,800
Y	Civil Works (including GST)		118%	11,800	118%	11,800
Z	Add: HO Supervision Charges (Emp., Admn. & Genl. charges)	on Y	15%	1,770	135.70%	1,770
AA	Civil Works (DPR Cost)		135.70%	13,570	135.70%	13,570
	DPR Centages for Civil		35.70%		35.70%	
AB	Grand Total DPR Cost	V + AA		183,466.26		198,028.80

*The figures mentioned in the Rs. Column (Sr. No. A & W) are illustrative and figures from Cost Data 22-23 may please be considered for preparing estimates.

2. 100% DDF/DPDC Scheme (Partial Turnkey):- [To be Executed by MSEDCL]

Sr No.	Particulars	To be calculate d on	Inside Substation activity		Outside Substation activity	
			%	Rs	%	Rs
A	Cost of Material* (To be taken as per Cost Data 22-23)		100%	100,000	100%	100,000
	Add					
B	Erection Charges (Labour)	on A	5%	5,000	15%	15,000
C	Contractor Supervision Charges	on A	5%	5,000	5%	5,000
D	Sub Total-I		110%	110,000	120%	120,000
	Add					
E	Contractors Profit	on D	5%	5,500	5%	6,000
F	Sub Total-II		115.50%	115,500	126%	126,000
	Add					
G	Transportation	on A	1%	1,000	1%	1,000
H	Contingencies	on A	2%	2,000	2%	2,000
I	Tools & Plants	on A	1%	1,000	1%	1,000
J	Sub Total-III		119.50%	119,500	130%	130,000
	Add					
K	BG Charges on 10% of the LOA amount	on J	0.20%	239	0.20%	260
L	Sub Total-IV		119.73%	119,739	130.26%	130,260
	Add					
M	Labour Cess	on L	1%	1,197.39	1%	1,302.6
N	Insurance	on L	1%	1,197.39	1%	1,302.6
O	Sub Total-V		122.13%	122,133.78	132.87%	132,865
	Tender Centages		22.13%		32.87%	
	Add					
P	Price Variation on Material	on A	0%	0	0%	0
Q	Sub Total-VI		122.13%	122,133.78	132.87%	132,865
	Add					
R	GST	on Q	18%	21,984.08	18%	23,915.74
S	Sub Total-VII (Tender Cost with GST)		144.11%	144,117.86	156.78%	156,780.94
	Add					
T	IDC	on S	0.00%	0	0.00%	0
U	HO Supervision Charges (Emp., Admn. & Genl. charges)	on S	15%	21,617.69	15%	23,517.14
V	Total (DPR Cost)		165.736%	165,735.54	180.298%	180,298.08
	DPR Centages		65.73%		80.30%	
W	Civil Works (Tender Cost)* (To be taken as per Cost Data 22-23)		100%	10,000	100%	10,000
X	Add: GST	on W	18%	1,800	18%	1,800
Y	Civil Works (including GST)		118%	11,800	118%	11,800
Z	Add: HO Supervision Charges (Emp., Admn. & Genl. charges)	on Y	15%	1,770	135.70%	1,770

Sr No.	Particulars	To be calculated on	Inside Substation activity		Outside Substation activity	
			%	Rs	%	Rs
AA	Civil Works (DPR Cost)		135.70%	13,570	135.70%	13,570
DPR Centages for Civil			35.70%		35.70%	
AB	Grand Total DPR Cost	V + AA		179,305.54		193,868.08

*The figures mentioned in the Rs. Column (Sr. No. A & W) are illustrative and figures from Cost Data 22-23 may please be considered for preparing estimates.

3. 1.3% DDF Scheme:- [To be Executed by Applicant through LEC]

Sr. No.	Particulars	Inside Substation		Outside Substation	
		%	Rs	%	Rs
A	Cost of Material* (To be taken as per Cost Data 22-23)	-	100,000	-	100,000
B	Erection Charges (Labour)	5.00%	5,000	15.00%	15,000
C	Civil Works (Tender Cost)* (To be taken as per Cost Data 22-23)	-	10,000	-	10,000
D	Total Estimate Cost (without GST)	-	115,000	-	125,000
E	GST	18%	20,700	18%	22,500
F	Sub Total-I	-	135,700	-	147,500
G	1.3% Supervision Charges	1.30%	1,764.10	1.30%	1,917.50
H	GST	18%	317.54	18%	345.15
I	Total Supervision Charges (Including GST)	-	2,081.64	-	2,262.65

*The figures mentioned in the Rs. Column (Sr. No. A & C) are illustrative and figures from Cost Data 22-23 may please be considered for preparing estimates.

The above revised centages FY 2022-23 shall also apply while framing estimates for work of shifting of existing distribution electrical infrastructure due to road widening, construction of bridges, etc by National Highway Authority of India (NHAI), Public Works Department (PWD), MSRDC, Railways, Local Bodies, etc are also executed under DDF as per guidelines in circular at ref.(4).

The above circular shall come into force with immediate effect.

The copy of this office is uploaded on MSEDCL website www.mahadiscom.in under Distribution Section Circulars. No hard copy shall be circulated to any office.


Chief Engineer (Distribution)

Copy s.w.rs. to:-

1. The Director (Operations)(Finance)(Projects), MSEDCL, Corporate Office, Mumbai.
2. The Joint Managing Director, MSEDCL, Region, Konkan/Aurangabad.
3. The Executive Director (O&M)(Finance), MSEDCL, Corporate Office, Mumbai.
4. The Regional Directors, MSEDCL, Region, Pune/Nagpur.

Copy f.w.cs.to:-

1. The Chief General Manager(I.A.)(CF)(CA) (IT), MSEDCL, Corporate Office, Mumbai.
2. The Chief Engineer (Projects)(Sp. Projects)(Ag. Policy)(HVDS)(MM)(B&R)(Commercial)(RE) (Civil), MSEDCL, Corporate Office, Mumbai.
3. The Chief General Manager(T&S), MSEDCL, Nashik.
4. The Chief Engineer, MSEDCL, All O&M Zones.

Copy to:- To Superintending Engineer, MSEDCL, All, O&M Circles.