

## Schedule B

### Schedule B for HT-LT-TC-UG Erection & Maintenance Work

Ref: DGCS/0693/02/2025 Approved Date: 12-02-2025

| Sr. No.  | Item Code  | Item   | Unit | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|--|------------|--|------|---------------------------|-----|--------|
| CAPITAL WORK LABOUR RATES FOR FY 2024-25 (WITHOUT GST) |            |  |      |                           |     |        |
| 1  | 9926000001 | HT TAPPING FROM THE EXISTING POLE INCLUDING FIXING OF CROSS ARMS, CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS AND NUMBERING COMPLETE WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.   | No.  | 481                       |     |        |
| 2  | 9926000002 | ERECTION OF PSC POLES OF 8 *200 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.  | No.  | 1163                      |     |        |
| 3  | 9926000003 | ERECTION OF STEEL POLES OF 9 TO 11 METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLE, FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.  | No.  | 1949                      |     |        |
| 4  | 9926000004 | ERECTION OF STEEL POLE OF 13 METERS FOR RAILWAY CROSSING ON BG/MG/NG LINE FOR 0.400/11/22KV OVERHEAD LINES I.E INCLUDING EXCAVATION OF PIT & REFILLING OF EARTH, FIXING CROSS ARMS, TOP FITTING CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARD, INSULATOR SETC. COMPLETE AND PAINTING OF STEEL POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. | No.  | 2325                      |     |        |
| 5  | 9926000005 | ERECTION OF DOUBLE POLE STRUCTURE OF 8 METERS 200 KG PSC POLES INCLUDING EXCAVATION OF PITS & REFILLING OF EARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING (WITHOUT AB SWITCH)                              | No.  | 2644                      |     |        |



| Sr. No. | Item Code  | Item   | Unit | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|--|------|---------------------------|-----|--------|
| 6       | 9926000006 | ERECTION OF DOUBLE POLE STRUCTURE OF 9 TO 11 METERS. STEEL POLE INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS ETC. COMPLETE & PAINTING OF POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. (WITHOUT AB SWITCH)   | No.  | 3821                      |     |        |
| 7       | 9926000007 | ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES OF 8 MTRS 200 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS, DO FUSES ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. (WITH AB SWITCH)  | No.  | 3179                      |     |        |
| 8       | 9926000008 | ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES, 9 TO 11 METERS STEEL POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNEL, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS, ETC. COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. (WITH AB SWITCH)   | No.  | 4171                      |     |        |
| 9       | 9926000009 | ERECTION OF DOUBLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX OF 8 METER, 200KG PSC POLE METERS POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMS CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. | No.  | 9074                      |     |        |
| 10      | 9926000010 | ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX 9 TO 11 METERS STEEL POLES INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORE TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACING, CROSS ARMS, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTIONS OF GUY SETS AND EARTHING.                              | No.  | 10609                     |     |        |



| Sr. No. | Item Code  | Item  | Unit            | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|---|-----------------|---------------------------|-----|--------|
| 11      | 9926000011 | ERECTION OF GUY SET INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH AS PER STANDARD SPECIFICATION WITH STAY CLAMPS, STAY WIRE, ANCHOR ROD, TURN BUCKLE, EYEBOLT, GUY INSULATOR, CEMENT CONCRETE BLOCK ETC. BUT EXCLUDING CONCRETING.  | No.             | 561                       |     |        |
| 12      | 9926000012 | CONCRETING OF POLES, GUYS, ETC. INCLUDING COST OF CEMENT SAND METAL (1:2:4) AND WATER ETC. AS PER STANDARD SPECIFICATION. (cement should be 53 grade) used for Concreting.  | CMT             | 8396                      |     |        |
| 13      | 9926000013 | ERECTION OF COIL TYPE EARTHING INCLUDING COST OF COAL, SALT ETC. BUT WITHOUT COST OF GI WIRE AS PER STANDARD SPECIFICATION (20kg salt + 20kg coal)  | No.             | 605                       |     |        |
| 14      | 9926000014 | ERECTION OF GI PIPE/CI PLATE TYPE EARTHING INCLUDING COST OF COAL SALT ETC. BUT WITHOUT COST OF PIPE/GI PLATE GI WIRE AS PER STANDARD SPECIFICATION. (20kg salt + 20kg coal)  | No.             | 781                       |     |        |
| 15      | 9926000015 | ERECTION OF STREET LIGHT FIXTURE COMPLETE WITH CLAMPS, BRASS NIPPLE, BRASS HOLDER TECK WOOD BUSH, REFLECTORS FUSE, WIRING ETC. AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.   | No.             | 359                       |     |        |
| 16      | 9926000016 | STRINGING OF (30mm <sup>2</sup> ) ACSR/34MM@.55MM <sup>2</sup> AAA CONDUCTOR for ALL TYPE OF CONDUCTOR (EXCEPT DOG CONDUCTOR) FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.   | ONE COND PER KM | 2111                      |     |        |
| 17      | 9926000017 | STRINGING OF GI WIRE 8 SWG INCLUDING BINDING JUMPERING ETC.   | DO              | 1183                      |     |        |
| 18      | 9926000018 | PROVIDING SINGLE PHASE SERVICE CONNECTION WITH PVC 2.5/4MM <sup>2</sup> TWIN CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.   | No.             | 397                       |     |        |
| 19      | 9926000019 | PROVIDING THREE PHASE 4 WIRE SERVICE CONNECTION WITH PVC 4MM <sup>2</sup> /10MM <sup>2</sup> FOUR CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.                      | No.             | 546                       |     |        |
| 20      | 9926000020 | ADDITIONAL COST FOR EXCAVATION OF PIT IN HARD ROCK AREA FOR ERECTION OF POLE/ GUY ETC. AS PER STANDARD SPECIFICATION OVER & ABOVE NORMAL COST COVERED AGAINST EXCAVATION OF PIT UNDER NORMAL SOIL FOR ERECTION OF POLE, GUY, DOUBLE POLE STRUCTURE EARTHING WITH THE APPROVAL OF SUPDT. ENGINEER. | No.             | 359                       |     |        |
| 21      | 9926000021 | PROVIDING GUARDING TO HT LINE ON ROAD/ RAIL CROSSING.   | MTR             | 70                        |     |        |
| 22      | 9926000022 | PROVIDING GUARDING OF LT LINES ON ROAD/RAIL CROSSING.   | MTR             | 70                        |     |        |
| 23      | 9926000023 | LT LINE TAPPING- SINGLE PHASE   | No.             | 51                        |     |        |
| 24      | 9926000024 | LT LINE TAPPING- THREE PHASE  | No.             | 93                        |     |        |
| 25      | 9926000025 | Stringing/LAYING OF OVER HEAD LT CABLE FOR ROAD CROSSING, HT LINE CROSSING AND TELEPHONE LINE CROSSING ETC. (PER SPAN)  | No.             | 263                       |     |        |



