



MEGHALAYA POWER DISTRIBUTION CORPORATION LIMITED
OFFICE OF THE ASSISTANT EXECUTIVE ENGINEER (GDSD)

MePDCL : GAROBADHA.

No.MePDCL/GDSD/TD-05/2024-25/

86

Dated Garobadha the 30th Aug'2024

To,

The M/S Summit Digital Infrastructure Pvt. Ltd.
Guwahati, Assam.

Subject: - Bill for construction of 11 KV line and 11/0.4 KV New 25 KVA S/S for providing power supply to M/S Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.

Sir,

With reference to the subject cited above, I am to enclose herewith provisional approved estimate alongwith bill for construction of 11 KV line and 11/0.4 KV New 25 KVA S/S for providing power supply to Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre under Garobadha Distribution Sub-Division amounting to Rs. 3,39,473.00 (Rupees three lakh thirty nine thousand four hundred and seventy three) only for the works shown below:

Sl. No.	Name of Work	Estimated Amount	Remarks
A	Supervisor Charge (2431055.77 x 7.5 %)	182329.18	
B	GST @18% of Supervisor Charge	32819.25	
C	Load Security @Rs. 4945/kW x 16 KW (CLT)	79420.00	
D	Service Connection	44668.70	
E	Application Fee (Rs. 200 + GST)	236.00	
Total Amount (A+B+C+D) Rs.		339473.13	

Say Rs. 339473.00

(Rupees Three lakh thirty nine thousand four hundred and seventy three) Only.

This is for favor of your kind information and necessary action.

TERMS AND CONDITION

1. Validity period of the Bill is 6 (six) months only.
2. No payment will be received after the expiry period.
3. The amount shall be paid by NEFT / RTGS, to the Headquarter Account, as detailed below:-
 - a. Name of Bank - State Bank of India.
 - b. Name of Branch - Shillong Branch.
 - b. Branch Code - 0181
 - c. IFSC Code - SBIN 0000181.
 - d. Name of Account - MePDCL DEPOSIT WORKS ACCOUNT.
 - e. Account No. - 38523607373.
 - f. GSTIN No. - 17AAICM1935F1ZJ

After the payment has been made, the party shall submit the (i) Transaction Reference Number. (ii) Amount credited, and (iii) Date of Transaction, to the office of the undersigned or EE, SWDD for further necessary action.

4. The Bill is provisional subject to modification to price escalation or any other change of work.
5. The right of way for drawing the new line is to be arranged by the party.
6. The work shall be taken up after the payment is made against the work.

Enclosed: Bill.

Yours faithfully,


(J. K. Marak)

Assistant Executive Engineer
Garobadha Distribution Sub-Division
MePDCL, Garobadha
Dated Garobadha the 30th Aug'2024

Memo No.MePDCL/GDSD/TD-05/2024-25/

Copy to:

1. The Executive Engineer, South-West Distribution Division, MePDCL, Tura for favor of kind information.
2. The Senior Accounts Officer (Cash & Bank), MeECL, Shillong for kind information.


Assistant Executive Engineer(GDSD)

ORIGINAL

I. No. 13

Bill No. DW/13

Date 30/08/24

MEGHALAYA ENERGY CORPORATION LIMITED

STATION Chinni Senggre

Cost of Service Connection

For the premises PLB to M/L Summir Distal

Owned Infrastructure Pvt. Ltd. of Dr.

Occupied by Chinni Senggre

	PARTICULARS	Rupees	P.
1.	Supervision charge (2431055.77 X 7.5%)	182329.18	
2.	GST @ 18% of Supervision charge	32819.25	
3.	Load Sensitivity @ Rs 4945/kW X 16kW (WT)	79420.00	
4.	Service Connection	44668.70	
5.	Appreciation fee	236.00	
	Total Rs	339473.13	
	Say Rs	339473.00	

(Rupees Three lakh thirty nine thousand
four hundred and seventy three only)

E. & O. E

Engineer I/c

Station

Assit. Executive Engineer
For Me. En. Sub-Division
Garobudha.

N. B. ; This Bill must be presented at our office when payment is made.

Abstract of Estimate

Name of the village : Chimisenggre

Name of the Scheme: Deposit Work

Name of the work: Const. of 11kv line 1.08 CKm and 25KVA pole mounted Sub-station for power supply to Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.

1) Application fee	Rs. =	236.00 ✓
2) Cost of 11KV line 0.9 CKm.	Rs. =	1225739.00 1217442.00 946199.00 ✓
3) Cost of LT line 0.7 CKm.	Rs. =	845344.60
4) Cost of 11/0.4KV 25 KVA S/S: 1no.	Rs. =	259294.00 ✓
5) Cost of DT Metering	Rs. =	37391.00 ✓
6) Cost of Service Connection	Rs. =	113957.00 ✓
7) Cost of Sub-station Brickwall fencing	Rs. =	209981.00 ✓
8) Cost of Substation Rain Shade	Rs. =	28676.00 ✓
9) Security deposit for GP@4945.00/KW X 16KW	Rs. =	79,120.00 ✓
Total	Rs. =	2900588.00 28,81,641.00
Say	Rs. =	28,81,641.00 28,81,641.00

(Rupees twenty ^{nine} ~~eight~~ lakh ^{ten} ~~ninety~~ one thousand six hundred and forty ^{eight} ~~four~~ only.

Assistant Executive Engineer
Garobadha Distribution Sub-Division
Me.PDCL, Garobadha.

Checked by

APPROVED

Field Engineer
South West Garo Hills
Distribution Division
MePDCL

Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

LOAD DECLARATION

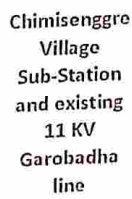
1	Name of Work	:- Providing Power supply to Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.
2	Demand Load in KVA	:- 25 KVA 1 no (16.0 KW)
3	Name of the 33/11KV Substation with capacity which is the source of supply	:- 5MVAx2 and 2.5MVA x 1 , 33/11KV Sub Station: Gonglanggre
4	Peak Load of the 33/11 KV Sub-Station	:- 3.5 MW
5	Present load clearance available (after included the above demand)	:- 3.5 MW
6	Remarks	:- Mentioned Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre 25KVA sub station supply will be from Damalgre 11kv feeder.


Assistant Executive Engineer
Garobadha Distribution Sub Division
MePDCL:: Garobadha.

