

SCHEDULE : B (UG)						
The statement showing items of works to be carried out for erection work of HT/LT lines , T/C ,Laying Testing & Commissioning of XLPE UG CABLE & maintenance of feeders for various scheme for Various sub division under the control of Sachin (O&M) Division.						
HT,LT &TC Revised as per Letter No DGCS/1408/01/2025 Approved Date: 27-01-2025 Ammendment HT,LT &TC Revised as per Letter No DGCS/0693/02/2025 Approved Date: 12-02-2025						
Maintenance Revised as per Letter No DGCS/1410/01/2025 Approved Date: 27-01-2025						
UG Cable Revised as per Letter No DGCS/1411/01/2025 Approved Date: 27-01-2025						
Name of Work :- Rate contract for erection of HT/LT line & T/C , UG work for various scheme work for SDN office under Sachin Division Office. (For Works Up to 200 MTR UG + OH Works)						
Sr. No.	ITEM CODE	Details of Works	Qty	Unit	Labour Rate	Amount
SCHEDULE B3						
1	9925000001	Labour charge for excavation of cable trench of 400mm width x 1200mm depth, in any type of soil for laying of cable of size up to 240 mm ² (For additional cable 200 mm additional width shall be considered i.e. half trench length is to be considered)		Meter	72	0
2	9925000002	Labour charge for excavation of cable trench of 600mm width x 1200mm depth, in any type of soil for laying of cable of size up to 240 mm ² (For additional cable 200 mm additional width shall be considered i.e. half trench length is to be considered)		Meter	109	0
3	9925000003	Labour charge for excavation of cable trench of 400mm width x 1500mm depth, in any type of soil for laying of cable of size up to 240 mm ² (For additional cable 200 mm additional width shall be considered i.e. half trench length is to be considered)		Meter	91	0
4	9925000004	Labour charge for laying of 11kV / 22 kV XLPE Cable of size up to 240 mm ² & 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	0
5	9925000005	Labour charge for horizontal drilling using Auger machine without damage to surface road at max 2.0 mtrs depth & putting of 6.11 kg/cm ² , class-4, Green color, 110mm O.D. , 8.5mm thickness H.D.P.E. pipe conforms to IS 4984-1987(3rd revision) and BIS certification and laying of 11KV/22KV XLPE cable of size up to 240 mm ² 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 HDD is must required to be submitted. HDD to be carried out at depth 1.5 mtrs to 2.0 mtrs as per site conditions and as per instruction of EIC.		Meter	860	0



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 ² , 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 ² 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. Drilling to be carried out at depth Minimum 1.2 mtrs to 2.0 mtrs as per site conditions as per instruction of EIC.		Meter	615	0
7	9925000007	Supply of 6.11kg/cm ² , class-4, Green color, 110mm O.D. , 8.5 mm thickness H.D.P.E. pipe confirms to IS 4984 and BIS certification for laying of underground 11KV / 22KV XLPE cable up to 240 mm ² size.		Meter	430	0
8	9925000008	Labour work for RCC concreting on disputed location and repairing of damage portion of road crossing for the work carried out for roads crossing as well as concreting & mugging of paves including all materials (1:2:4)		CMT	3189	0
9	9925000009	Providing & fixing concrete stone route marker 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	0
10	9925000010	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 & refilling of earth as per instruction of EIC. (Exclusive of concreting & mugging of poles)		No.	2026	0
11	9925000011	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 & refilling of earth as per instruction of EIC. (Exclusive of concreting & mugging of poles)		No.	1047	0
12	9925000012	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 & refilling of earth as per instruction of EIC. (Exclusive of concreting & mugging of poles)		No.	1416	0
13	9925000013	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 & refilling of earth as per instruction of EIC. (Exclusive of concreting & mugging of poles)		No.	613	0
14	9925000014	Labour charge for erecting of 11kV / 22 kV XLPE cable of size up to 240 mm ² 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.		per Job	591	0