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|---------|------------|---|-----------------|---------------------------|-----|--------|
| 26      | 9926000026 | ERECTION OF SINGLE POLE STRUCTURES WITH , HGFUSES, TRANSFORMERS, LIGHTENING ARRESTOR, DISTRIBUTION BOX. ON 8METERS 200 KGAND PSC POLE INCLUDING EXCAVATION OF PITS ANDREFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMSCLAMPS, ANTICLIMBING DEVICES DANGER BOARDS, CONDUCTOR ANDCABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALSUSED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.                     | No.             | 4537                      |     |        |
| 27      | 9926000027 | ERECTION OF SINGLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH , HG FUSES, TRANSFORMERS, LIGHTENING ARRESTOR, DISTRIBUTION BOX. ON 9 to 11 METERS RSJ POLE INCLUDING EXCAVATION OF PITS ANDREFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMSCLAMPS, ANTICLIMBING DEVICES DANGER BOARDS, CONDUCTOR ANDCABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALSUSED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. | No.             | 5305                      |     |        |
| 28      | 9926000028 | ERECTION OF PSC POLES OF 10 *270 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.  | No.             | 2666                      |     |        |
| 29      | 9926000029 | ERECTION OF DOUBLE POLE STRUCTURE OF 10 METERS 270 KG PSC POLES INCLUDING EXCAVATION OF PITS & REFILLING OF EARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. (WITHOUT AB SWITCH)   | No.             | 5658                      |     |        |
| 30      | 9926000030 | STRINGING OF 100MM2 ACSR/100MM2 AAAC CONDUCTOR FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.  | ONE COND PER KM | 4861                      |     |        |
| 31      | 9926000031 | STRINGING OF DOG CONDUCTOR FOR 11/22KV & HT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.  | ONE COND PER KM | 4378                      |     |        |



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|---------|------------|--|------|---------------------------|-----|--------|
| 32      | 9926000032 | ERECTION OF DOUBLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX OF 10 METERS 270 KG AND PSC POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMS CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. | No.  | 10662                     |     |        |
| 33      | 9926000033 | DISMANTLING OF 8 MTR PSC POLE WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE   | No.  | 678                       |     |        |
| 34      | 9926000034 | DISMANTLING OF 10 MTR PSC POLE WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE  | No.  | 1350                      |     |        |
| 35      | 9926000035 | DISMANTLING OF TRANSFORMER CENTRE (8 MTR PSC POLE) (WITH TRANSFORMER) WITH CREDITING OF FABRICATION & TRANSFORMER AT STORE & STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE   | No.  | 3975                      |     |        |
| 36      | 9926000036 | DISMANTLING OF TRANSFORMER CENTRE (8 MTR PSC POLE) (WITHOUT TRANSFORMER) WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE  | No.  | 2701                      |     |        |
| 37      | 9926000037 | STRINGING OF LT ABC OF 1*35 SQ MM + 1*25 SQ MM INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, LT SHACKLE INSULATOR ETC. FOR FIXING OF MESSENGER WIRE AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE.  | KM   | 7046                      |     |        |
| 38      | 9926000038 | STRINGING OF LT ABC OF 3*50 SQ MM + 1*25 SQ MM + 1*35 SQ MM INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, LT SHACKLE INSULATOR ETC. FOR FIXING OF MESSENGER WIRE AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE.   | KM   | 12330                     |     |        |
| 39      | 9926000039 | STRINGING OF 11KV ABC OF 3*95 SQ MM + 80 SQ MM INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, BINDING TO PIN INSULATOR, PREPARING SHACKLE POINT, JUMPERS ETC. AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE  | KM   | 45107                     |     |        |



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|---------|------------|---|-----------------|---------------------------|-----|--------|
| 40      | 9926000040 | STRINGING OF 22 KV ABC OF 3*70 SQ MM +95 SQ MM INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, BINDING TO PIN INSULATOR, PREPARING SHACKLE POINT, JUMPERS ETC. AS REQUIRED AND DIRECTED BY ENGINEER INCHARGE  | KM              | 51287                     |     |        |
| 41      | 9926000041 | STRINGING OF LT ABC OF 2*50 SQ MM +1*25 SQ MM+ 35 SQ MM INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, LT SHACKLE INSULATOR ETC. FOR FIXING OF MESSENGER WIRE AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER INCHARGE. | KM              | 9863                      |     |        |
| 42      | 9926000042 | DISMENTALING OF RSJ (9/11 METER) POLE AND CREDITING THE OLD MATERIAL TO STORE   | No.             | 913                       |     |        |
| 43      | 9926000043 | DISMENTALING OF TRANSFORMER CENTER ON 10MTR, 270KG PSC POLE (WITHOUT TRANSFORMER) WITH CREDITING OF FABRICATION AT STORE AND STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE  | No.             | 2828                      |     |        |
| 44      | 9926000044 | DISMENTALING OF TRANSFORMER CENTER ON 10MTR, 270KG PSC POLE (WITH TRANSFORMER) WITH CREDITING OF FABRICATION AT STORE AND STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE   | No.             | 5332                      |     |        |
| 45      | 9926000045 | DISMENTLING OF 11KV ABC OF 3*95 SQ MM +80 SQ MM AND CREDITING FITTING OF ALL ACCESSORIES AND FABRICATION TO DEPARTMENTAL STORE  | KM              | 20515                     |     |        |
| 46      | 9926000046 | DISMENTLING OF 22 KV ABC OF 3*70 SQ MM +95 SQ MM AND CREDITING FITTING OF ALL ACCESSORIES AND FABRICATION TO DEPARTMENTAL STORE   | KM              | 25643                     |     |        |
| 47      | 9926000047 | DISMENTALING OF LT ABC OF 1*35 SQ MM + 1*25 SQ MM AND CREDITING FITTING OF ALL ACCESSORIES TO DEPARTMENTAL STORE.   | KM              | 3523                      |     |        |
| 48      | 9926000048 | DISMENTALING OF LT ABC OF 3*50 SQ MM +1*25 SQ MM+1*35 SQ MM AND CREDITING FITTING OF ALL ACCESSORIES TO DEPARTMENTAL STORE.   | KM              | 6166                      |     |        |
| 49      | 9926000049 | DISMENTALING OF LT ABC OF 2*50 SQ MM +1*25 SQ MM+ 35 SQ MM AND CREDITING FITTING OF ALL ACCESSORIES TO DEPARTMENTAL STORE.  | KM              | 4930                      |     |        |
| 50      | 9926000050 | RESTRINGING OF ALL TYPE OF CONDUCTOR (EXCEPT DOG CONDUCTOR) FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.   | ONE COND PER KM | 1377                      |     |        |
| 51      | 9926000051 | RESTRINGING OF DOG CONDUCTOR FOR 11/22KV HT LINES INCLUDING , BINDING JUMPERING ETC.  | ONE COND PER KM | 3129                      |     |        |
| 52      | 9926000052 | LABOUR CHARGE FOR THE INSTALLATION OF NEW DTR METER. (METER WILL BE PROVIDED BY DGVCL)  | No.             | 355                       |     |        |
| 53      | 9926000053 | LABOUR CHARGE FOR THE REPLACEMENT OF DTR METER AND OLD METERS SHOULD BE CREDITED TO SDN STORE. (METER WILL BE PROVIDED BY DGVCL)  | No.             | 531                       |     |        |
| 54      | 9926000054 | LABOUR CHARGE FOR PROVIDING CT COIL FOR DTR METER CONNECTION. (CT COIL WILL BE PROVIDED BY DGVCL)   | PER CT          | 85                        |     |        |



