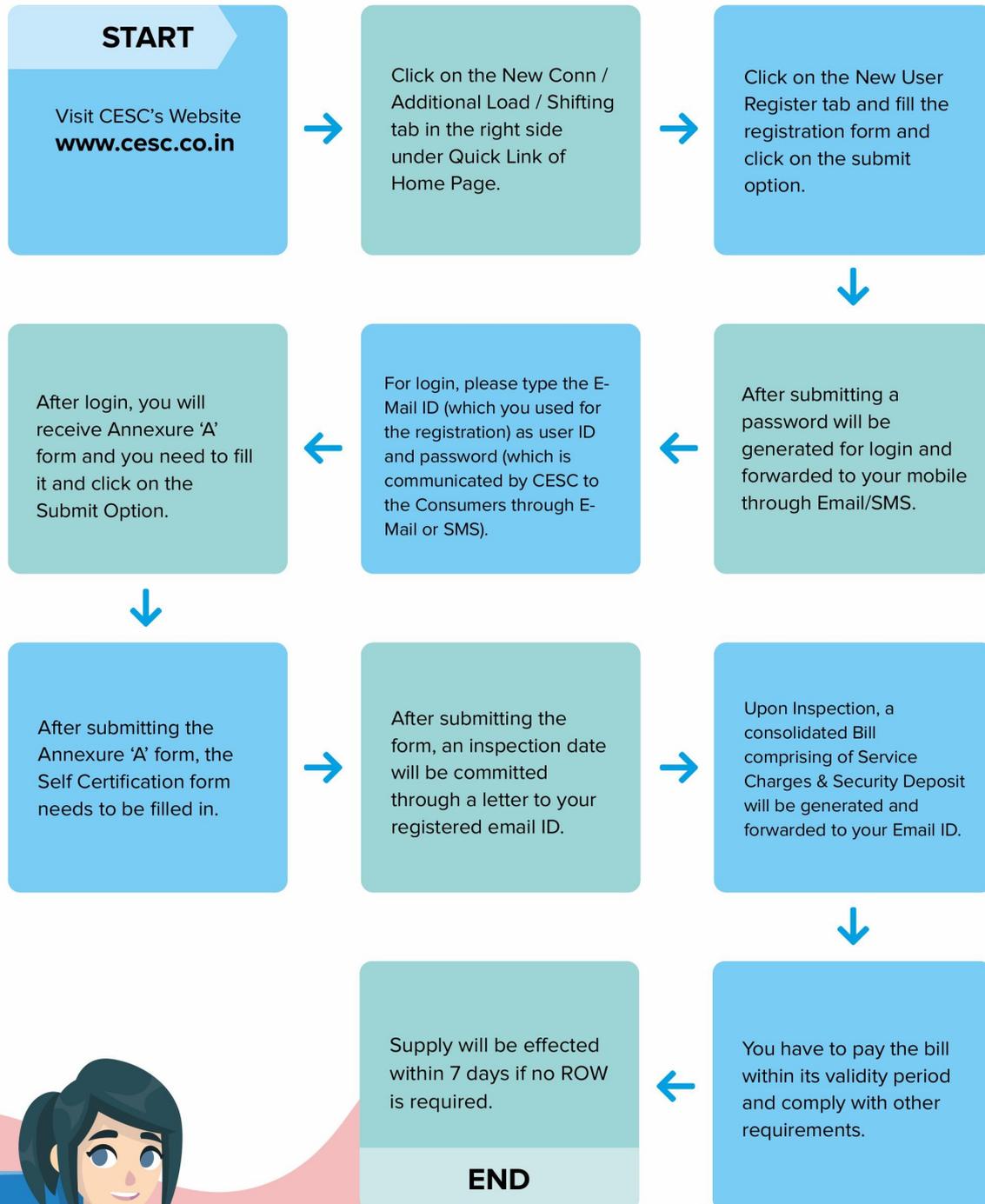


# FLOWCHART FOR NEW CONNECTION APPLICATION PROCESS



# GUIDELINES

## FOR LV (SINGLE PHASE) & MV (THREE PHASE) APPLICATION

FOR NEW CONNECTION / ADDITIONAL LOAD / SHIFTING OF SUPPLY EQUAL TO OR BELOW NOTIFIED VOLTAGE ( i.e. 650 Volts)  
ALL APPLICATIONS MUST BE SUBMITTED ONLINE ONLY