15	9925000015	Providing & fixing of 6.11kg/cm ² , class-4, Green color, 110mm O.D. , 8.5mm thickness H.D.P.E. pipe confirms 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.		Per Job	1461	0
16	9925000016	Providing and fixing of pipe type earthing from 80 mm dia class-B GI pipe with pit to be filled with salt & 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 & 2 mm thick. All material GI pipe, Coke, Salt etc will be supplied by bidder.		No.	3635	0
17	9925000017	Supply & fixing of heat shrink type end terminations (outdoor) for upto 11kV 3C x 185 mm² size XLPE cable as per DGVCL technical specification		No.	3635	0
18	9925000018	Supply & fixing of heat & shrinkable end terminations (outdoor) for upto 22 kV 3C x 185 mm ² size XLPE cable as per DGVCL technical specification)		No.	6231	0
19	9925000019	Supply & fixing of heat shrink type end terminations (indoor) for upto 11kV 3C x 185 mm ² size XLPE cable as per DGVCL technical specification)		No.	3635	0
20	9925000020	Supply & fixing of heat & shrinkable end terminations (indoor) for upto 22 kV 3C x 185 mm ² size XLPE cable as per DGVCL technical specification		No.	6231	0
21	9925000021	Supply & fixing of heat shrinkable straight through joint for upto 11kV 3C x 185 mm ² size XLPE cables as per DGVCL technical specification.		No.	6774	0
22	9925000022	Supply & fixing of heat shrinkable straight through joint type for upto 22kV 3C x 185 mm ² size XLPE cable as per DGVCL technical specification		No.	11590	0
23	9925000023	Labour charge for excavation of 2100mm long x 1200mm wide x 1200 mm deep joint pits 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	0
24	9925000024	Providing and fixing of insulating bus bar, 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), on both end terminal using Aluminium long barrel heavy duty up to 240 sq mm lugs, Aluminium bus connector. Taping with PG- clamp for bus conductor as per drawing and as per instruction of EIC. The Aluminium lugs and PG clamp shall be covered with 11KV/22KV HT insulating tapes.(11KV/22KV XLPE cable will be in scope of DGVCL while all other materials will be in bidder's scope)		No.	1661	0
25	9925000025	Testing of cable 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	0
26	9925000026	Preparation and submission of 6 (six) copies, of complete layout drawings with GIS mapping as per actual cable routing showing road crossing, HDPE pipe sleeving, jointing locations, markers etc.		Set	2338	0



27	9925000027	Providing and fixing of Sign Board at junction point Made out of 2 mm aluminium sheet size 750x300 mm (2.5 x 1ft) rectangle, 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. (a) Hi intensity Micro prismatic Grade		No.	10023	0
28	9925000028	Providing and fixing of Sign Board (Danger Board) on Distribution Transformer Centers Made out of 2mm aluminium sheet size 300x300mm (1x1ft) 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. (a) Hi intensity Micro prismatic Grade		No.	2805	0
29	9925000029	Providing & fixing of aluminium tag of size 250 mm (L) x 75 mm (W) from 3 mm aluminium sheet along with 1.0 mm dia aluminium binding wire for fixing of aluminium tag near end termination joint at DP structure for identifying the cable. The details of feeder i.e. 11 / 22 KV with feeder name should be punched on the tag by letter punch of size 16 mm as per instruction of In-charge Engineer.		No.	83	0
30	9925000030	Supply & fixing of heat shrink type end terminations (outdoor) for 11kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification		No.	4427	0
31	9925000031	Supply & fixing of heat & shrinkable end terminations (outdoor) for 22 kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification)		No.	6231	0
32	9925000032	Supply & fixing of heat shrink type end terminations (indoor) for 11kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification)		No.	4338	0
33	9925000033	Supply & fixing of heat & shrinkable end terminations (indoor) for 22 kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification		No.	6231	0
34	9925000034	Supply & fixing of heat shrinkable straight through joint for 11kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification.		No.	6829	0
35	9925000035	Supply & fixing of heat shrinkable straight through joint type for 22kV 3C x 240 mm ² size XLPE cable as per DGVCL technical specification		No.	11590	0
36	9925000038	Installation, Testing and commissioning of 11 KV,630 A SCADA Compatible, RRL type- 3 Way RMU including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.		No.	42000	0
37	9925000039	Installation, Testing and commissioning of 11 KV,630 A SCADA Compatible, RRL type- 4 Way RMU including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.		No.	42000	0