| Sr. No. | Item Code  | Item  | Unit            | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|---|-----------------|---------------------------|-----|--------|
| 55      | 9926000055 | LABOUR CHARGE FOR REPLACEMENT OF CT COIL FOR DTR METER CONNECTION AND OLD CT SHOULD BE CREDITED TO SDN STORE. (CT COIL WILL BE PROVIDED BY DGVCL)   | PER CT          | 126                       |     |        |
| 56      | 9926000056 | LABOUR CHARGE FOR FIXING OF MMB FOR DTR METER (MMB WILL BE PROVIDED BY DGVCL)   | No.             | 128                       |     |        |
| 57      | 9926000057 | LABOUR CHARGE FOR REPLACEMENT OF DTR METER BOX. (METER WILL BE PROVIDED BY DGVCL)   | No.             | 1820                      |     |        |
| 58      | 9926000058 | PROVIDING / REPLACEMENT OF 1.5 SQ MM 10 CORE COPPER CABLE 3.5 METER (CABLE TO BE PROVIDED BY AGENCY)  | No.             | 1840                      |     |        |
| 59      | 9926000059 | LABOUR CHARGE FOR PROVIDING/RECONNECTION OF TERMINAL CONNECTION WITH PROPER SIZE OF LUGS. (LUGS COST IS BORNE BY AGENCY)  | PER TERMINATION | 15                        |     |        |
| 60      | 9926000060 | LABOUR CHARGE FOR THE SPOT READING OF DTR METER WITH DETAILED SURVEY OF DEFECT IF ANY. A DULY SIGN COPY BY SURVEYOR PERSON OF AGENCY IN PRO-FORMA REPORT SHOULD BE SUBMITTED TO SDN OFFICE. (*ONLY IF ALL PARAMETER OF VOLTAGE, CURRENT & LOAD AS SHOWN IN PRO-FORMA IS FILLED) AS PER THE INSTRUCTION OF ENGINEER IN-CHARGE. | PER DTR         | 60                        |     |        |
| 61      | 9926000061 | LABOUR CHARGE FOR THE SPOT READING OF DTR METER WITH DETAILED SURVEY OF DEFECT IF ANY. A DULY SIGN COPY BY SURVEYOR PERSON OF AGENCY IN PRO-FORMA REPORT SHOULD BE SUBMITTED TO SDN OFFICE. (DULY FILL PRO-FORMA IN FAULT CONDITION IN WHICH READING PARAMETER IS NOT SHOWN IN METER)   | PER DTR         | 30                        |     |        |
| 62      | 9926000062 | INSTALLATION OF DTR METER INCLUDING METER BOX, PROVIDING & FIXING OF 1.5 SQ MM SINGLE STRAND 10 CORE ARMoured COPPER CABLE (3.5 METER), TERMINATION IN METER & COIL ETC. (METER, METER BOX, C.T./P.T. COIL WILL BE PROVIDED BY DGVCL)   | No.             | 2726                      |     |        |
| 63      | 9926000063 | INSTALLATION OF DTR METER INCLUDING METER BOX, TERMINATION IN METER & COIL ETC. (WITHOUT 10 CORE COPPER CABLE) (METER, METER BOX, C.T./P.T. COIL WILL BE PROVIDED BY DGVCL)   | No.             | 886                       |     |        |
| 64      | 9926000064 | Binding of messenger Conductor at with a distance not more than 0.75 mtr with 6 turns minimum on XLPE Cable with single strand binding wire (including cost of binding wire)  | No              | 6                         |     |        |
| 65      | 9926000086 | Supply and Installation of 11/22 kV Distribution Transformers HT Terminal protector (UV Resistance) with using 95/120/150 sq.mm long barrel aluminum lug. (1 Set = 3 Nos i.e. on R, Y, B)   | PER SET         | 1700                      |     |        |
| 66      | 9926000087 | Supply & Installation of HT EPR Tap on 11/22 kV Distribution Transformer with replacement of bare conductor by HT ABC conductor (DO bottom side to transformer) after removal of semi conductor by HT ABC (6 inch both side). HT ABC to be supplied by DGVCL. (1 Set = 3 Nos i.e. on R, Y, B)                                 | PER SET         | 1800                      |     |        |
| 67      | 9926000088 | Supply, Installation, Testing and Commissioning of Maintenance Free, Ready Capsule, Pipe-In-Cage (Pic) Type, Earth Electrodes for HT Feeder Pole Having 2000mm Electrode Length as per the Tender Specifications and Drawing. (All Materials Will Be Supplied By Agency)  | NO              | 4150                      |     |        |
| 68      | 9926000089 | Supply, Installation, Testing and Commissioning of Maintenance Free, Ready Capsule, Pipe-In-Cage (Pic) Type, Earth Electrodes for HT Feeder Pole Having 3000mm Electrode Length as per the Tender Specifications And Drawing. (All Materials Will Be Supplied By Agency)  | NO              | 5450                      |     |        |