### REGISTRATION

- Go online to CESC website <https://www.cesc.co.in>. Click on "New Conn / Addl. Load / Shifting" from "Quick Links".
- In case you are already registered, you can login using your E-mail ID and Password. Else, click on "New User Register" button.
- Fill in the required details in the simple self-registration form of "Registration For New Connection".
- Once you submit the self-registration form, a Login Password will be sent both to your e-mail ID and Mobile Number. You can use this password or may change this password.
- Your E-mail ID will be your user ID.



### SUBMISSION OF APPLICATION

- You can now log in and view the application form "Applicant Information Input Form (Annexure – A)".
- Fill in the required details in the application form and submit the same online.

#### NOTE

- For load upto 6 KW, the mode of supply will be 'Single Phase'.  
For load more than 6 KW, the mode of supply will be 'Three Phase'.
- Before submission, you may view the cost-estimate depending on your load requirements and other parameters by clicking on "Cost Estimate Calculator" in the Login-page.



## COST ESTIMATE CALCULATOR

💡 For applications pertaining to single beneficiary consumer (except Housing / Commercial / Industrial Complex) with Contract Load upto 150 KVA / 127.50 KW, indicative Security Deposit and Service connection charge can be viewed through the calculator. Such Service Connection Charge estimate excludes road restoration charge and additional involvement of cable, which will be levied separately on actuals in the bill.



## PROVISIONAL DEMAND NOTE

💡 If your application pertains to single beneficiary consumer (except Housing / Commercial / Industrial Complex) with Contract Load upto 150 KVA / 127.50 KW, you will receive a provisional demand note of Service Charge and Security Deposit for your information. Such Service Connection Charge estimate excludes road restoration charge and additional involvement of cable, which will be levied separately on actuals in the bill. Only upon inspection, if supply is contemplated to be provided considering techno commercial feasibility, then the actual Bill for Service Charge and Security Deposit will be issued for payment.



## INSPECTION

💡 On submission of application, you shall receive instant communication of the date and time of inspection. However, in some cases instant communication of the date and time of the inspection may not be instantly communicated. For such cases, we may need some further information and carry out the inspection after subsequent intimation.



## OFFER LETTER AND BILL

💡 Subsequent to our inspection, you will receive an Offer Letter and Bill at your address and also to the E-mail ID provided. The payment and compliance requirements at your end will be mentioned in the said Offer Letter.



## SHIFTING OF SERVICE

💡 In case of shifting of service, we will require the consent from ALL the existing Consumers, being catered from the said service, for such shifting.





## BILL PAYMENT

### Where Bill amount is below Rs. 2 lakhs

- ⚡ You may pay bills for Service Charge and Security Deposit through e-payment modes, i.e. NEFT/RTGS/Net Banking/Debit/Credit Card from the CESC Web Portal (<https://www.cesc.co.in>) and may download the payment receipt from our website.
- ⚡ Alternatively you may deposit such payment at any of the Cash Offices by cash or Demand Draft / Banker's cheque.

**IMPORTANT: Money Order or Cheque Payment will not be accepted.**

### Where Bill Amount is Rs. 2 lakhs or more

- ⚡ The e- payment channels can be used for payment of such Bills, subject to entry of PAN details.
- ⚡ In case you intend to make payment at our Cash Counters, payment has to be made through Demand Draft or Banker's Cheque. In that event, a self-attested copy of your PAN Card has to be submitted.