38	9925000040	Installation, Testing and commissioning of 22KV,630 A SCADA Compatible, RRL type-3 Way, RMU including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.		No.	53000	0
39	9925000041	Installation, Testing and commissioning of 22KV,630 A SCADA Compatible, RRL type-4 Way, RMU including Two numbers of earthings as per Drawing (material is in bidder's scope) and as per DGVCL Technical specification.		No.	54500	0
40	9925000042	Construction of plinth for 11KV, RRL type- 3 Way (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	0
41	9925000043	Construction of plinth for 11KV, RRL type- 4 Way (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	0
42	9925000044	Construction of plinth for 22KV, RRL type- 3 Way (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	0
43	9925000045	Construction of plinth for 22KV, RRL type- 4 Way (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	0
44	9925000046	Modifications e.g.Providing and fixing of Terminal protectors 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, Tapping from Bus Bar (11/22 KV XLPE cable) 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	0
45	9925000047	Laying of any size of 11/ 22 KV XLPE /PILC Cable in redaymade trench or in open space		per cable per mtr	27	0
46	9925000060	Labour charges for Lying of O/H XLPE cable pole to pole		KM	70320	0
47	9925000064	Supply of 150 mm dia (Inner), thickness 25 mm, 1.0 meter long RCC half round pipe		No.	135	0
		SCHEDULE B4				



1	Laying (Including Installation , Testing and Commissioning) of various size of 11 KV XLPE Insulated alluminium armoured cable in ground 1200 mm Deep , 300 mm Wide Trench, Providing sand cushioning below (75 mm thick layer of sand) and above (75 mm thick layer of sand) of the cable and covering it with RCC Half round hume pipe (150 mm inner dia with thickness of 30 mm,1 meter length) before refilling pre-bonding / warning tap should provide below 700 mm from the ground level and back filling the same to make ground level as per original. As per Specification and drawing og UGVCL. (RCC Half Round pipe should be provide thoroughout on cable wihtout gap, only cable will be supplied by DGVCL)		Meter	335	0
2	Laying (Including Installation , Testing and Commissioning) of various size of Double Circuit 11 KV XLPE Insulated alluminium armoured cable in ground 1200 mm Deep , 500 mm Wide Trench, Providing sand cushioning below (75 mm thick layer of sand) and above (75 mm thick layer of sand) of the cable and covering it with RCC Half round hume pipe (150 mm inner dia with thickness of 30 mm,1 meter length) before refilling pre-bonding / warning tap should provide below 700 mm from the ground level and back filling the same to make ground level as per original. As per Specification and drawing og UGVCL. (RCC Half Round pipe should be provide thoroughout on cable wihtout gap, only cable will be supplied by DGVCL)		Meter	468	0
3	Layingt of HDPE Pipe Confirming to IS 4984:1955 (Ammendment No 2) having diameter 160 mm and minimum thickness 5 mm at a minimum depth of 1200 mm below the road surface by push thorough method by drilling the road with HDD machine/manually without breaking the road surface and laying of any size of HT/LT XLPE insulated alluminium armoured cable through the duct as per the instruction of EIC and specifications. (Without cost of HDPE Pipe , Cable will be supplied by DGVCL)		Meter	825	0
4	Supply of HDPE Pipe having 160 mm diameter , minimum thickness 7.3 mm as per IS (ammendment no 2 - IS 4984:1995) of PE- 100 , 6 kg/cm2 , for laying of 11 KV XLPE Cable		Meter	640	0
5	Proving and Fixing HT push on/heat shrink type End Indoor termination kit Preferably 3m(m-seal) or Raychem make at switchgear end boxes, transformer (PAD/Pole mounted) for 3 core 11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminal ,crimping of lugs with suitable crimping tool, indoor application. For 300 mm2 HT XLPE Cable		No.	5549	0
6	Proving and Fixing HT push on/heat shrink type End Outdoor termination kit Preferably 3m(m-seal) or Raychem make at switchgear end boxes, transformer (PAD/Pole mounted) for 3 core 11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminal ,crimping of lugs with suitable crimping tool, outdoor application. For 300 mm2 HT XLPE Cable		No.	6676	0