Countersigned

Executive Engineer
SWC (T) Division
MePDCL :: Tura

Site ID: I-NE-DMGE-ENB-9003




 Junior Engineer

Assistant Executive Engineer
Distribution Sub-Division
MePDCL Garobada

Provisional Estimate

Name of the village: Chimisenggre

Name of the Scheme: Deposit work

Name of the work: Construction of 11KV line 1.08 km. Av. span= 60 mt. for P/S to Summit Digital Infrastructure

Pvt. Ltd. at Chimisenggre.

As per approved rate: ACE(MM)/Approved Rate/2017-18/37

DL 17.05.2018

Sl.No	Items	Unit	Qty	Purchase Rate exclusive of GST	Rate Including Storage & Handling Charge @ 7.5%	Amount (Rs)	Remarks
A	B	C	D	E	F	(DxF)	
1	Galvanized Pole 12.0 Mtr. ND	Nos.	2	30410.00	32690.75	65381.5	
2	Galvanized Pole 9.5 Mtr.	Nos.	19	24000.00	25800.00	490200	
3	M.S. Channel 75x40x4.8x2800 mm	Nos.	2	2794.44	3004.02	6008.046	
4	M.S. Channel 75x40x4.8x2280 mm	Nos.	4	304.00	326.80	1307.2	15734.32
5	M.S. Channel 75x40x4.8x1200 mm	Nos.	19	1220.90	1312.47	24936.8825	
6	M.S. Channel 75x40x4.8x250 mm	Nos.	19	283.24	304.48	5785.177	
7	11KV Pin Insulator	Nos.	60	150.50	161.79	9707.25	
8	11 KV G.I. Pin	Nos.	60	118.00	126.85	7611	
9	Disc Insulator 45KN, ABI make	Nos.	12	621.50	668.11	8017.35	
10	Hardware fittings for Weasel cond.	Nos.	12	305.10	327.98	3935.79	
11	ACSR Weasel conductor	Km.	3.20	34271.67	36842.05	117894.545	
12	UPG clamp bolted type (Weasel)	Nos.	12	47.50	51.06	612.75	
13	H.T. Stay set complete	Set	5	1357.00	1458.78	7293.875	
14	Guy Insulator, 88 KN	Nos.	5	51.24	55.08	275.415	
15	G.I Stay Wire, 7/12 SWG	Kg.	50	115.92	124.61	6230.7	
16	GI wire 8SWG	Kg.	10	107.50	115.56	1155.625	
17	GI earthing pipe 40mm dia.	Nos.	2	469.00	504.18	1008.35	
18	11KV lightning spike	Nos.	2	394.02	423.57	847.143	
19	Pole clamp 9.5 Mtr. (T)	Nos.	36	133.24	143.23	5156.388	
20	Pole clamp 9.5 Mtr. (M)	Nos.	6	138.60	149.00	893.97	
21	Pole clamp 9.5 Mtr. (B)	Nos.	2	163.56	175.83	351.654	
22	Jam clamp 9.5 Mtr. (T)	Nos.	2	300.96	323.53	647.064	
23	Stay Clamp	Pair	5	308.55	331.69	1658.45625	
24	GI through bolt 5/8"x10"	Nos.	14	53.10	57.08	799.155	
25	M.S. nuts & bolts 5/8"x4"	Kgs.	17	109.25	117.44	1996.48	
26	Danger plate, 11KV	Nos.	21	85.80	92.24	1936.935	
27	Cement for grouting pole base and Stay	Bags.	40	419.00	450.43	18017	market rate
28	Al. Paint	Ltrs.	6	439.42	472.38	2834.28	
29	Red oxide paint	Ltrs.	6	205.86	221.30	1327.80	
30	Sundries	L.S.				3000.00	

1. Total cost of materials (A)
2. Labour charge 20% of (A)
3. Sub Total (A+B)
4. Depl. Charge 15% of (C)
5. Taxable Value (C+D)
6. GST @ 18% of (E)
7. Sub-Total (E+F)
8. Labour cess @ 1% on (G)
9. Grand Total (G+H)

Rs. 740046.32 745278.44
 Rs. 148009.26 149054.68
 Rs. 888055.58 894328.12
 Rs. 133203.34 134199.21
 Rs. 1021263.92 1028477.31
 Rs. 183827.51 185125.92
 Rs. 1205091.43 1213603.15
 Rs. 12050.91 12136.03
 Rs. 1217142.34 1225739.1
 Rs. 1217142.00 1225739.1

checked by

Field Engineer
 South West Garo Hills
 Distribution Division
 MePDCL

Prepared By:

Biny Das
 Junior Engineer
 Garobadha Distribution Sub-Division
 Me.P.D.C.L., Garobadha

(Rupees twelve lakh ~~seventeen~~ thousand one hundred and ~~forty two~~ only.)

APPROVED

Executive Engineer
 South West Garo Hills
 Distribution Division
 MePDCL

Assistant Executive Engineer
 Garobadha Distribution Sub-Division
 Me.P.D.C.L., Garobadha

sional Estimate

ie of the village: Chimisenggre

ne of the Scheme: Deposit work

me of the work: Construction of LT line 3ph. 5wire 0.7 km (av. span 40mtr.)

per approved rate:ACE(MM)/Approved Rate/2017-18/37

Dt. 17.05.2018

Sl.No	Items	Unit	Qty	Purchase Rate exclusive of GST	Rate including Storage & Handling Charge @ 7.5%	Amount (Rs)	Remarks
1	Galvanized Tubular Pole 8.0 Mtr.	Nos.	18	15280.00	16426.00	295668.00	
2	Angle cross arm 45x45x6x610mm	Nos.	38	319.46	343.42	13049.94	
3	Shackle Insulator 16KN with fittings	Nos.	76	156.80	168.56	12810.56	
4	ACSR Weasel conductor	Km.	5.30	34271.67	36842.05	195262.84	
5	L.T. Stay set complete	Set	12	1121.00	1205.08	14460.90	
6	G.I Stay Wire, 7/14 SWG	Kg.	72	118.44	127.32	9167.26	
7	Guy Insulator, 44KN	Nos.	12	21.00	22.58	270.90	
8	Steel Pole clamp 8.0 Mtr. (T)	Nos.	38	128.00	137.60	5228.80	
9	MS Stay clamp 8.0 Mtr. (T)	Pair	12	281.20	302.29	3627.48	
10	M.S. nuts & bolts 5/8"X4"	Kgs.	17	109.25	117.44	1996.54	
11	Al. paint	Ltr.	3	439.42	472.38	1417.13	
12	Red oxide	Ltr.	3	205.86	221.30	663.90	
13	Danger plate	Nos.	18	61.00	65.58	1180.44	
14	Cement for grouting of Pole & stay	Bag	40	419.00	450.00	18000.00	
15	Sundries	L.S.				2500.00	