## CONNECTION TIMELINE

- ⚡ On fulfilment of all compliances, including payment, the connection will be provided, within 7 (seven) working days where Right of Way (RoW\*) is not required.
- ⚡ The above timeline may vary in case where extension of Mains and/or installation of Transformer and/or erection of Substation etc. is required and/or RoW is not received on time.

### NOTE

Right of Way (ROW) is involved where any excavation has to be carried out on Municipal thoroughfare for laying the supply lines, for which permission of concerned Municipal Authorities is mandatory.



## THE METER BOARD AND SERVICE

- ⚡ The Meter Board and Service (including all fittings) will remain the property of the Company, who will maintain the same.
- ⚡ The Company reserves the right to make reasonable alterations, additions and / or repairs of the same or any part thereof at any point of time.



## ASK THE EXPERT

- ⚡ In case you need any assistance while submitting the Application, kindly send us an SMS. Type: **CESC OL** and send it to **56070**. Our Support Team will contact you to provide necessary assistance. This service is available between 9 AM to 5 PM from Monday to Friday and between 9 AM to 1 PM on Saturday, excluding Sunday & Public Holidays.

## MATERIAL COST SCHEDULE

DESCRIPTION OF MATERIALS	UNIT	COST (Rs.)
CONSUMERS' MODULE (SF6)	No.	₹ 7,18,911
CONSUMERS' MODULE (SF6) - MOTORISED	No.	₹ 9,43,889
SF6 RMU (3 ISOLATOR & 1 CB UNIT): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 8,62,320
SF6 RMU (3 ISOLATOR & 1 CB UNIT WITH EMBEDDED FRTU & 4G MODEM): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 10,57,603
FRTU PANEL FOR AUTOMATION OF SF6 RMU (4 ISOLATOR UNIT)	No.	₹ 3,70,508
ST THROUGH JOINT (PILC - XLPE TRANSITION): HT	No.	₹ 22,565
ST THROUGH JOINT: HT	No.	₹ 13,313
ST THROUGH JOINT: OPTICAL FIBRE CABLE	No.	₹ 3,540
ST THROUGH JOINT/ TEE JOINT: MULTICORE/ LT	No.	₹ 1,461
TERMINATION (HEAT SHRINK - SC OUTDOOR): HT	Set	₹ 6,687
TERMINATION (HEAT SHRINK - SC INDOOR): HT	Set	₹ 12,458
TERMINATION (HEAT SHRINK - 3C OUTDOOR): HT	No.	₹ 2,655
TERMINATION (HEAT SHRINK - 3C INDOOR): HT	No.	₹ 2,597
TERMINATION: OPTICAL FIBRE CABLE	No.	₹ 3,540
TERMINATION: MULTICORE/ LT	No.	₹ 1,120
HT COVER TILES - 6 kV/ 11 kV	Mtr.	₹ 48
MULTICORE/ OFC COVER TILES	Mtr.	₹ 65
LT COVER TILES	Mtr.	₹ 21
DISTRIBUTION TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 12,64,559
DISTRIBUTION TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 18,67,940
DISTRIBUTION TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 20,88,600
PACKAGED SUBSTATION (990 KVA DRY TYPE)	No.	₹ 38,50,727
STEEL STRUCTURE FOR P/T WITH CONCRETE BASE	Set	₹ 94,126
SCAFFOLDING ON P/T STRUCTURE	No.	₹ 28,119
HDPE PIPE (400 MM DIA) WITH COUPLER	Mtr.	₹ 5,012
HDPE PIPE (315 MM DIA) WITH COUPLER	Mtr.	₹ 2,373
HDPE PIPE (160 MM DIA) WITH COUPLER	Mtr.	₹ 742
HDPE PIPE (110 MM DIA) WITH COUPLER	Mtr.	₹ 472
DWC PIPE (160 MM DIA) WITH SOCKET	Mtr.	₹ 305
DWC PIPE (63 MM DIA) WITH SOCKET	Mtr.	₹ 48
GI PIPE (80 MM DIA)	Mtr.	₹ 582
GI PIPE (50 MM DIA)	Mtr.	₹ 376
MODIFIED 8 WAY PILLAR BOX (WITH 8 X 630 A UNITS)	No.	₹ 1,56,940
MODIFIED 6 WAY PILLAR BOX (WITH 6 X 630 A UNITS)	No.	₹ 1,25,670
MODIFIED 4 WAY PILLAR BOX (WITH 4 X 630 A UNITS)	No.	₹ 88,500
MODIFIED 2 WAY SERVICE PILLAR BOX (WITH 2 X 630 A UNITS)	No.	₹ 49,560
FUSE TRIP UNIT (630 A) FOR MODIFIED PILLAR BOX	No.	₹ 9,098
31 FT MS POLE WITH MUFFING AND EARTHING	No.	₹ 14,299
MS POLE FITTINGS COMPLETE (5 WIRE AND STREET LIGHTING)	Set	₹ 1,780
150 MM <sup>2</sup> AL XLPE LT ABC	Mtr.	₹ 795
ACSR RACOON (6/1/4. 09 MM)	Mtr.	₹ 78

