

No. CE (Proj.) / Cost data 2022-23/29696

Date : 18.11.2022

Circular

Sub: Cost data for FY 2022-23

The cost data 2019-20 was approved vide B.R. 1784 dtd. 01.06.2019. The same is being used presently. Committee for revision in Cost Data was formed as per approval of the Competent Authority.

The Cost Data Committee after considering all factors submitted its recommendation for Cost Data 2022-23. The Cost Data with revised material rates and centages was put up for approval of Board of Directors. The Board of Directors has accorded approval for Cost Data 2022-23 vide B.R. 2593 dtd. 03.11.2022.

1. Revision in Material rates:

The material rates have been revised considering the rates from different sources such as MM Department orders, other utilities, rates from manufacturers, invoices of vendors in ongoing Schemes, Civil item rates updated by Civil Department, IEEMA index etc. as detailed below:

Sr. No.	Material description	Approved Rates
1	Power Transformer	(+) 35%
2	Distribution Transformer	Limited up to (+) 25% for capacity below 200 KVA and Limited up to (+) 30% for capacity above 200 KVA
3	H.T. Cable & L.T. Cable	In line with updated rates of MM Department subject to limit of (+) 35%.
4	Conductor	In line with updated rates of MM Department. For AAAC 232 sq.mm conductor rise by (+) 25%.
5	R.S.J. and Steel Items	(+) 35%
6	Isolators / AB Switch / HG Fuse	(+) 20%
7	Insulators	Rate corrections done and rise limited up to (+) 15%
8	Lightning Arrestor / MCCB / Kitkat	Rise limited up to (+) 15%
9	Breakers & Switchgears	In line with rates provided by Manufacturers with limit up to (+) 20%.
10	C&R Panel / Capacitor / Reactor	In line with the rates as per invoices of ongoing schemes with limit up to (+) 20%.

Sr. No.	Material description	Approved Rates
11	Jointing Kits	No Change
12	Feeder Pillar	Rise limited up to (+) 20%
13	Distribution Box	MS Distribution boxes - In line with contractor rates with limit upto 20%. SMC Boxes purchased by MM Dept.- No. Change Balance Items - In line with vendor rates limited up to (+) 5%
14	General Sundry & Sub-station Items	(+) 15%
15	PSC Pole	(+) 20%
16	Sub-station Civil Activity	As proposed by Civil department subject to limit of (+) 30%.

2. Revision in Centages (Overheads):

A sub committee was formed for analysis of Centages in cost data. Changes is proposed in some centages and the committee has recommended the same. The proposed changes are as below:

Sr. No.	Particular	Approved Rates	Remarks
1	Insurance, Labour & Finance Cost	Discarded	-
2	Insurance	@ 1% of the contract value	Insurance @ 1% of the contract value excluding labour cess and insurance.
3	Bank Guarantee Charges	@ 2% on the Security Deposit	Bank Guarantee cost to be charged separately @ 2% on the Security Deposit (Presently Considered 10% of Contract Value) as per tender condition of the Project Cost (Excluding GST). This will vary as per percentage of Security Deposit.
4	Contingencies	@ 2%	Contingencies revised from 2.5% to @2%.
5	Contractor's Profit	@ 5%	The Contractor Profit @5% is considered on summation of cost of Material and Labour & Supervision Charges, since other charges are re-imburement in nature.
6	Labour Cess	1%	1% Labour Cess to be recovered from the Vendor Invoice, if Vendor is not registered with the Labour Commissioner and has not produced the labour cess payment document.
7	HO Supervision Charges & Interest During Construction (IDC)	HO Supervision charges : 15% Interest during Construction (IDC) : 8.70%	The HO Supervision charges & Interest during Construction (IDC) to be revised to 15% and 8.70% respectively.