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|----------------------|------------|--|----------|---------------------------|-----|--------|
| 69                   | 9926000090 | Supply and Installation of 25 X 3 mm GI Strip having hot dip-galvanized-zinc coating of 80-100 microns without any joints or welding. Both the end of the GI strip should be connected with GI nut bolts and required fabrication work for giving separate earthing connections to (1) Neutral of the transformer (2) MS structures of the transformer center (Approximately 25 meter GI strip per transformer centre - as per requirement and instruction of Engineer in-charge) (All Materials will be supplied by Agency) | Meter    | 45                        |     |        |
| 70                   | 9926000092 | Supply and Installation of uPVC standard make Pipe of 1.25" diameter for covering GI strip with UV protected Cable Ties of 550 X 7.6 mm size to bind with pole face (Approximately 25 meter uPVC pipe for GI strip covering per transformer centre - as per requirement and instruction of Engineer in-charge).  | Meter    | 85                        |     |        |
| 71                   | 9926000093 | Supply & fixing of upto 33 kV Conductor sleeve for Busbar to Drop out Fuse and Dropout fuse to Transformer H.T. including Busbar (12 mm sleeve) as per technical specification. (All Materials will be supplied by Agency)   | Per TC   | 5600                      |     |        |
| 72                   | 9926000100 | Supply & fixing of upto 33 kV Conductor sleeve for Busbar to Drop out Fuse and Dropout fuse to Transformer H.T. without Busbar (12 mm sleeve) as per technical specification. (All Materials will be supplied by Agency)   | Per TC   | 2880                      |     |        |
| 73                   | 9926000094 | Supply & fixing of upto 33 kV Conductor sleeve for Busbar to Drop out Fuse and Dropout fuse to Transformer H.T. including Busbar (15 mm sleeve) as per technical specification. (All Materials will be supplied by Agency)   | Per TC   | 6050                      |     |        |
| 74                   | 9926000101 | Supply & fixing of upto 33 kV Conductor sleeve for Busbar to Drop out Fuse and Dropout fuse to Transformer H.T. without Busbar (15 mm sleeve) as per technical specification. (All Materials will be supplied by Agency)   | Per TC   | 3090                      |     |        |
| 75                   | 9926000095 | Supply & fixing of Disc type Red Color FRP (Non-flammable) material with Weather resistant, Non-conductive bird guard OD=300 MM, ID=33 MM, Width =1.25 MM, one side cut from ID to OD. (All Materials will be supplied by Agency)  | NO       | 80                        |     |        |
| 76                   | 9926000096 | Providing and fixing of LT Terminal protectors i.e. Re-useable boot (LT Side 1.1 kV) including LT (1.1 kV) insulating taps. All live part at LT side shall be covered with fixing of LT insulating taps.   | No       | 900                       |     |        |
| 77                   | 0          | Nylon Net around Transformer Center  | 0        | 0                         |     |        |
| 77.1                 | 9926000097 | Nylon Net (12 * 15 ft)   | Per Net  | 850                       |     |        |
| 77.2                 | 9926000098 | Nylon Dori   | Per TC   | 200                       |     |        |
| 77.3                 | 9926000099 | Labour charge for fitting Nylon Net (All fabricated material for fitting nylon net shall be provided by DGVCL)   | Per TC   | 5000                      |     |        |
| (A) LINE MAINTENANCE |            |  |          |                           |     |        |
| 1                    | 9924000001 | Cutting of Tree branches surrounding HT/LT line  | Per Tree | 57.00                     |     |        |
| 2                    | 9924000002 | Replacement of old jumpers & providing new double jumpers with 8" binding [D Type] & capsuling with PVC pipe etc   | No.      | 90.00                     |     |        |
| 3                    | 9924000005 | Support pole for Stay PSC/STP/RSJ  | No.      | 633.00                    |     |        |
| 4                    | 9924000006 | Pin binding of conductor 11/22kv Pin insulator   | No.      | 18.00                     |     |        |



| Sr. No. | Item Code  | Item   | Unit     | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|--|----------|---------------------------|-----|--------|
| 5       | 9924000007 | Pin binding of conductor 11/22kv Pin insulator per pole in costle area with cleaning .                                       | No.      | 41.00                     |     |        |
| 6       | 9924000008 | Pin binding of conductor LT shakel insulator   | No.      | 14.00                     |     |        |
| 7       | 9924000009 | Replacement of one/both disc.insulator at strain pole  | No.      | 161.00                    |     |        |
| 8       | 9924000010 | Replacement of LT shackle insulator at cut point   | No.      | 31.00                     |     |        |
| 9       | 9924000011 | Refixing of V cross Arm  | No.      | 61.00                     |     |        |
| 10      | 9924000012 | Replacement of V cross Arm (With Transportation & Painting)  | No.      | 210.00                    |     |        |
| 11      | 9924000013 | Refixing of Top fitting in proper position   | No.      | 41.00                     |     |        |
| 12      | 9924000014 | Replacement of Top fitting   | No.      | 51.00                     |     |        |
| 13      | 9924000015 | Replacement of LT cross Arm  | No.      | 105.00                    |     |        |
| 14      | 9924000016 | Providing DO fuse on DP with carting & jumpuring(ONE DO FUSE)  | No.      | 243.00                    |     |        |
| 15      | 9924000017 | Numburing of pole with paint by preparing back ground of one colour and have lettering(height 3" * width 0.5") using stensil | No.      | 46.00                     |     |        |
| 16      | 9924000018 | Fixing of MMB(1PH.) at consumer end  | No.      | 86.00                     |     |        |
| 17      | 9924000019 | Fixing of MMB(3PH.) at consumer end  | No.      | 128.00                    |     |        |
| 18      | 9924000020 | Replacement of (1ph.) meter for Urban area   | No.      | 51.00                     |     |        |
| 19      | 9924000021 | Replacement of (1ph.) meter for Rural area   | No.      | 74.00                     |     |        |
| 20      | 9924000022 | painting consumer no. on MMB (Urban) (with letter size height 40mm* width 8mm)   | No.      | 11.00                     |     |        |
| 21      | 9924000023 | painting consumer no. on MMB (Rural) (with letter size height 40mm* width 8mm)   | No.      | 19.00                     |     |        |
| 22      | 9924000024 | Replacement of deteriorated Single phase Service line  | No.      | 93.00                     |     |        |
| 23      | 9924000025 | Fixing of new dist. Box with complete wiring including clamps,nut bolts etc.   | No.      | 816.00                    |     |        |
| 24      | 9924000026 | Reparing of guarding involving reshaping of bearer wire cross lacing binding etc.  | R Mtr.   | 25.00                     |     |        |
| 25      | 9924000027 | Painting of steel fabricated material of RSJ DO DP structure with paint  | No.      | 2406.00                   |     |        |
| 26      | 9924000028 | Painting of steel fabricated material of RSJ pole mounted transformer double pole structure with paint                       | No.      | 3748.00                   |     |        |
| 27      | 9924000029 | Painting of steel fabricated material of RSJ single pole with paint  | No.      | 902.00                    |     |        |
| 28      | 9924000030 | painting of steel fabricated material of PSC Single pole (HT line) with paint  | No.      | 135.00                    |     |        |
| 29      | 9924000031 | painting of steel fabricated material of PSC DO DP double pole with paint  | No.      | 362.00                    |     |        |
| 30      | 9924000032 | painting of steel fabricated material of PSC double pole at pole mounted transformer with paint                              | No.      | 723.00                    |     |        |
| 31      | 9924000033 | Providing line seperater single phase  | No.      | 11.00                     |     |        |
| 32      | 9924000034 | Providing line seperater three phase   | No.      | 31.00                     |     |        |
| 33      | 9924000035 | Replacement / Providing of stay insulator along with adjustment of tension in stay wire                                      | No.      | 276.00                    |     |        |
| 34      | 9924000036 | Replacement of deteriorated /providing LT dist. Box with new up to 100KVA capacity & crediting it to store.                  | No.      | 1061.00                   |     |        |
| 35      | 9924000037 | Replacement of deteriorated /providing LT dist. Box with new above 100KVA capacity & crediting it to store.                  | No.      | 2084.00                   |     |        |
| 36      | 9924000038 | Adjustment of tension in stay wire   | No.      | 158.00                    |     |        |
| 37      | 9924000039 | Refitting of LA  | No.      | 31.00                     |     |        |
| 38      | 9924000040 | Converting pin point to Shackle point including dismentaling & restringing etc.  | location | 2232.00                   |     |        |
| 39      | 9924000041 | replacement of 11KV Pin insulator with providing new double pin binding  | No.      | 60.00                     |     |        |
| 40      | 9924000042 | replacement of 22KV Pin insulator by new 11kv pin insulator with spares & providing new double pin binding                   | No.      | 81.00                     |     |        |