## MATERIAL COST SCHEDULE

DESCRIPTION OF MATERIALS	UNIT	COST (Rs.)
ACSR FERRET (6/1/3. 00 MM)	Mtr.	₹ 42
CT METERING EQUIPMENT (300/5)	Set	₹ 20,060
CT METERING EQUIPMENT (200/5)	Set	₹ 14,018
200 /5 A 3 Phase LT CT Bank	No.	₹ 3,947
300 /5 A 3 Phase LT CT Bank	No.	₹ 4,366
LTCT Smart Meter	No.	₹ 9,322
EARTHING MATERIALS FOR NEUTRAL OR BODY EARTHING	Set	₹ 9,817
FIRE FIGHTING EQUIPMENT AT TRANSFORMER HOUSE	Set	₹ 7,718
200 A SINGLE ENTRY COMPOSIT CUT - OUT BOX	No.	₹ 1,699
MCB 63A DP with SMC Box	No.	₹ 679
MCB 63A TP with SMC Box	No.	₹ 966
MCB 80A TP with SMC Box	No.	₹ 3,048
MCB 125A TP with SMC Box	No.	₹ 3,282
MCCB 200A TP with SMC Box	No.	₹ 5,213
MCCB 250A TP with SMC Box	No.	₹ 7,403
185 SQ MM AL SINGLE CORE WP PVC CABLE	Mtr.	₹ 186
10 SQ MM CU SINGLE CORE NON - WP PVC CABLE	Mtr.	₹ 107
70 SQ MM CU SINGLE CORE NON - WP PVC CABLE	Mtr.	₹ 772
SSN Smart Meter - 1 Ph	No.	₹ 6,024
SSN Smart Meter - 3 Ph	No.	₹ 12,331
2 WAY SMC METER BOARD	No.	₹ 1,587
4 WAY SMC METER BOARD	No.	₹ 2,591
2 WAY FRP METER BOARD	No.	₹ 779
4 WAY FRP METER BOARD	No.	₹ 1,493
SERVICE KIT FOR 25 MM2 CABLE EXCLUDING METER BOARD - UG	No.	₹ 690
SERVICE KIT FOR 25 MM2 CABLE EXCLUDING METER BOARD - OH	No.	₹ 1,725
SERVICE KIT FOR 70 MM2 CABLE EXCLUDING METER BOARD - UG	No.	₹ 1,230
SERVICE KIT FOR 70 MM2 CABLE EXCLUDING METER BOARD - OH	No.	₹ 3,200