7		Proving and Fixing HT push on/heat shrink type Straight Joint Preferably 3m(m-seal) or Raychem make for 3 core 11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminal ,crimping of lugs with suitable crimping tool. For 300 mm ² HT XLPE Cable		No.	8040	0
		Erection Schedule B-1				
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	0
2	9926000002	ERECTION OF PSC POLES OF 8 *200 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OFCROSS 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	0
3	9926000003	ERECTION OF STEEL POLES OF 9 TO 11 METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OFCROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLE, FABRICATED MATERIALS USED ON THE POLEAND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.		No.	1949	0
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, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COSTOF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.		No.	2325	0
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	0
6	9926000006	ERECTION OF DOUBLE POLE STRUCTURE OF 9 TO 11 METERS.STEEL POLE INCLUDING EXCAVATION OF PITS & REFILLING OFEARTH, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS,ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC.COMplete & PAINTING OF POLES,FABRICATED MATERIALSUSED ON THE POLES AND NUMBERING WITH COST OF PAINTSAS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.(WITHOUT AB SWITCH)		No.	3821	0



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, DOFUSES ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING OF ERECTION OF GUY SET AND EARTHING. (WITH AB SWITCH)		No.	3179	0
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	0
9	9926000009	ERECTION OF DOUBLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX. OF 8 METERS 200 KG 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, ANTICLIMBING 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	0
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, ANTICLIMBING 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	0



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	0
12	9926000012	CONCRETING OF POLES, GUYS, ETC. INCLUDING COST OF CEMENT SAND METAL (1:2:4) AND WATER ETC. AS PER STANDARD SPECIFICATION.		CMT	8396	0
13	9926000013	ERECTION OF COIL TYPE EARTHING INCLUDING COST OF COAL,SALT ETC. BUT WITHOUT COST OF GI WIRE AS PER STANDARD SPECIFICATION(20kg solt+20kg coal)		No.	605	0
14	9926000014	ERECTION OF GI PIPE/GI PLATE TYPE EARTHING INCLUDINGCOST OF COAL SALT ETC. BUT WITHOUT COST OF PIPE/GIPLATE GI WIRE AS PER STANDARD SPECIFICATION.(20kg solt+20kg coal)		No.	781	0
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	0
16	9926000016	STRINGING OF ALL TYPE OF CONDUCTOR (EXCEPT DOG CONDUCTOR) FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.		ONE COND PER KM	2111	0
17	9926000017	STRINGING OF GI WIRE 8 SWG INCLUDING BINDING JUMPERING ETC.		DO	1183	0
18	9926000018	PROVIDING SINGLE PHASE SERVICE CONNECTION WITH PVC 4MM 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	0
19	9926000019	PROVIDING THREE PHASE 4 WIRE SERVICE CONNECTION WITH PVC 4MM2/10MM2 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	0
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	0
21	9926000021	PROVIDING GUARDING TO HT LINE ON ROAD/ RAIL CROSSING.		MTR	70	0
22	9926000022	PROVIDING GUARDING OF LT LINES ON ROAD/RAIL CROSSING.		MTR	70	0
23	9926000023	LT LINE TAPPING- SINGLE PHASE		No.	51	0
24	9926000024	LT LINE TAPPING- THREE PHASE		No.	93	0
25	9926000025	LAYING OF OVER HEAD LT CABLE FOR ROAD CROSSING,HT LINE CROSSING AND TELEPHONE LINE CROSSING ETC.(PER SPAN)		No.	263	0