Checked by

[Signature]

Field Engineer
South West Garo Hills
Distribution Division
MePDCL

1. Total cost of materials (A)
2. Labour charge 20% of (A)
3. Sub Total (A+B)
4. Deptl. Charge 15% of (C)
5. Taxable Value (C+D)
6. GST @ 18% of (E)
7. Sub-Total (E+F)
8. Labour cess @ 1% on (G)
9. Grand Total (G+H)

Rs. 575091.75
Rs. 115018.35
Rs. 690110.10
Rs. 103516.51
Rs. 793626.61
Rs. 142852.79
Rs. 936479.40
Rs. 9364.79
Rs. 945844.20
Say, Rs. 945844.00

(Rupees nine lakh forty five thousand ^{six} ^{one} ^{ninety} eight hundred and forty four) only.

Prepared by:

[Signature]
Junior Engineer
Garobadha (D) Sub-Division
Me. PDCL, Garobadha

APPROVED

[Signature]
Engineer
South West Garo Hills
Distribution Division
MePDCL

[Signature]
Assistant Executive Engineer
Garobadha Distribution Sub-Division
Me. PDCL, Garobadha.

Divisional Estimate

Name of the Village: Chimisenggre

Name of the Scheme: Deposit work

Name of the work: Installation of 11/0.4kv, 25KVA pole mounted Sub-station for Power supply to

Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.

Dt. 17.05.2018

As per approved rate: ACE(MM)/Approved Rate/2017-18/37

Sl. No	Items	Unit	Qty	Purchase Rate exclusive of GST	Rate including Storage & Handling Charge @ 7.5%	Amount (Rs)	Remarks
A	B	C	D	E	F	(DxF)	
1	Transformer 11/0.433 KV, 25 KVA	No.	1	64532.25	69372.17	69372.17	
2	11KV lightning arrester	Each	3	750.00	806.25	2418.75	
3	11KV DO Fuse Unit Channel base type, HTL/Ruma make 200Amp	Set	1	6235.00	6702.63	6702.63	
4	MS Channel 100 x 50 x 6 x 2800 mm	Each	2	3758.39	4040.27	8080.54	
5	MS Channel 75 x 40 x 4.8 x 2800 mm	Each	5	2794.44	3004.02	15020.12	
6	Pole Clamp 9.5 Mtr. (M)	Each	6	138.60	149.00	893.97	
7	Jam clamp 9.5 Mtr (B)	Set	2	163.56	175.83	351.65	
8	MS angle 50x50x6x2800mm	Each	2	1568.13	1685.74	3371.48	
9	MS angle 50x50x6x610mm for Tr. Base	Each	2	380.00	408.50	817.00	
10	11KV Pin Insulator	Each	3	150.50	161.79	485.36	
11	11KV G.I Pin	Each	3	118.00	126.85	380.55	
12	Earthing Electrode 60mmx2m with 1 bag BFC	Each	3	6654.00	7153.05	21459.15	
13	ACSR Weasel conductor for Earthing & D.O. Looping etc.	Km.	0.10	34271.64	36842.01	3684.20	
14	LT XLPE cable 1-core 95sq.mm (Havells)	Mtrs.	32	549.00	590.18	18885.60	Companies P/L
15	Cut out 100 A (Havells) with extension strips	Nos.	3	970.00	1042.75	3128.25	- Do -
16	G.I Through Nut & Bolts (5/8" x 10")	Nos.	7	53.10	57.08	399.58	
17	Nut & Bolts 5/8" x 4"	Kg	6	109.25	117.44	704.66	
18	Sundries (Al.Lugs, Binding tape & wire etc.)	LS				1500.00	

1.	Total cost of materials 'A'	Rs	157655.65
2.	Labour charge 20% of 'A'	Rs	31531.13
3.	Sub Total (A+B)	Rs	189186.79
4.	Deptl. Charge 15% of 'C'	Rs	28378.02
5.	Taxable Value (C+D)	Rs	217564.80
6.	GST @ 18% of 'E'	Rs	39161.66
7.	Sub-Total Total (E+F)	Rs	256726.47
8.	Labour cess @ 1% of 'G'	Rs	2567.26
9.	Grand Total (G+H)	Rs	259293.73
	Say Rs		259294.00

(Rupees two lakh fifty nine thousand two hundred and ninety four) only.

Prepared By:

Birey Das
Junior Engineer

Checked by: Garobadha Distribution Sub-Division
Me.P.D.C.L., Garobadha

APPROVED

Assistant Executive Engineer

Garobadha Distribution Sub-Division
Me.P.D.C.L., Garobadha

Field Engineer
South West Garo Hills
Distribution Division
MePDCL

Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

Final Estimate

Location of the village: Chimisenggre
Name of the Scheme: Deposit work

Name of the work: Installation of HT Meter for P/S to Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.

As per approved rate: ACE(MM)/Approved Rate/2017-18/37

Dt. 17.05.2018

ESTIMATE FOR CONSUMER HT METERING OF 25 KVA SUB-STATION.

Sl. No	Item	Unit	Qty	Rate	Amount
1	Thread Through Energy Meter with inbuilt GSM/GPRS modem. Category-C Rating 3x240V, 40-200A 3ph 4wire for system DTR metering upto 100KVA	No.	1	14690.95	14690.95
2	Filter proff GSM 7450-1	No	1	8510.00	8510.00
3	Test Terminal Block	No	1	1100.00	1100.00
4	Sundries (2.5 sq.mm. Copper cable, 6 sq.mm aluminium cable, seal etc.)			LS	500.00

1. Total cost of materials

Rs. 24800.95

2. Labour charge 10% on 'A'

Rs. 2480.10

3. Sub Total (A+B)

Rs. 27281.05

4. Deptl. Charge 15% on 'C'

Rs. 4092.16

5. Taxable Value (C+D)

Rs. 31373.20

6. GST @ 18% on E

Rs. 5647.18

7 Grand Total (E+F)

Rs. 37020.38

8. Labour cess @ 1% of 'G'

Rs. 370.20

Total Rs. 37390.58

Say Rs. 37391.00

(Rupees thirty seven thousand three hundred and ninety one) only

Prepared By:

Bibek Das
Junior Engineer

Garobadha Distribution Sub-Division

Me.PDCL, Garobadha.