## LABOUR COST SCHEDULE

ITEM DESCRIPTION	UNIT	COST (Rs.)
<b>HV CABLE LAYING :</b>		
i) ONE CABLE IN ONE TRENCH	Mtr.	₹ 2,055
ii) EACH ADDITIONAL CABLE IN SAME TRENCH	Mtr.	₹ 409
iii) ONE CABLE BY MICROTUNNELLING	Mtr.	₹ 1,733
iv) TWO CABLES BY MICROTUNNELLING	Mtr.	₹ 2,638
<b>MV CABLE LAYING :</b>		
i) ONE CABLE IN ONE TRENCH	Mtr.	₹ 1,540
ii) EACH ADDITIONAL CABLE IN SAME TRENCH	Mtr.	₹ 304
PIPE LAYING	Mtr.	₹ 2,458
DUCT LAYING BY MICROTUNNELLING FOR OFC CABLE	Mtr.	₹ 293
HT JOINTING	Joint	₹ 26,458
OFC JOINTING	Joint	₹ 37,282
L.T JOINTING	Joint	₹ 8,287
CUBICLE SET	Day	₹ 30,724
PILLAR BOX ERECTION	No.	₹ 34,236
SHIFTING OF PILLAR BOX	No.	₹ 48,031
REMOVAL OF PILLAR BOX	No.	₹ 14,474
ERECTION OF P/T STRUCTURE & SCAFFOLDING	No.	₹ 34,517
INSTALLATION OF TRANSFORMER	No.	₹ 33,415
INSTALLATION OF PACKAGED SUBSTATION (PSS)	No.	₹ 1,40,000
TESTING DEPT. EXPENSES PER SCHEME FOR MV SOURCE		₹ 11,500
TESTING DEPT. EXPENSES PER SCHEME FOR OTHERS		₹ 26,000
GOVERNMENT INSPECTOR'S FEE FOR SALES SCHEME		₹ 100
GOVERNMENT INSPECTOR'S FEE FOR GENERAL SCHEME		₹ 300
CONSTRUCTION OF O/T OR PSS PLINTH		₹ 2,00,000

**LABOUR COST SCHEDULE FOR MV / LT NEW CONNECTION/EXTENSION OF LOAD/  
ALTERATION OF CONNECTION ETC.**

ITEM DESCRIPTION	UNIT	COST (Rs.)
<b>I UNDERGROUND SERVICE (Road Restoration to be charged on MP):</b>		
<i>A) NEW SERVICE</i>		
i) INSTALLATION UPTO 13 M CABLING IN PP	No.	₹ 23,242
ii) ADDITIONAL CABLE LAYING IN PP	Mtr.	₹ 369
iii) ADDITIONAL CABLE LAYING IN PCP/ MP	Mtr.	₹ 369
<i>B) SHIFTING OF SERVICE</i>		
i) UPTO 10 M	No.	₹ 24,472
ii) REST FOR EVERY 3 M OR PART THEREOF	Per 3 Mtr.	₹ 1,107
<i>C) STRENGTHENING OF SERVICE</i>		
i) BY REPLACEMENT OF CABLE UPTO 10 METRE	No.	₹ 25,087
ii) REST FOR EVERY 3 METRE OR PART THEREOF	Per 3 Mtr.	₹ 1,107
<b>II OVERHEAD SERVICE:</b>		
<i>A) NEW MODIFIED SERVICE</i>		
i) INSTALLATION UPTO 16 METRE CABLING	No.	₹ 23,242
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
<i>B) SHIFTING OF SERVICE BY MODIFIED METHOD</i>		
i) UPTO 10 M	No.	₹ 24,472
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
<i>C) STRENGTHENING OF SERVICE BY MODIFIED METHOD</i>		
i) BY REPLACEMENT OF CABLE UPTO 10 M	No.	₹ 24,472
ii) ADDITIONAL CABLE LAYING	Mtr.	₹ 369
III SINGLE PHASE METER LOOP WIRING (INCL MAT & SUPERVISION)	No.	₹ 1,465
IV THREE PHASE METER LOOP WIRING (INCL MAT & SUPERVISION)	No.	₹ 2,930
V STRENGTHENING OF CUT OUT WITH MCCB (INCL MAT & SUPERVISION)	No.	₹ 5,823
VI TYPE III SET LABOUR	DAY	₹ 41,064
VII TYPE II SET LABOUR	DAY	₹ 26,317
VIII METER SET LABOUR PER GROUP	DAY	₹ 5,186
IX CUT OUT REP SET LABOUR PER GROUP	DAY	₹ 4,798
X PETTY STORES	LS	₹ 600