26	9926000026	ERECTION OF SINGLE POLE STRUCTURES WITH , HG FUSES,TRANSFORMERS, LIGHTENING ARRESTOR, DISTRIBUTION BOX. ON 8 METERS 200 KGAND PSC POLE INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICES DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMplete AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.		No.	4537	0
27	9926000027	ERECTION OF SINGLE POLE STRUCTURES WITH , HG FUSES,TRANSFORMERS, LIGHTENINGARRESTOR, DISTRIBUTION BOX. ON 9 to 11 METERS RSJ POLE INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICES DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMplete AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.		No.	5305	0
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	0
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	0
30	9926000030	STRINGING OF 100MM2 ACSR/100MM2 AAAC CONDUCTOR FOR LT LINES INCLUDING FIXING OFINSULATORS, BINDING JUMPERING ETC.		ONE COND PER KM	4861	0
31	9926000031	STRINGING OF DOG CONDUCTOR FOR 11/22KV HT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.		ONE COND PER KM	4378	0



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	0
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	0
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	0
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	0
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	0
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	0
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	0
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	0



40	9926000040	STRINGING OF 22 KV ABC OF 3*70 SQ MM +95 SQ MM INCLUDING FITTING OF ALL ACESSARIES I.E. SPECIAL DESIGN SUSPENSION / TENSION CLAMP, FIXING OF CROSS ARM, BINDING TO PIN INSULATOR,PREPARED SHACKLE POINT,JUMPERS ETC. AS REQUIRED AND DIRECTED BY ENGINEER IN CHARGE		KM	51287	0
41	9926000041	STRINGING OF LT ABC OF 2*50 SQ MM +1*25 SQ MM+ 35 SQ MM INCLUDING FITTING OF ALL ACESSARIES 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	9863	0
42	9926000042	DISMENTALING OF RSJ (9/11 METER) POLE AND CREDITING THE OLD MATERIAL TO STORE		No.	913	0
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	0
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	0
45	9926000045	DISMENTLING OF 11KV ABC OF 3*95 SQ MM +80 SQ MM AND CREDITING FITTING OF ALL ACESSARIES AND FABRICATION TO DEPARTMENTAL STORE		KM	20515	0
46	9926000046	DISMENTLING OF 22 KV ABC OF 3*70 SQ MM +95 SQ MM AND CREDITING FITTING OF ALL ACESSARIES AND FABRICATION TO DEPARTMENTAL STORE		KM	25643	0
47	9926000047	DISMENTALING OF LT ABC OF 1*35 SQ MM + 1*25 SQ MM AND CREDITING FITTING OF ALL ACESSARIES TO DEPARTMENTAL STORE.		KM	3523	0
48	9926000048	DISMENTALING OF LT ABC OF 3*50 SQ MM +1*25 SQ MM+1*35 SQ MM AND CREDITING FITTING OF ALL ACESSARIES TO DEPARTMENTAL STORE.		KM	6166	0
49	9926000049	DISMENTALING OF LT ABC OF 2*50 SQ MM +1*25 SQ MM+ 35 SQ MM AND CREDITING FITTING OF ALL ACESSARIES TO DEPARTMENTAL STORE.		KM	4930	0
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	0
51	9926000051	RESTRINGING OF DOG CONDUCTOR FOR 11/22KV HT LINES INCLUDING , BINDING JUMPERING ETC.		ONE COND PER KM	3129	0
52	9926000052	LABOUR CHARGE FOR THE INSTALLATION OF NEW DTR METER. (METER WILL BE PROVIDED BY DGVCL)		No.	355	0
53	9926000053	LABOUR CHARGE FOR THE REPLACEMENT OF DTR METER AND OLD METER SHOULD BE CREDITED TO SDN STORE. (METER WILL BE PROVIDED BY DGVCL)		No.	531	0