| Sr. No.  | Item Code  | Item   | Unit      | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|--|------------|--|-----------|---------------------------|-----|--------|
| 41   | 9924000043 | Providing 11kv double disc insulators with binding & restringing   | No.       | 161.00                    |     |        |
| 42   | 9924000045 | Replacement of existing 11kv conductor (all size) with new double pin binding  | Cond/ KM  | 4354.00                   |     |        |
| 43   | 9924000046 | Plumbing of PSC Pole with straightening at pin point   | No.       | 287.00                    |     |        |
| 44   | 9924000047 | Plumbing of PSC Pole with straightening at tension point   | No.       | 373.00                    |     |        |
| 45   | 9924000048 | Plumbing of tilted DP structure (PSC/RSJ/STP) with refilling of stone Murrum etc.  | No.       | 816.00                    |     |        |
| 46   | 9924000049 | Providing new 11kv AB /GO switch with fabrication and insulated colour code jumper, binding, lugs etc  | Set       | 1290.00                   |     |        |
| 47   | 9924000051 | Replacement of old 11kv AB /GO switch with providing new insulated jumper, binding, lugs etc   | Set       | 1660.00                   |     |        |
| 48   | 9924000052 | Providing cage type loop guard in verticle LT line with using PVC reel insulators etc  | per pole  | 53.00                     |     |        |
| 49   | 9924000053 | Labour charges for replacement /providing of MMB & service with all accessories for three phase connection   | No.       | 644.00                    |     |        |
| 50   | 9924000054 | Labour charges for replacement /providing of MMB & service with all accessories for single phase connection  | No.       | 554.00                    |     |        |
| 51   | 9924000055 | Dismantalling of existing Dist.X'mer center(RSJ /STP POLE)- 25/63/100/200 KVA with all fabrication & creditig the old material to store  | No.       | 5528.00                   |     |        |
| 52   | 9924000056 | Disconnection from LT pole 1 phase   | No.       | 46.00                     |     |        |
| 53   | 9924000057 | Reconnection from LT pole 1 phase( payment after receipt of R/C charges)   | No.       | 46.00                     |     |        |
| 54   | 9924000058 | Disconnection from LT pole 3 phase   | No.       | 66.00                     |     |        |
| 55   | 9924000059 | Reconnection from LT pole 3 phase( payment after receipt of R/C charges)   | No.       | 66.00                     |     |        |
| 56   | 9924000060 | Dismantaling & removing of service line from pole & crediting to S/dn (1 ph.)  | No.       | 111.00                    |     |        |
| 57   | 9924000061 | Dismantaling & removing of service line from pole & crediting to S/dn (3 ph.)  | No.       | 205.00                    |     |        |
| 58   | 9924000062 | Reconnection of service line complete with PVC cable (1 Ph)  | No.       | 244.00                    |     |        |
| 59   | 9924000063 | Reconnection of service line complete with PVC cable (3 Ph)  | No.       | 328.00                    |     |        |
| 60   | 9924000064 | Providing spiral type earthing by G.I. NO 8(weight 2kg -5mtr in length) with salt and coal 10kg each, including pvc rigid pipe 20mm dia( 1.5mtr length) to pass exposed part of G.I. wire at consumer end with all materials, earth resistance should be less than 2 ohms  | No.       | 816.00                    |     |        |
| 61   | 9924000070 | Providing and fixing of signle core 1.5 sq mm single strand copper insulated cable with cable nail clip for spiral type earthing at consumer end. The end of G.I. no 8 is to be connected by connector with copper cable of which other end shall be connected to the earth terminal of meter box. This item shall be used in location where there is more distance between earth terminal and earthing terminal of meter. (All materials supplied by contractor)  | per meter | 30.00                     |     |        |
| <b>(C) REPLACEMENT OF BARE CONDUCTOR BY HT / LT AERIAL BUNCH CONDUCTOR</b> |            |  |           |                           |     |        |
| 91   | 9924000065 | Stringing of LT ABC of 1*35 SQ MM + 1*25 SQ MM including fitting of all accessories i.e. special design suspension / tension clamp, fixing of cross arm, LT shackle insulator etc. for fixing of messenger wire and inclusive of dismantling charge of existing bare conductor and crediting in to store & dismantling of service line from LT bare conductor and to provide service connection on Aerial Bunch Cable by insulated piercing connectors through service connection box complete as required & directed by Engineer in Charge. | KM        | 8922.00                   |     |        |



| Sr. No.                         | Item Code  | Item   | Unit | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------------------------------|------------|--|------|---------------------------|-----|--------|
| 92                              | 9924000066 | Stringing of LT ABC of 3*50 SQ MM +1*25 SQ MM+1*35 SQ MM including fitting of all accessories i.e. special design suspension / tension clamp, fixing of cross arm, LT shackle insulator etc. for fixing of messenger wire and inclusive of dismantling charge of existing bare conductor and crediting in to store & dismantling of service line from LT bare conductor and to provide service connection on Aerial Bunch Cable by insulated piercing connectors through service connection box complete as required & directed by Engineer in Charge. | KM   | 22303.00                  |     |        |
| 93                              | 9924000067 | Stringing of 11KV ABC of 3*95 SQ MM +80 SQ MM including fitting of all accessories i.e. special design suspension / tension clamp, fixing of cross arm, binding to pin insulator, preparing shackle point, jumpers etc. and inclusive of dismantling charge of existing bare conductor and crediting in to store complete as required & directed by Engineer in Charge   | KM   | 44608.00                  |     |        |
| 94                              | 9924000068 | Stringing of 22 KV ABC OF 3*70 SQ MM +95 SQ MM including fitting of all accessories i.e. special design suspension / tension clamp, fixing of cross arm, binding to pin insulator, preparing shackle point, jumpers etc. and inclusive of dismantling charge of existing bare conductor and crediting in to store complete as required & directed by Engineer in Charge  | KM   | 55019.00                  |     |        |
| 95                              | 9924000069 | Stringing of LT ABC of 2*50 SQ MM +1*25 SQ MM+ 35 SQ MM including fitting of all accessories i.e. special design suspension / tension clamp, fixing of cross arm, LT shackle insulator etc. for fixing of messenger wire and inclusive of dismantling charge of existing bare conductor and crediting in to store & dismantling of service line from LT bare conductor and to provide service connection on Aerial Bunch Cable by insulated piercing connectors through service connection box complete as required & directed by Engineer in Charge.  | KM   | 15613.00                  |     |        |
| <b>UNDER GROUND CABLE WORKS</b> |            |  |      |                           |     |        |