**COST SCHEDULE FOR HV / OPTICAL FIBRE /MV CABLING**

GRADE & SIZE OF CABLE	UNIT	COST OF CABLE (Rs.)	COST OF TILES (Rs.)	COST OF CABLE & TILES (Rs.)	PETTY STORES @5% (Rs.)	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
11 kV 630 mm <sup>2</sup> 1-CORE Cu XLPE	Ckt. Mtr.	₹ 26,139	₹ 48	₹ 26,187	₹ 1,309	₹ 27,496	₹ 2,076
11 kV 300 mm <sup>2</sup> 3-CORE Al XLPE	Mtr.	₹ 2,080	₹ 48	₹ 2,128	₹ 106	₹ 2,234	₹ 2,055
MV 400 mm <sup>2</sup> Al 4 CORE XLPE	Mtr.	₹ 1,830	₹ 21	₹ 1,851	₹ 93	₹ 1,944	₹ 1,540
MV 240 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 1,047	₹ 21	₹ 1,068	₹ 53	₹ 1,121	₹ 1,540
MV 70 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 340	₹ 21	₹ 361	₹ 18	₹ 379	₹ 1,540
MV 25 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 180	₹ 21	₹ 201	₹ 10	₹ 211	₹ 1,540
48 FIBRE OFC (ARMOURED)	Mtr.	₹ 99	₹ 65	₹ 164	₹ 8	₹ 172	₹ 2,055

**COST SCHEDULE FOR CONSUMER CONTRIBUTION**

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
<b>6 KV / 11 kV CABLING :</b>			
630 mm <sup>2</sup> Cu 1-CORE XLPE	Ckt. Mtr.	₹ 27,496	₹ 2,076
300 mm <sup>2</sup> Al 3-CORE XLPE	Mtr.	₹ 2,234	₹ 2,055
300 mm <sup>2</sup> Al 3-CORE XLPE BY MICRO TUNNELLING	Mtr.	₹ 2,234	₹ 1,733
<b>1.1 kV CABLING :</b>			
400 mm <sup>2</sup> Al 4 CORE XLPE	Mtr.	₹ 1,944	₹ 1,540
240 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 1,121	₹ 1,540
70 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 379	₹ 1,540
25 mm <sup>2</sup> Al 3 1/2 CORE PVC	Mtr.	₹ 211	₹ 1,540
<b>OF CABLING :</b>			
48 FIBRE OPTICAL FIBRE CABLE (ARMOURED)	Mtr.	₹ 172	₹ 2,055
<b>SWITCHGEAR INSTALLATION (6 KV / 11 KV) :</b>			
CONSUMERS' MODULE (SF6)	No.	₹ 7,18,911	₹ 2,45,788
CONSUMERS' MODULE (SF6) - MOTORISED	No.	₹ 9,43,889	₹ 2,45,788
SF6 RMU (3 ISOLATOR & 1 CB UNIT): OUTDOOR MODIFIED (MOTORISED)	No.	₹ 8,62,320	₹ 1,84,341
<b>PIPE LAYING (INCLUDING MATERIAL COST) :</b>			
HDPE PIPE (400 MM DIA)	Mtr.	₹ 5,012	₹ 2,458
HDPE PIPE (315 MM DIA)	Mtr.	₹ 2,373	₹ 2,458
HDPE PIPE (160 MM DIA)	Mtr.	₹ 742	₹ 2,458
HDPE PIPE (110 MM DIA)	Mtr.	₹ 472	₹ 2,458
DWC PIPE (160 MM DIA) WITH SOCKET	Mtr.	₹ 305	₹ 2,458
DWC PIPE (63 MM DIA) WITH SOCKET	Mtr.	₹ 48	₹ 2,458