54	9926000054	LABOUR CHARGE FOR PROVIDING CT COIL FOR DTR METER CONNECTION. (CT COIL WILL BE PROVIDED BY DGVCL)		PER CT	85	0
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	0
56	9926000056	LABOUR CHARGE FOR FIXING OF MMB FOR DTR METER (MMB WILL BE PROVIDED BY DGVCL)		No.	128	0
57	9926000057	LABOUR CHARGE FOR REPLACEMENT OF DTR METER BOX. (METER WILL BE PROVIDED BY DGVCL)		No.	1820	0
58	9926000058	PROVIDING / REPLACEMENT OF 1.5 SQ MM 10 CORE COPPER CABLE 3.5 METER (CABLE TO BE PROVIDED BY AGENCY)		No.	1840	0
59	9926000059	LABOUR CHARGE FOR PROVIDING/RECONNECTION OF TERMINAL CONNECTION WITH PROPER SIZE OF LUGS. (LUGS COST IS BORNE BY AGENCY)		PER TERMINATION	15	0
60	9926000060	LABOUR CHARGE FOR THE SPOT READING OF DTR METER WITH DETAIL 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 PER-FORMA IS FILLED) AS PER THE INSTRUCTION OF ENGINEER IN-CHARGE.		PER DTR	60	0
61	9926000061	LABOUR CHARGE FOR THE SPOT READING OF DTR METER WITH DETAIL 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 PER-FORMA IN FAULT CONDITION IN WHICH READING PARAMETER IS NOT SHOWN IN METER)		PER DTR	30	0
62	9926000062	INSTALLATION OF DTR METER INCLUDING METER BOX, PROVIDING & FIXING OF 1.5SQ MM SINGLE STRAND 10 CORE ARMoured COPPER CABLE (3.5METER), TERMINATION IN METER & COIL ETC. (METER, METER BOX, C.T./P.T. COIL WILL BE PROVIDED BY DGVCL)		No.	2726	0
63	9926000063	INSTALLATION OF DTR METER INCLUDING METER BOX, TERMINATION IN METER & COIL ETC. (WITHOUT 10CORE COPPER CABLE) (METER, METER BOX, C.T./P.T. COIL WILL BE PROVIDED BY DGVCL)		No.	886	0
64	9926000064	Binding of messenger Conductorat 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. (1Set = 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. (1Set = 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 2000 mm 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 3000 mm Electrode Length as per the Tender Specifications And Drawing. (All Materials Will Be Supplied By Agency)		No	5450	
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 Drop out 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 Drop out fuse to Transformer H.T. without Busbar (12 mm sleeve) as per technical specification. (All Materials will be supplied by Agency)		Per TC	2800	
73	9926000094	Supply & fixing of upto 33 kV Conductor sleeve for Busbar to Drop out Fuse and Drop out 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 Drop out 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		Nylon Net around Transformer Center				
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	



Erection Schedule B2						
1	9924000001	Cutting of Tree branches surrounding HT/LT line		Per Tree	57	0
2	9924000002	Replacement of old jumpers & providing new double jumpers with 8" binding & capsuling with PVC pipe etc		No.	90	0
3	9924000005	Support pole for Stay PSC/STP/RSJ		No.	633	0
4	9924000006	Pin binding of conductor 11/22kv Pin insulator		No.	18	0
5	9924000007	Pin binding of conductor 11/22kv Pin insulator per pole in costle area with cleaning .		No.	41	0
6	9924000008	Pin binding of conductor LT shakel insulator		No.	14	0
7	9924000009	Replacement of one/both disc.insulator at strain pole		No.	161	0
8	9924000010	Replacement of LT shackle insulator at cut point		No.	31	0
9	9924000011	Refixing of V cross Arm		No.	61	0
10	9924000012	Replacement of V cross Arm		No.	210	0
11	9924000013	Refixing of Top fitting in proper position		No.	41	0
12	9924000014	Replacement of Top fitting		No.	51	0
13	9924000015	Replacement of LT cross Arm		No.	105	0
14	9924000016	Providing DO fuse on DP with carting & jumpuring(ONE DO FUSE)		No.	243	0
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	0
16	9924000018	Fixing of MMB(1PH.) at consumer end		No.	86	0
17	9924000019	Fixing of MMB(3PH.) at consumer end		No.	128	0
18	9924000020	Replacement of (1ph.) meter for Urban area		No.	51	0
19	9924000021	Replacement of (1ph.) meter for Rural area		No.	74	0
20	9924000022	painting consumer no. on MMB (Urban) (with letter size height 40mm* width 8mm)		No.	11	0
21	9924000023	painting consumer no. on MMB (Rural) (with letter size height 40mm* width 8mm)		No.	19	0
22	9924000024	Replacement of deteriorated Single phase Service line		No.	93	0
23	9924000025	Fixing of new dist. Box with complete wiring including clamps,nut bolts etc.		No.	816	0
24	9924000026	Reparing of guarding involving reshaping of bearer wire cross lacing binding etc.		R Mtr.	25	0
25	9924000027	Painting of steel fabricated material of RSJ DO DP structure with paint		No.	2406	0
26	9924000028	Painting of steel fabricated material of RSJ pole mounted transformer double pole structure with paint		No.	3748	0
27	9924000029	Painting of steel fabricated material of RSJ single pole with paint		No.	902	0
28	9924000030	painting of steel fabricated material of PSC Single pole (HT line) with paint		No.	135	0
29	9924000031	painting of steel fabricated material of PSC DO DP double pole with paint		No.	362	0
30	9924000032	painting of steel fabricated material of PSC double pole at pole mounted transformer with paint		No.	723	0
31	9924000033	Providing line seperater single phase		No.	11	0
32	9924000034	Providing line seperater three phase		No.	31	0