[Signature]
Assistant Executive Engineer
Garobadha Distribution Sub-Division
Me.PDCL, Garobadha.

Checked by

[Signature]
Field Engineer
South West Garo Hills
Distribution Division
MePDCL

APPROVED
[Signature]
Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

MEGHALAYA POWER DISTRIBUTION CORPORATION LIMITED

of the Assistt. Executive Engineer, Garobadha Distribution Sub-Division, Mo.P.D.C.L, Garobadha
Estimate for Service Connection(3ph. Phaso 4wire)

Location:- Chimisenggre
Sub-Station:- Chimisenggre 25 KVA
Name of Consumer :- Summit Digital Infrastructure
Name of the work: 3phase 4wire Service Connection for providing P/S to Summit Digital Infrastructure Pvt. Ltd. at Chimisenggre.

Connected load : 16.00 KW
Category : CLT

Meter No.

As per approved rate:ACE(MM)/Approved Rate/2017-18/37

Dt.17.05.2018

SL.No	Items	Unit	Qty	Purchase Rate exclusive of GST	Rate including Storage & Handling Charge @ 7.5%	Amount (Rs)	Remarks
A	B	C	D	E	F	(DxF)	
1	LT XLPE cable 1-core 95sq.mm (Havells)	Mtrs.	80	549.00	590.18	47214.00	Companies
2	Triple Pole with Neutral Link, 415 Vac, 50 Hz 200A	Nos.	1	17515.00	18828.63	18828.63	- Do -
3	C.I. earthing 6' x 2" (ISI).	Set	1	1659.00	1783.43	1783.43	
4	G.I. wire 8 SWG	Kg.	4	107.50	115.56	462.25	
5	Sundries (clamps, nuts & bolts, screw, nails, black putty, etc.)			L.S.	1000.00	1000.00	

A.	Total cost of materials	Rs.	69288.30
B.	Labour charge 20% on 'A'	Rs.	13857.66
C.	Sub Total (A+B)	Rs.	83145.96
D.	Deptl. Charge 15% on 'C'	Rs.	12471.89
E.	Taxable Value (C+D)	Rs.	95617.85
F.	GST @ 18% on E	Rs.	17211.21
G.	Sub-Total (E+F)	Rs.	112829.07
H.	Labour cess @ 1% of 'G'	Rs.	1128.29
I.	Grand Total(G+H)	Rs.	113957.36
	Say,		113957.00

(Rupees one lakh thirteen thousand nine hundred and fifty seven) only

Prepared By:

Bijoy Das
Junior Engineer

Garobadha Distribution Sub-Division

Checked by Me.P.D.C.L., Garobadha

[Signature]
Assistant Executive Engineer

Garobadha Distribution Sub-Division

Me.P.D.C.L., Garobadha

APPROVED

[Signature]
Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

[Signature]
Field Engineer
South West Garo Hills
Distribution Division
MePDCL

Estimate for Construction and Fabrication of DT Motoring Rain Shade

Rates:- As per M.P.W.D. Schedule of rates for building work for the year 2021-22.

1/2.1

Earthwork in excavation by manual means up to a depth of 2m below the existing ground level for foundation trenches of (b) in ordinary rock (soft rock/ medium rock/ hard shale)

2

x

0.30

x

0.30

x

0.70

=

0.126 m³

Total

=

0.126 m³

@

Rs.

414.00 /m³

=

Rs.

52.16

2/12.5

Providing soling with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the a. Brick soling i. 100mm

2

x

0.3

x

0.3

=

0.18 m²

@

Rs.

357.00 /m²

=

Rs.

64.26

3/5.1

Plain cement concrete works in foundation bed for footing steps, walls, brick works etc below plinth level as directed and (c) 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)

2

x

0.30

x

0.30

x

0.60

=

0.108 m³

Total

=

0.108 m³

@

Rs.

8350.00 /m³

=

Rs.

901.80

4/11.14

Steelwork in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, Steel Tube Nominal bore 50 mm (Medium) (Rafter)

4

x

0.75

=

3.00 m

@

5.10 kg /Rm

=

15.30 kg

Steel Tube Nominal bore 32 mm (Medium) (Purlin)

4

x

2.10

=

8.40 m

@

3.15 kg /Rm

=

26.46 kg

Total

=

41.760 kg

@

Rs.

263.00 /kg

=

Rs.

10,932.88

5/11.1

Structural steelwork in single section, fixed with or without per kg 117.00 connecting plate, including cutting, hoisting, fixing M. S. Channel 100 mm x 50 mm.

2

x

2.40

=

4.80 m

@

9.20 kg /Rm

=

44.16 kg

M. S. Angle 50 mm x 50 mm.

3

x

2.00

=

6 m

@

4.50 kg /Rm

=

27.00 kg

Total

=

71.160 kg

@

Rs.

117.00 /kg

=

Rs.

8,325.72

6/13.1

Providing corrugated G.S or galvanised iron sheet roofing including vertical/ curved surface fixed with polymer coated J or L g. 0.45 mm thick with zinc coating not less than 275 gm/sqm

2.0

x

2.10

x

0.75

=

3.15 m²

Total

=

3.15 m²

@

Rs.

704.00 /m²

=

Rs.

2,217.60

7/13.4

Providing ridges or hips Of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 f. 0.45 mm thick with zinc coating not less than 275 gm/sqm

1.00

x

2.10

=

2.10 m

Total

=

2.10 m

@

Rs.

535.00 /Rm

=

Rs.