Ref: Letter No. DGCS/1411/01/2025 Approved Date: 27-01-2025

| Sr. No. | Item Code  | Item   | Unit  | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|--|-------|---------------------------|-----|--------|
| 1       | 9925000001 | Labour charge for excavation of cable <u>trench of 400mm width x 1200mm depth</u> , in any type of soil for laying of cable of size up to 240 mm2 (For <u>additional cable 200 mm additional</u> width shall be considered i.e. <u>half trench</u> length is to be considered) | Meter | 72                        |     |        |
| 2       | 9925000002 | Labour charge for excavation of cable trench of <u>600mm width x 1200mm depth</u> , in any type of soil for laying of cable of size up to 240 mm2 (For <u>additional cable 200 mm additional</u> width shall be considered i.e. <u>half trench</u> length is to be considered) | Meter | 109                       |     |        |
| 3       | 9925000003 | Labour charge for excavation of cable <u>trench of 400mm width x 1500mm depth</u> , in any type of soil for laying of cable of size up to 240 mm2 (For <u>additional cable 200 mm additional</u> width shall be considered i.e. <u>half trench</u> length is to be considered) | Meter | 91                        |     |        |



| Sr. No. | Item Code  | Item  | Unit  | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|---|-------|---------------------------|-----|--------|
| 4       | 9925000004 | Labour charge for <u>laying</u> of 11kV / 22 kV XLPE Cable of size up to 240 mm <sup>2</sup> & preparation of sand layer 100mm thick, in the cable trench & covering the cable with 150 mm dia (Inner). thickness 25 mm, 1.0 meter long RCC half round muffs and providing and fixing of 4inch width yellow colour polyethylene tape with printing "CAUTION ELECTRIC CABLE BELOW" at 0.75 m depth from ground surface after laying cable in trench. This will provide indication that electric cable is passing underground so as to protect cable from mechanical injuries, refilling the same, as per Instruction of Engineer in Charge (EIC).  | Meter | 171                       |     |        |
| 5       | 9925000005 | Labour charge for <u>horizontal drilling using Auger machine</u> without damage to surface road at max 2.0 mtrs depth & putting of 6.11 kg/cm <sup>2</sup> , class-4, Green color, 110mm O.D., 8.5mm thickness H.D.P.E. pipe confirms to IS 4984-1987(3rd revision) and BIS certification and laying of 11KV/22KV XLPE cable of size up to 240 mm <sup>2</sup> in HDPE pipe, as per Site Condition (excluding cost of pipe). The detail map obtained from HDD machine and excell sheet(hard and soft copy) indicating the respective depth and distance from adjacent landmark for each segment for <u>HDD</u> is must required to be submitted. <u>HDD</u> to be carried out at <u>depth 1.5 mtrs to 2.0 mtrs</u> as per site conditions and as per instruction of EIC.  | Meter | 860                       |     |        |
| 6       | 9925000006 | Labour charge for horizontal drilling manually without damage to surface road at max 2.0 mtrs depth & putting of 6.11 kg/cm <sup>2</sup> , class-4, Green color, 110mm O.D., 8.5mm thickness H.D.P.E. pipe confirms to IS 4984-1987(3rd revision) and BIS certification and laying of 11KV/22KV XLPE cable of size up to 240 mm <sup>2</sup> size, as per Site Condition (excluding cost of pipe). The detail map and excell sheet(hard and soft copy) indicating the respective depth and distance from adjacent landmark for each segment of cable to be submitted. <u>Drilling</u> to be carried out at <u>depth Minimum 1.2 mtrs to 2.0 mtrs</u> as per site conditions as per instruction of EIC.  | Meter | 615                       |     |        |
| 7       | 9925000007 | Supply of 6.11kg/cm <sup>2</sup> , class-4, Green color, 110mm O.D., 8.5 mm thickness <u>H.D.P.E. pipe</u> confirms to IS 4984 and BIS certification for laying of underground 11KV / 22KV XLPE cable up to 240 mm <sup>2</sup> size.   | Meter | 430                       |     |        |
| 8       | 9925000008 | Labour work for <u>RCC concreting</u> on disputed location and repairing of damage portion of road crossing for the work carried out for roads crossing as well as concreting & muffing of plocs including all materials (1:2:4)  | CMT   | 3189                      |     |        |
| 9       | 9925000009 | Providing & fixing concrete stone <u>route marker</u> of 300 mm width x 150 mm thick x 650 mm height embedded in earth at least 300 mm below & 350 mm above ground level respectively at distance approx 50 meters along the length of cable. The RCC concreting (1:2:4)(all necessary materials will be in bidder's scope) of route marker is to be carried out 300 mm width x 150 mm thick x 300 mm below ground level as per instruction of EIC. The route marker should be with name of company with approved yellow colour-DGVCL. The distance from marker to cable and cable depth with feeder name etc., marked with arrow sign is to be painted on it. The route marker is to be fixed at location near to any fixed permanent location (not necessary to fix exact on top of cable) as per instruction of EIC. | No.   | 446                       |     |        |