Considering above proposed changes the effect on Tender & DPR centages (Overheads) is as under :

Centages	Tender overheads over material cost		DPR overheads over material cost	
	2019-20	Proposed 2022-23	2019-20	Proposed 2022-23
Indoor Centages	26.53%	25.20%	61.06%	90.05%
Outdoor Centages	37.03%	35.93%	74.02%	105.71%

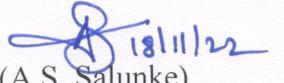
Details of centages are enclosed herewith as Annexure-I.

3. Service rates to Empanelled Agencies:

MSEDCL issues work orders to agencies for carrying out repair & maintenance work. The work order amount is limited upto Rs. 2 lakhs. The schedule rates are finalized at H.O. Considering the rise in material rates and proposed changes in centages the service rates of empanelled agencies is increased by 22%.

The Cost Data 2022-23 is to be implemented with immediate effect. In case any discrepancies, please inform the undersigned.

Encl: As above


(A.S. Salunke)
Chief Engineer (Projects)

Copy swrs to:

The Director (Projects / Operations / Commercial / Finance / H.R.)
The Joint Managing Director Konkan / Aurangabad Region
The Executive Director (Distribution / Infra / Projects / Commercial / B&R / Finance / H.R.)
The Regional Director Pune / Nagpur Region

Copy fwcs to:

The Chief Engineers (O&M) – All Zones.
All Chief Engineer, H.O. Prakashgad.
All Chief General Manager, H.O. Prakashgad.
The OSD to Hon. CMD, MSEDCL

Copy to:

All Superintending Engineer (O & M)
The Superintending Engineer (TRC/DF)

Annexure-I

Revised Centages for full turnkey contracts :

Sr. No.	Particulars	To be calculated on	Sub-stn & allied activity		HT/LT/DTC & allied activity	
			%	Rs.	%	Rs.
A	Cost of Material		100%	1,00,000.00	100%	1,00,000.00
	Add:					
B	Erection (Labour) - (Ref. Wkg)	on A	5.00%	5,000.00	15.00%	15,000.00
C	Supervision Charges - (Ref. Wkg)	on A	5.00%	5,000.00	5.00%	5,000.00
D	Sub Total - I		110.00%	1,10,000.00	120.00%	1,20,000.00
	Add:					
E	Contractor's Profit	on D	5%	5,500.00	5%	6,000.00
F	Sub Total - II		115.50%	1,15,500.00	126.00%	1,26,000.00
	Add:					
G	Transportation - (Ref. Wkg)	on A	4.00%	4,000.00	4.00%	4,000.00
H	Contingencies	on A	2.00%	2,000.00	2.00%	2,000.00
I	Tools & Plants	on A	1.00%	1,000.00	1.00%	1,000.00
J	Sub Total - III		122.50%	1,22,500.00	133.00%	1,33,000.00
	Add:					
K	BG Charges on 10% of the LOA amount (on Material+centages)	on J	0.20%	245.00	0.20%	266.00
L	Sub Total - IV		122.75%	1,22,745.00	133.27%	1,33,266.00
	Add:					
M	Labour Cess (on Total Works Cost instead of only Material Cost)	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%	1,25,199.90	135.93%	1,35,931.32
Tender Centages			25.20%		35.93%	
P	Sub Total - VI (Tender Cost Excl GST)		125.20%	1,25,199.90	135.93%	1,35,931.32
	Add:					
Q	Price Variation (on Material)	on A	5%	5,000.00	5%	5,000.00
R	Sub Total - VII		130.20%	1,30,199.90	140.93%	1,40,931.32
	Add:					
S	GST (on Sub Total III)	on R	18%	23,435.98	18%	25,367.64
T	Sub Total - VIII (Tender Cost Incl GST)		153.64%	1,53,635.88	166.30%	1,66,298.96
	Add:					
U	IDC (Only in case of Loan)	on T	8.70%	13,366.32	8.70%	14,468.01
V	HO Supervision Charges	on T	15%	23,045.38	15%	24,944.84
W	Grand Total (DPR Cost)		190.05%	1,90,047.59	205.71%	2,05,711.81
DPR Centages			90.05%		105.71%	