1,123.50

Checked by

Field Engineer
South West Garo Hills
Distribution Division
MePDCL

prepared by:

Garobadha Distribution Sub-Division
MePDCL, Garobadha

APPROVED

Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

Assistant Executive Engineer
Garobadha Distribution Sub-Division
MePDCL, Garobadha

(Rupees twenty eight thousand six hundred and seventy six) only

A.	Total (Say) Rs.	23,668.00
B. Total amount exclusive of 12% GST	Rs.	21,132.14
C. Departmental Charge 15% on 'B'	Rs.	3,169.82
D. Taxable Value (B+C)	Rs.	24,301.96
E. GST 18% on 'D'	Rs.	4,374.35
F. Gross Amount (D+E)	Rs.	28,676.32
Say,	Rs.	28,676.00

ESTIMATE FOR CONSTRUCTION OF BRICK WALL FENCING OF NEW 11/0.4 KV, 25 KV TRANSFORMER FOR POWER SUPPLY TO SUMMIT DIGITAL INFRASTRUCTURE PVT. LTD CHIMISENGGRE

Rates:- As per M.P.W.D. Schedule of rates for building work for the year 2021-22,
(SIZE = 4.00M X 3.00M)

- 2.1 Earthwork in excavation upto a depth of 2m below the existing ground level for foundation trenches of foundation, footing of column/wall, retaining walls, septic tank etc, including bailing out water where necessary and removal of surplus earth with all lead and lifts as directed and specified for the following classification of soils.

(b) Ordinary rock (soft rock/medium rock/hard shale)

Column :-	6	x	0.45	x	0.45	x	0.80	=	0.972 m ³
Plinth wall :-	1	x	3.55	x	0.45	x	0.60	=	0.959 m ³
	2	x	2.55	x	0.45	x	0.60	=	1.377 m ³
	1	x	1.80	x	0.45	x	0.60	=	0.486 m ³
	2	x	0.525	x	0.45	x	0.60	=	0.284 m ³
T. Pad :-	1	x	1.00	x	1.00	x	0.20	=	0.200 m ³
Total								=	4.277 m³

@ Rs. **414.00** /m³ ----- Rs.

- 2/5.1 Plain cement concrete works in foundation bed for footing steps, walls, brick works etc. below plinth level as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately)

(b) In proportion 1 :3:6

In column Footing :-	6	x	0.45	x	0.45	x	0.10	=	0.122 m ³
P. wall :-	1	x	3.55	x	0.45	x	0.10	=	0.160 m ³
	2	x	2.55	x	0.45	x	0.10	=	0.230 m ³
	1	x	1.80	x	0.45	x	0.10	=	0.081 m ³
	2	x	0.525	x	0.45	x	0.10	=	0.047 m ³
T. Pad :-	1	x	1.00	x	1.00	x	0.10	=	0.100 m ³
Total								=	0.739 m³

@ Rs. **7601.00** /m³ ----- Rs.

- 3/6.11 Supplying, fitting and fixing in position reinforcement bars upto 1st floor level, conforming to relevant I.S. code for RCC work/RB walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and bending with 20G annealed black wire and placing in position with proper blocks, supports, chair, spacers etc. complete (Rates inclusive of all wastage, lapping, hooks, chairs, anchorage etc. and no measurements for the same is required)

(b) High Yield Strength Deform bars or Tor Bars

(i) TMT corrosion resistant steel (CRS) reinforcement bar

For column of walls 4 Nos 10mm dia main bar	6	x	4	x	2.75	x	0.62	=	40.920 Kg
For Tie beam of walls 4 Nos 10mm dia main bar	1	x	4	x	14.50	x	0.62	=	35.960 Kg
For Top beam of walls 4 Nos 10mm dia main bar	1	x	4	x	12.70	x	0.62	=	31.496 Kg
Stirrup :- 8mm dia @ 15cm c/c									
Column :-	6	x	19	x	0.85	x	0.38	=	36.822 Kg
Tie beam :-	1	x	97	x	0.85	x	0.38	=	31.331 Kg
Top beam :-	1	x	85	x	0.65	x	0.38	=	20.995 Kg
Total								=	197.524 Kg
								=	1.98 Qtls.

@ Rs. **10936.00** /Qtls. ----- Rs.

Centering and shuttering including strutting, propping etc and removal of form for all heights complete and as directed by Engineer incharge.

In Column of walls :-

Column :-	6	x	4	x	0.25	x	2.70	=	16.200 m ²
Tie beam :-	1	x	2	x	0.20	x	3.75	=	1.500 m ²
	1	x	2	x	0.20	x	2.75	=	1.100 m ²
	1	x	2	x	0.20	x	1.80	=	0.720 m ²
	2	x	2	x	0.20	x	0.725	=	0.580 m ²
Top beam :-	1	x	2	x	0.15	x	3.75	=	1.125 m ²
	2	x	2	x	0.15	x	2.75	=	1.650 m ²
	2	x	2	x	0.15	x	0.725	=	0.435 m ²
							Total	=	23.310 m²

(ii) Rs. 609.00 /m²

-----Rs.

14195.79

Reinforced Cement Concrete
5/6.2 Reinforcement cement concrete work in walls (any thickness) including attached pilasters, buttresses, fillets, columns, pillars, post and struts etc. above plinth level upto first floor level, excluding cost of centering, shuttering, finishing and reinforcement:
 (a) M20 or 1:1.1/2:3

(b) M20 or 1:1.1/2:3

$$\text{Column of walls :- } 6 \times 0.25 \times 0.25 \times 2.75 = 1.031 \text{ m}^3$$

@ Rs. 9923.00 /m³

-----Rs.