| Sr. No. | Item Code  | Item   | Unit    | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|--|---------|---------------------------|-----|--------|
| 10      | 9925000010 | <u>Erection of D.P. (double pole) structure using 9 / 11 Mtr. RSJ pole with cable connection arrangement along with fitting of necessary fabrication for 11KV cable including excavation of pit &amp; refilling of earth as per instruction of EIC. (Exclusive of concreting &amp; muffing of poles)</u>   | No.     | 2026                      |     |        |
| 11      | 9925000011 | <u>Erection of Single pole structure using 9 / 11 Mtr RSJ pole with cable connection arrangement along with fitting of necessary fabrication for 11KV/22 KV cable including excavation of pit &amp; refilling of earth as per instruction of EIC. (Exclusive of concreting &amp; muffing of poles)</u>   | No.     | 1047                      |     |        |
| 12      | 9925000012 | <u>Erection of D.P. (double pole) structure using 8.0 Mtr. PSC pole with cable connection arrangement along with fitting of necessary fabrication for 11KV cable including excavation of pit &amp; refilling of earth as per instruction of EIC. (Exclusive of concreting &amp; muffing of poles)</u>  | No.     | 1416                      |     |        |
| 13      | 9925000013 | <u>Erection of Single pole structure using 8.0 Mtr PSC pole with cable connection arrangement along with fitting of necessary fabrication for 11KV/22 KV cable including excavation of pit &amp; refilling of earth as per instruction of EIC. (Exclusive of concreting &amp; muffing of poles)</u>  | No.     | 613                       |     |        |
| 14      | 9925000014 | <u>Labour charge for erecting of 11kV / 22 kV XLPE cable of size up to 240 mm<sup>2</sup> on DP Structure with fixing of 02 Nos polymer cleats on top and middle part. Polymer cleats, nut bolts etc. fixing material to be provided by contractor.</u>  | Per Job | 591                       |     |        |
| 15      | 9925000015 | <u>Providing &amp; fixing of 6.11kg/cm<sup>2</sup>, class-4, Green color, 110mm O.D., 8.5mm thickness H.D.P.E. pipe conforms to IS 4984 and BIS certification on the erected DP structure for the mechanical protection of cable by inserting the cable inside HDPE pipe. The HDPE pipe shall be erected in such a way that 300mm shall be below the ground level and the rest 2700 mm shall be supported on the DP Structure with 01 No Polymer cleat. All materials including polymer cleat and Nut bolt to be provided by contractor.</u> | Per Job | 1461                      |     |        |
| 16      | 9925000016 | <u>Providing and fixing of pipe type earthing from 80 mm dia class-B GI pipe with pit to be filled with salt &amp; coke and construction of chamber as per DGVCL Drg. No. dg /100 for DP and cable. The earthing pit should be joined with cable by G.I. strip of size 1" width &amp; 2 mm thick. All material GI pipe, Coke, Salt etc will be supplied by bidder.</u>   | No.     | 3635                      |     |        |
| 17      | 9925000017 | <u>Supply &amp; fixing of heat shrink type end terminations (outdoor) for upto 11kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification</u>   | No.     | 3635                      |     |        |
| 18      | 9925000018 | <u>Supply &amp; fixing of heat &amp; shrinkable end terminations (outdoor) for upto 22 kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification)</u>  | No.     | 6231                      |     |        |
| 19      | 9925000019 | <u>Supply &amp; fixing of heat shrink type end terminations (indoor) for upto 11kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification)</u>   | No.     | 3635                      |     |        |
| 20      | 9925000020 | <u>Supply &amp; fixing of heat &amp; shrinkable end terminations (indoor) for upto 22 kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification</u>  | No.     | 6231                      |     |        |
| 21      | 9925000021 | <u>Supply &amp; fixing of heat shrinkable straight through joint for upto 11kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification.</u>   | No.     | 6774                      |     |        |
| 22      | 9925000022 | <u>Supply &amp; fixing of heat shrinkable straight through joint type for upto 22kV 3C x 185 mm<sup>2</sup> size XLPE cable as per DGVCL technical specification</u>   | No.     | 11590                     |     |        |



| Sr. No. | Item Code  | Item   | Unit | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|--|------|---------------------------|-----|--------|
| 23      | 9925000023 | Labour charge for <u>excavation of</u> 2100mm long x 1200mm wide x 1200 mm <u>deep joint pits</u> for installation of 11kV / 22kV Straight through joints as per instruction of engineer-in-charge & covering the cable with 150 mm dia (Outer), thickness 25 mm, 1.0 meter long RCC half round muffs & refilling same as per instruction of EIC .   | No.  | 399                       |     |        |
| 24      | 9925000024 | Providing and fixing of insulating <u>bus bar</u> , made from 11KV/22KV XLPE cable after removal of semi conducting layer and applying of PVC heat shrinkable anti-tracking core insulating tubing (1.1KV), <u>on both end terminal using Aluminium long barrel heavy duty up to 240 sq mm lugs</u> , Aluminium bus connector. Taping with PG- clamp for bus conductor as per drawing and as per instruction of EIC. The Alluminium lugs and PG clamp shall be covered with 11KV/22KV HT insulating tapes.(11KV/22KV XLPE <u>cable will be in scope of DGVCL</u> while all other materials will be in bidder's scope)  | No.  | 1661                      |     |        |
| 25      | 9925000025 | <u>Testing of cable</u> at various points and commissioning the feeder as per instruction of engineer-in-charge. Test result shall be submitted by contractor with bill.   | No.  | 2125                      |     |        |
| 26      | 9925000026 | Preparation and submission of <u>6 (six) copies</u> , of complete layout <u>drawings with GIS mapping</u> as per actual cable routing showing road crossing, HDPE pipe sleeving, jointing locations, markers etc.  | Set  | 2338                      |     |        |
| 27      | 9925000027 | Providing and fixing of <u>Sign Board</u> at junction point Made out of 2 mm aluminium <u>sheet size 750x300 mm (2.5 x 1ft) rectangle</u> , as per design, pre treated with phosphate process and acid etching coated with one coat of epoxy primer and two coats of best quality paints, reflectorised with Hi-Intensity retro – reflective sheeting as per the latest and frame fabricated from suitable size iron angle. The Sign Board is to be fixed on the base prepared from channel and bracing angles which is grouted by means of cement concreting of 1:2:4 for size of 300 mm dia x 800 mm height (500 mm to be grouted in ground). The details to be displayed on sign board will be given by In-charge Engineer.<br>(a) Hi intensity Micro prismatic Grade | No.  | 10023                     |     |        |
| 28      | 9925000028 | Providing and fixing of <u>Sign Board (Danger Board) on Distribution Transformer Centers</u><br>Made out of 2mm aluminium <u>sheet size 300x300mm (1x1ft)</u> as per design, pre treated with phosphate process and acid etching coated with one coat of epoxy primer and two coats of best quality paints, reflectorised with Hi-Intensity retro-reflective sheeting as per the latest and frame fabricated from suitable size iron angle. The Sign Board (Danger Board is to be fixed at the location as per instruction of In-charge Engineer.<br>(a) Hi intensity Micro prismatic Grade  | No.  | 2805                      |     |        |
| 29      | 9925000029 | Providing & fixing of <u>aluminium tag of size 250 mm (L) x 75 mm (W) from 3 mm aluminium sheet</u> along with 1.0 mm dia aluminium binding wire for fixing of aluminium tag near end termination joint <u>at DP structure for identifiyng the cable</u> . The details of feeder i.e. 11 / 22 KV with feeder name shound be punched on the tag by letter punch of size 16 mm as per instruction of In-charge Engineer.   | No.  | 83                        |     |        |
| 30      | 9925000030 | Supply & fixing of heat shrink type <u>end terminations (outdoor)</u> for <u>11kV 3C x 240 mm<sup>2</sup></u> size XLPE cable as per DGVCL technical specification   | No.  | 4427                      |     |        |