**COST SCHEDULE FOR CONSUMER CONTRIBUTION**

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
<b>6 KV / 11 KV JOINTING :</b>			
ST THROUGH JOINT (PILC - XLPE TRANSITION): HT	No.	₹ 22,565	₹ 26,458
ST THROUGH JOINT: HT	No.	₹ 13,313	₹ 26,458
TERMINATION (HEAT SHRINK - SC OUTDOOR): HT	Set	₹ 6,687	₹ 26,458
TERMINATION (HEAT SHRINK - SC INDOOR): HT	Set	₹ 12,458	₹ 26,458
TERMINATION (HEAT SHRINK - 3C OUTDOOR): HT	No.	₹ 2,655	₹ 26,458
TERMINATION (HEAT SHRINK - 3C INDOOR): HT	No.	₹ 2,597	₹ 26,458
<b>OF CABLE &amp; LT JOINTING :</b>			
ST THROUGH JOINT: OPTICAL FIBRE CABLE	No.	₹ 3,540	₹ 37,282
ST THROUGH JOINT/ TEE JOINT: MULTICORE/ LT	No.	₹ 1,461	₹ 8,287
TERMINATION: OPTICAL FIBRE CABLE	No.	₹ 3,540	₹ 37,282
TERMINATION: MULTICORE/ LT	No.	₹ 1,120	₹ 8,287
<b>DISTRIBUTION TRANSFORMER INSTALLATION :</b>			
OUTDOOR TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 12,69,753	₹ 2,86,331
OUTDOOR TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 18,73,134	₹ 2,86,331
OUTDOOR TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 20,93,794	₹ 2,86,331
POLE MOUNTED TRANSFORMER (400 KVA OIL COOLED)	No.	₹ 13,91,999	₹ 1,20,848
POLE MOUNTED TRANSFORMER (400 KVA DRY TYPE)	No.	₹ 19,95,380	₹ 1,20,848
POLE MOUNTED TRANSFORMER (500 KVA DRY TYPE)	No.	₹ 22,16,040	₹ 1,20,848
TRANSFORMER HOUSE (400 KVA OIL COOLED)	No.	₹ 12,85,188	₹ 86,331
TRANSFORMER HOUSE (400 KVA DRY TYPE)	No.	₹ 18,88,569	₹ 86,331
TRANSFORMER HOUSE (500 KVA DRY TYPE)	No.	₹ 21,09,229	₹ 86,331
PACKAGED SUBSTATION (990 KVA DRY TYPE)	No.	₹ 38,55,921	₹ 3,07,460

### COST SCHEDULE FOR CONSUMER CONTRIBUTION

ITEM	UNIT	MATERIAL COST (Rs.)	LABOUR CHARGES (Rs.)
<b>PILLAR BOX JOB:</b>			
ERECTION OF MODIFIED 8 WAY PILLAR BOX	No.	₹ 1,56,940	₹ 34,236
ERECTION OF MODIFIED 6 WAY PILLAR BOX	No.	₹ 1,25,670	₹ 34,236
ERECTION OF MODIFIED 4 WAY PILLAR BOX	No.	₹ 88,500	₹ 34,236
ERECTION OF MODIFIED 2 WAY PILLAR BOX	No.	₹ 49,560	₹ 34,236
SHIFTING OF PILLAR BOX	No.	₹ -	₹ 48,031
REMOVAL OF PILLAR BOX	No.	₹ -	₹ 14,474
<b>MV OH POLE JOB:</b>			
ERECTION OF MV OH POLE	No.	₹ 16,079	₹ 20,469
SHIFTING OF MV OH POLE	No.	₹ -	₹ 23,552
REMOVAL OF MV OH POLE	No.	₹ -	₹ 21,285

Cost Schedule for 2023-24 has been prepared and published in terms of Regulation 11 of West Bengal Electricity Regulatory Commission (Recovery of Expenditure for Providing New Connections) Regulations, 2013. Other Charges like Supervision Charges, Road Restoration Charges, Transport Charges etc. are as applicable.

Date - 15.02.2024