10230.61

5.0.3 Reinforcement cement concrete work in beams, slabs, roofs having slope upto 15⁰, landings, balconies, shelves, chajjas lintel, bands, plain window sills, staircases and spiral staircases above plinth level upto first floor level, excluding cost of centering, shuttering, finishing and reinforcement:

(b) M20 or 1:1.1/2.3

Tie beam :-									
	1	x	3.75	x	0.25	x	0.20	=	0.188 m ³
	2	x	2.75	x	0.25	x	0.20	=	0.275 m ³
Top beam :-									
	1	x	1.80	x	0.25	x	0.20	=	0.090 m ³
	2	x	0.725	x	0.25	x	0.20	=	0.073 m ³
	1	x	3.75	x	0.15	x	0.15	=	0.081 m ³
	2	x	2.75	x	0.15	x	0.15	=	0.124 m ³
	2	x	0.725	x	0.15	x	0.15	=	0.033 m ³
Total								=	0.866 m³

(a) Rs. 10335.00 /m³

Rs. _____

8950.1

573

Brick work in cement mortar with 1st class bricks superstructure above plinth level up to 1st floor level in all shapes and size:

(a) Cement mortar 1:4

(a) Cement mortar 1:4								
Plinth wall :-	1	x	3.75	x	0.250	x	0.50	= 0.469 m ³
	2	x	2.75	x	0.250	x	0.50	= 0.688 m ³
	1	x	1.80	x	0.250	x	0.50	= 0.225 m ³
	2	x	0.725	x	0.250	x	0.50	= 0.181 m ³
Wall Above tie beam :-	1	x	3.75	x	0.125	x	1.50	= 0.703 m ³
	2	x	2.75	x	0.125	x	1.50	= 1.031 m ³
	2	x	0.725	x	0.125	x	1.50	= 0.272 m ³
	Total							= 3.569 m³

@ Rs. 10925.00 /m³ ----- Rs.

Earth work in filling (excluding rock) in trenches, plinth, sides of foundation etc in layers not exceeding 20 cm thick including breaking of clods, consolidating each layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.

(a) with available excavated earth
In foundation of column :-

1	x	3.75	x	2.75	x	0.15	=	1.547 m ³
							Total	= 1.547 m ³

@ Rs. 141.00 /m³ ----- Rs.

8/12.5 Providing brick soling with stone/best quality pick janana brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.

(a) Stone soling (ii) 150mm
Floor

1	x	3.75	x	2.75	=	10.313 m ²
					Total	= 10.313 m ²

@ Rs. 603.00 /m² ----- Rs.

9/12.1 Plain cement concrete floor base in prop. 1:3:6 laid in alternate bayys as specified with coarse aggregate of size 13mm to 32mm including dewatering if necessary, and curing etc.

In Floor

1	x	3.75	x	2.75	=	10.313 m ²
					Total	= 10.313 m ²

@ Rs. 807.00 /m² ----- Rs.

10/12.10 Cement concrete flooring finish with floating coat of neat cement including cement slurry complete.

(a) 25mm thick

1	x	3.75	x	2.75	=	10.313 m ²
					Total	= 10.313 m ²

@ Rs. 375.00 /m² ----- Rs.

11/15.2 15 mm cement plaster on the rough side of single or half brick wall mix:

(a) Proportio 1:4

P. wall :-

Brick walls :-

Column :-

Top of Column :-

1	x	1	x	14.50	x	0.20	=	2.90 m ²
2	x	1	x	4.25		1.50	=	12.75 m ²
2	x	2	x	3.25		1.50	=	19.50 m ²
2	x	2	x	1.225		1.50	=	7.35 m ²
6	x	4	x	0.25	x	0.30	=	1.80 m ²
6	x	1	x	0.25	x	0.25	=	0.38 m ²
							Total	= 44.68 m ²

@ Rs. 277.00 /m² ----- Rs.

12/11 15 Steel work welded in built up section/ frame work including, cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.

(b) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.

Considering for length of 14m @ 12 kg/Rm

14.00	x	12.00	=	168.00 Kg.
			Total	= 168.00 Kg.

@ Rs. 128.00 /Kg ----- Rs.

218.13

6218.74

8322.59

3867.33

12376.33

21504.33

- 5 Providing and fixing 1 mm thick MS sheet door with frame of 40x40x6 mm angle iron and 3 mm MS gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.

(a) Using M.S. angle 40x40x6 mm for diagonal braces.

For Gate :-

$$1 \times 1.80 \times 1.80 = 3.24 \text{ m}^2$$

$$\text{Total} = 3.24 \text{ m}^2$$

@ Rs. 4532.00 /m² ----- Rs. 14683.68

- 14/16.14 Finish walls with water proof cement paint of required shade:

(a) New work (two or more coats applied @ 3.84 ltr/10 sqm).

Quantity as per item No. 7/5.1

$$\text{Total} = 44.68 \text{ m}^2$$

@ Rs. 83.00 /m² ----- Rs. 3708.44

15/16.36

Painting with best quality synthetic enamel with approved make and brand including smoothening the surface by sand papering etc. and using approved putty on the surface, if necessary complete as directed.

(a) New work (two or more coats over an under coat of suitable shade with ordinary paint of approved brand and manufacture)

Grill :-	1	x	3.75	x	0.30	x	1.00	=	1.13 m ²
	2	x	2.75	x	0.30	x	1.00	=	1.65 m ²
	2	x	0.725	x	0.30	x	1.00	=	0.44 m ²
Gate :-	1	x	1.80	x	1.80	x	1.00	=	3.24 m ²
	Total								= 6.450 m²

@ Rs. 155.00 /m² ----- Rs. 999.7

A.	Total	Rs.	173308.0
B. Total amount exclusive of 12% GST		Rs.	154739.28
C. Departmental Charge 15% on 'B'		Rs.	23210.8
D. Taxable Value (B+C)		Rs.	177950.1
E. GST 18% on 'D'		Rs.	32031.0
F. Gross Amount (D+E)		Rs.	209981.2
	Say,	Rs.	209981.0

(Rupees two lakh nine thousand nine hundred and eighty one)only

Prepared by

Biraj Dae
Junior Engineer

Garobadha (D) Sub-Division
Me PDCL, Garobadha

[Signature]
Assist. Executive Engineer
Garobadha (D) Sub-Division
Me PDCL, Garobadha

Checked by

[Signature]
Field Engineer
South West Garo Hills
Distribution Division
MePDCL

APPROVED
[Signature]
Executive Engineer
South West Garo Hills
Distribution Division
MePDCL

INDUSTRIAL CABLES

3 Core Power Cables - Aluminium Conductor A2XLY

HAVELLS BRAND Aluminium HT Cables, Stranded Compacted Circular Aluminium Conductor, Conductor Screen with Extruded Semi Conducting Compound, XLPE Insulated, Insulation Screening with Extruded Semi Conducting Compound in Combination with Copper Tape, Cores Laid Up, Inner Sheath of PVC, Galvanised Steel Flat Strip Armoured, & Overall PVC Sheathed Cable Conforming to IS 7098 (Part-2) 2011 with upto Date Amendments.