| Sr. No. | Item Code  | Item  | Unit | Rate for FY 2024-25 (Rs.) | Qty | Amount |
|---------|------------|---|------|---------------------------|-----|--------|
| 31      | 9925000031 | Supply & fixing of heat & shrinkable <u>end terminations (outdoor)</u> for <u>22 kV 3C x 240 mm<sup>2</sup></u> size XLPE cable as per DGVCL technical specification)   | No.  | 6231                      |     |        |
| 32      | 9925000032 | Supply & fixing of heat shrink type <u>end terminations (indoor)</u> for <u>11kV 3C x 240 mm<sup>2</sup></u> size XLPE cable as per DGVCL technical specification)  | No.  | 4338                      |     |        |
| 33      | 9925000033 | Supply & fixing of heat & shrinkable <u>end terminations (indoor)</u> for <u>22 kV 3C x 240 mm<sup>2</sup></u> size XLPE cable as per DGVCL technical specification   | No.  | 6231                      |     |        |
| 34      | 9925000034 | Supply & fixing of heat shrinkable <u>straight through joint</u> for <u>11kV 3C x 240 mm<sup>2</sup></u> size XLPE cables as per DGVCL technical specification.   | No.  | 6829                      |     |        |
| 35      | 9925000035 | Supply & fixing of heat shrinkable <u>straight through joint type</u> for <u>22kV 3C x 240 mm<sup>2</sup></u> size XLPE cable as per DGVCL technical specification  | No.  | 11590                     |     |        |
| 36      | 9925000038 | Installation, Testing and <u>commissioning of 11 KV,630 A SCADA Compatible, RRL type- 3 Way RMU</u> including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.                                   | No.  | 42000                     |     |        |
| 37      | 9925000039 | Installation, Testing and <u>commissioning of 11 KV,630 A SCADA Compatible, RRLL type- 4 Way RMU</u> including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.                                  | No.  | 42000                     |     |        |
| 38      | 9925000040 | Installation, Testing and <u>commissioning of 22KV,630 A SCADA Compatible, RRL type-3 Way, RMU</u> including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.                                    | No.  | 53000                     |     |        |
| 39      | 9925000041 | Installation, Testing and <u>commissioning of 22KV,630 A SCADA Compatible, RRLL type-4 Way, RMU</u> including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.                                   | No.  | 54500                     |     |        |
| 40      | 9925000042 | Construction of <u>plinth for 11KV, RRL type- 3 Way</u> (i.e Two numbers of Isolator & One number of Breaker) Ring Main Unit as per DGVCL's technical specification mentioned in drawing no: Drg. 11kv-01. All required material will be supplied by contractor.  | No.  | 28043.22                  |     |        |
| 41      | 9925000043 | Construction of <u>plinth for 11KV, RRLL type- 4 Way</u> (i.e Two numbers of Isolator & Two number of Breaker) Ring Main Unit as per DGVCL's technical specification mentioned in drawing no: Drg. 11kv-02. All required material will be supplied by contractor. | No.  | 32345.76                  |     |        |
| 42      | 9925000044 | Construction of <u>plinth for 22KV, RRL type- 3 Way</u> (i.e Two numbers of Isolator & One number of Breaker) Ring Main Unit as per DGVCL's technical specification mentioned in drawing no: Drg. 22kv-01. All required material will be supplied by contractor.  | No.  | 32345.76                  |     |        |
| 43      | 9925000045 | Construction of <u>plinth for 22KV, RRLL type- 4 Way</u> (i.e Two numbers of Isolator & Two number of Breaker) Ring Main Unit as per DGVCL's technical specification mentioned in drawing no: Drg. 22kv-02. All required material will be supplied by contractor. | No.  | 37090.68                  |     |        |



| Sr. No. | Item Code  | Item   | Unit              | Rate for FY 2024-25 (Rs.) | Qty | Amount       |
|---------|------------|--|-------------------|---------------------------|-----|--------------|
| 44      | 9925000046 | Modifications e.g. <u>Providing and fixing of Terminal protectors</u> i.e. Re-use able boot (HT Side 11/22KV, LT Side 1.1KV) including 11/22 KV insulating taps and L.T.(1.1 KV) insulating taps, Busbar, <u>Tapping from Bus Bar (11/22 KV XLPE cable)</u> through P.G. Clamp for H.T. Jumper to D.O. Fuse to bushings of Transformer Center, providing & Fixing of jumper and providing & fixing of Heat Shrinkable Anti Tracking Core Insulating Tubing (Insulation Level 11/22 KV) in H.T. jumper, Clamping arrangement of cable support frame on both side of existing Over Head type Distribution Transformer to utilize in Under Ground cable network as per drawing & as per instruction of Engineer incharge. All live parts i.e. PG-Clamp, connections of D.O.fuses, HT bushings etc. shall be covered with fixing of 11/22 KV HT insulating tapes. ( 11/22 KV XLPE cable will be in scope of DGVCL while all other materials will be in bidder's scope ). | No.               | 10152                     |     |              |
| 45      | 9925000047 | <u>Laying of any size of 11/ 22 KV XLPE /PILC Cable</u> in redaymade trench or in <u>open space</u>  | Per Cable Per Mtr | 27                        |     |              |
| 46      | 9925000060 | Labour charges for Lying of <u>O/H XLPE cable pole to pole</u>   | KM                | 70320                     |     |              |
| 47      | 9925000064 | Supply of 150 mm dia (Inner), thickness 25 mm, 1.0 meter long <u>RCC half round pipe</u>   | No.               | 135                       |     |              |
|         |            | <b>Total Amount (Ten Lacks)</b>  |                   |                           |     | 10,00,000.00 |

1.DGVCL will provide key material like M.S. materials,ABC/Bare conductors,PSC/RSJ Poles,Insulators,Fabricated materials etc. to the contractor.

2.All fabricated items shall be fabricated as per DGVCL approved drawing and by welding rods confirming to the relevent ISI specification and as directed by Engineer in charge.

3.Necessary electricity connection for fabrication items shall be provided by DGVCL on payment of required charge for connection & electricity bill of the same shall be paid by the agency.

4.All the rates are inclusive of PF & Exclusive of GST applicable time to time.

5.All steel material are to be painted as below:

(a) Scrubbing of rusted surface properly before applying the paints on to the RSJ poles & steel fabricated materials of RSJ/PSC poles is must required.

(b) Two coats of approved ISI mark red oxide (primer) is to be properly painted for the RSJ poles & steel fabricated materials of RSJ/PSC poles.

(c) Two coats of approved ISI mark silver paint (i.e. triple mangoes or equivalent quality silver paint) is to be properly painted on to the RSJ poles & steel fabricated materials of RSJ/PSC poles.

JE/DE (O&M),

DGVCL, Navsari East S km Office.

Dy-SA.(Exp.-Check)  
Navsari City Dn, DGVCL

Supdt. A/C (Exp.)  
Navsari City Dn, DGVCL

Executive Engineer (O&M)  
D.G.V.C.L., CITY DN. NAVSARI  
Executive Engineer (O&M),  
DGVCL, Navsari City Dn Office.

Dy Engineer (T)  
Navsari City Dn, DGVCL