Cable (Size in sq. mm)	3.3 kV E/UE	6.6 kV (E)	6.6 kV (UE) 11 kV (E)	11 kV (UE)	22 kV (E)	33 kV (E)	33 kV (UE)
35 sq. mm			₹ 1453.00				
50 sq. mm			₹ 1737.00				
70 sq. mm	₹ 1953.00	₹ 1953.00	₹ 2116.00				
95 sq. mm	₹ 2204.00	₹ 2204.00	₹ 2400.00	₹ 3244.00	₹ 3311.00	₹ 4326.00	
120 sq. mm	₹ 2668.00	₹ 2668.00	₹ 2897.00	₹ 3645.00	₹ 3720.00	₹ 4045.00	
150 sq. mm	₹ 3133.00	₹ 3133.00	₹ 3394.00	₹ 4181.00	₹ 4266.00	₹ 5315.00	₹ 5751.00
185 sq. mm	₹ 3593.00	₹ 3593.00	₹ 3870.00	₹ 4719.00	₹ 4816.00	₹ 5934.00	₹ 6396.00
240 sq. mm	₹ 4381.00	₹ 4381.00	₹ 4689.00	₹ 5571.00	₹ 5685.00	₹ 7009.00	₹ 7418.00
300 sq. mm	₹ 5237.00	₹ 5237.00	₹ 5547.00	₹ 6532.00	₹ 6665.00	₹ 7912.00	₹ 8708.00
400 sq. mm	₹ 6641.00	₹ 6641.00	₹ 6940.00	₹ 7923.00	₹ 8084.00	₹ 9589.00	₹ 10084.00

Extras For Special Construction (for HT Cables)

1) Extruded PVC Inner Sheath	4.5%	4) FRLS PVC Inner Sheath	7.5%
2) Pressure Extruded PVC Inner Sheath	19.5%	5) FRLS PVC Outer Sheath	7.5%
3) Round Wire Armouring - Up to 11 kV (E)	30%	6) FR Sheath with Oxygen Index	4.5%
11 kV (UE) & Above	33%		

Note : • The above rates are exclusive of GST & any other statutory levies which shall be charged extra.
• This List Price supersedes all our earlier price list. This List Price is subject to change without prior notice.

LT Power Cables - Aluminium Conductor

HAVELLS BRAND Power Cables, Solid Aluminium Conductor up to 10 sq. mm & Balance Stranded Conductor, XLPE Insulated, Cores Laid Up, PVC Inner Sheathed, Unarmoured/Armoured (Aluminium wire for single core up to 70 sq. mm & balance Aluminium strip, Galvanised wire for cables upto 2Cx10 sq. mm, 3Cx10 sq. mm, 4Cx6 sq. mm & balance all galvanised steel strip) Extruded PVC Type ST2 Outer Sheathed, 650 V/1100 V Grads as per IS 7098 (Part 1) 1988 with upto Date Amendments.



Cable (Size in sq. mm)	Un Armoured					Armoured				
	Core - 1 A2XY	Core - 2 A2XY	Core - 3 A2XY	Core - 3.5 A2XY	Core - 4 A2XY	Core - 1 A2XWwY A2XFwY	Core - 2 A2XWY A2XFY	Core - 3 A2XWY A2XFY	Core - 3.5 A2XWY A2XFY	Core - 4 A2XWY A2XFY
4 sq. mm		₹ 103.00	₹ 120.00		₹ 155.00		₹ 185.00	₹ 198.00		₹ 232.00
6 sq. mm		₹ 144.00	₹ 171.00		₹ 209.00		₹ 224.00	₹ 245.00		₹ 292.00
10 sq. mm		₹ 209.00	₹ 233.00		₹ 274.00		₹ 284.00	₹ 316.00		₹ 402.00
16 sq. mm	₹ 101.00	₹ 212.00	₹ 263.00		₹ 348.00	₹ 182.00	₹ 323.00	₹ 340.00		₹ 430.00
25 sq. mm	₹ 146.00	₹ 274.00	₹ 371.00	₹ 471.00	₹ 495.00	₹ 240.00	₹ 344.00	₹ 435.00	₹ 505.00	₹ 541.00
35 sq. mm	₹ 189.00	₹ 360.00	₹ 511.00	₹ 553.00	₹ 613.00	₹ 290.00	₹ 430.00	₹ 575.00	₹ 639.00	₹ 728.00
50 sq. mm	₹ 243.00	₹ 452.00	₹ 629.00	₹ 749.00	₹ 820.00	₹ 358.00	₹ 556.00	₹ 748.00	₹ 865.00	₹ 973.00
70 sq. mm	₹ 335.00	₹ 650.00	₹ 805.00	₹ 1023.00	₹ 1178.00	₹ 458.00	₹ 744.00	₹ 1026.00	₹ 1168.00	₹ 1322.00
95 sq. mm	₹ 431.00	₹ 771.00	₹ 1101.00	₹ 1302.00	₹ 1404.00	₹ 549.00 ✓	₹ 920.00	₹ 1263.00	₹ 1456.00	₹ 1648.00
120 sq. mm	₹ 537.00	₹ 961.00	₹ 1438.00	₹ 1674.00	₹ 1738.00	₹ 637.00	₹ 1098.00	₹ 1538.00	₹ 1823.00	₹ 2010.00
150 sq. mm	₹ 663.00	₹ 1105.00	₹ 1691.00	₹ 1959.00	₹ 2152.00	₹ 759.00	₹ 1350.00	₹ 1888.00	₹ 2161.00	₹ 2471.00
185 sq. mm	₹ 821.00	₹ 1425.00	₹ 2132.00	₹ 2505.00	₹ 2663.00	₹ 933.00	₹ 1623.00	₹ 2339.00	₹ 2736.00	₹ 3040.00
240 sq. mm	₹ 1042.00	₹ 1864.00	₹ 2752.00	₹ 3006.00	₹ 3470.00	₹ 1153.00	₹ 2152.00	₹ 2986.00	₹ 3435.00	₹ 3925.00
300 sq. mm	₹ 1288.00	₹ 2278.00	₹ 3373.00	₹ 3973.00	₹ 4237.00	₹ 1410.00	₹ 2637.00	₹ 3680.00	₹ 4227.00	₹ 4838.00
400 sq. mm	₹ 1658.00	₹ 2843.00	₹ 4208.00	₹ 4965.00	₹ 5570.00	₹ 1702.00	₹ 3424.00	₹ 4716.00	₹ 5400.00	₹ 6220.00
500 sq. mm	₹ 2084.00	₹ 3620.00	₹ 5844.00	₹ 6851.00	₹ 7781.00	₹ 2232.00	₹ 4023.00	₹ 6203.00	₹ 7633.00	₹ 8600.00
630 sq. mm	₹ 2580.00	₹ 4617.00	₹ 7697.00	₹ 8088.00	₹ 10412.00	₹ 2754.00	₹ 5087.00	₹ 8278.00	₹ 9353.00	₹ 11288.00
800 sq. mm	₹ 3221.00					₹ 3385.00				
1000 sq. mm	₹ 4061.00					₹ 4163.00				

Bijoy Das

16.11.2024

1st Edition

1st Edition - 1st May, 2024

Junior Engineer

Distribution Sub Division

No. 173/1, G. P. O. - 704

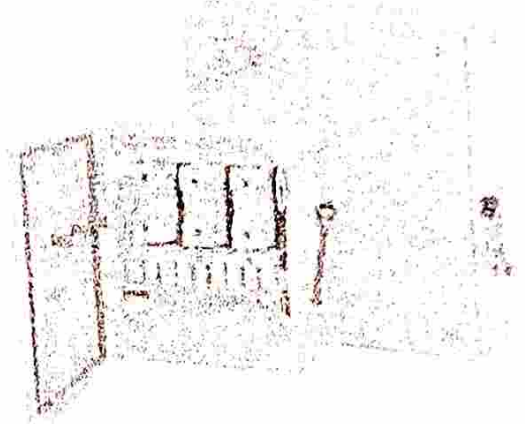
16.11.2024

Switch Fuse Units

Single Pole & Neutral / Double Pole

HSN Code: 8537

Single Pole & Neutral		
16 A / 240 V	IIBRSE2016	780.00
32 A / 240 V	IIBRSE2032	1925.00
Double Pole		
16 A / 240 V	IIBRDE2016	670.00
32 A / 240 V	IIBRDE2032	1475.00
32 A / 415 V	IIBRDE4032	2965.00
63 A / 415 V	IIBRDE4063	4555.00



Triple Pole with Neutral Link, 415 Vac, 50 Hz

HSN Code: 8537

With Removable Porcelain Fuse Units		
16 A	IIBRTE4016	2480.00
32 A	IIBRTE4032	2595.00
63 A	IIBRTE4063	5615.00
100 A	IIBRTE4100	9715.00
200 A	IIBRTE4200	17515.00
320 A	IIBRTE4320	24540.00

Heavy Duty Double Break Fuse Switches - HBC Fuse type

415 Vac, 50 Hz

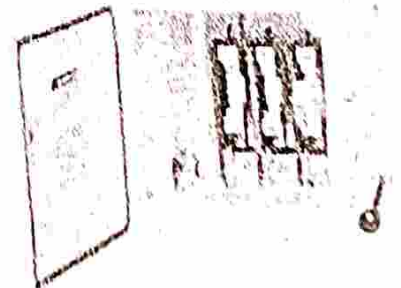
HSN Code: 8537

Triple Pole & Neutral			
63 A	IIBNTW4063	9300.00	IIBNTSS0063
100 A	IIBNTW4100	12570.00	IIBNTSD0100
160 A	IIBNTW4160	19440.00	IIBNTSD0160
200 A	IIBNTW4200	21420.00	IIBNTSF0200
320 A	IIBNTW4320	24130.00	IIBNTSK0315
400 A	IIBNTW4400	34620.00	IIBNTSMF400
500 A	IIBNTW4500	48925.00	IIBNTTM0500
800 A	IIBNTW4800	62460.00	IIBNTM0800

For heavy duty double break type HBC Fuse Units

* Eval J. suitable for 600 A and 800 A Fuse

All the switches are surface mounting type, housed in sheet steel enclosure with side handle operation and have front access left opening doors interlocked to prevent opening when the switch is in ON position.



Bijay Das
Junior Engineer
Distribution Sub-Division
MePDCL, Garobadha

General Purpose Load Changeover Switch

Onload Changeover Switch - AC 23 (Side handle)
415 Vac, 50 Hz

HSN Code: 8536

Double Pole		
32 A	IHBDE0032 (240 Vac)	2150.00
63 A	IHBDE0063 (240 Vac)	4255.00
Four Pole		
32 A	IHBFFE0032	3945.00
63 A	IHBFFE0063	7920.00
100 A	IHBFFE0100	15385.00

Onload Changeover Switch- AC 20 (side handle)
415 Vac, 50 Hz

HSN Code: 8536

Four Pole		
200 A	IHBFFE0200	25895.00
300 A	IHBFFE0300	30065.00
400 A	IHBFFE0400	41530.00
600 A	IHBFFE0600	64925.00
800 A	IHBFFE0800	80950.00
1000 A	IHBFFE1000	112865.00
1250 A	IHBFFE1250	242430.00
1500 A	IHBFFE1500	279775.00
2000 A	IHBFFE2000	391025.00

Kit-kat Rewireable (Porcelain Fuse carrier & Base)

Specification: IS: 2086

HSN Code: 8536

Rating	Model	Price	Notes
15 A / 240 V	IHKKR12016	95.00	20 N
15 A / 415 V	IHKKR14016	235.00	24 N
20 A / 240 V	IHKKR12032	235.00	24 N
32 A / 415 V	IHKKR14032	285.00	12 N
63 A / 415 V	IHKKR14063	460.00	12 N
63 A / 415 V	IHKKR14063	575.00	6 N
100 A / 415 V	IHKKR14100	810.00	6 N
100 A / 415 V	IHKKR14100	970.00	1 N
200 A / 415 V	IHKKR14200	1485.00	1 N
200 A / 415 V	IHKKR14200	1930.00	1 N
300 A / 415 V	IHKKR14300	2530.00	1 N
300 A / 415 V	IHKKR14300	3000.00	1 N
400 A / 415 V	IHKKR14400		1 N
500 A / 415 V	IHKKR14500		1 N

* - 514, # - 14x, ** - With Extension strips

Effective from 15th August, 2021

Bijoy Das
Junior Engineer
Distribution Sub-Station
M.D.C. & Co. Ltd.