33	9924000035	Replacement / Providing of stay insulator along with adjustment of tension in stay wire	No.	276	0
34	9924000036	Replacement of deteriorated /providing LT dist. Box with new up to 100KVA capacity & crediting it to store.	No.	1061	0
35	9924000037	Replacement of deteriorated /providing LT dist. Box with new above 100KVA capacity & crediting it to store.	No.	2084	0
36	9924000038	Adjustment of tension in stay wire	No.	158	0
37	9924000039	Refitting of LA	No.	31	0
38	9924000040	Converting pin point to Shackle point including dismantling & restringing etc.	location	2232	0
39	9924000041	replacement of 11KV Pin insulator with providing new double pin binding	No.	60	0
40	9924000042	replacement of 22KV Pin insulator by new 11kv pin insulator with spares & providing new double pin binding	No.	81	0
41	9924000043	Providing 11kv double disc insulators with binding & restringing	No.	161	0
42	9924000045	Replacement of existing 11kv conductor (all size) with new double pin binding	Cond/KM	4354	0
43	9924000046	Plumbing of PSC Pole with straightening at pin point	No.	287	0
44	9924000047	Plumbing of PSC Pole with straightening at tension point	No.	373	0
45	9924000048	Plumbing of tilted DP structure (PSC/RSJ/STP) with refilling of stone Murrum etc.	No.	816	0
46	9924000049	Providing new 11kv AB /GO switch with fabrication and insulated colour code jumper, binding, lugs etc	Set	1290	0
47	9924000051	Replacement of old 11kv AB /GO switch with providing new insulated jumper, binding, lugs etc	Set	1660	0
48	9924000052	Providing cage type loop guard in verticle LT line with using PVC reel insulators etc	per pole	53	0
49	9924000053	Labour charges for replacement /providing of MMB & service with all accessories for three phase connection	No.	644	0
50	9924000054	Labour charges for replacement /providing of MMB & service with all accessories for single phase connection	No.	554	0
51	9924000055	Dismantling 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	0
52	9924000056	Disconnection from LT pole 1 phase	No.	46	0
53	9924000057	Reconnection from LT pole 1 phase (payment after receipt of R/C charges)	No.	46	0
54	9924000058	Disconnection from LT pole 3 phase	No.	66	0
55	9924000059	Reconnection from LT pole 3 phase (payment after receipt of R/C charges)	No.	66	0
56	9924000060	Dismantling & removing of service line from pole & crediting to S/dn (1 ph.)	No.	111	0
57	9924000061	Dismantling & removing of service line from pole & crediting to S/dn (3 ph.)	No.	205	0
58	9924000062	Reconnection of service line complete with PVC cable (1 Ph)	No.	244	0
59	9924000063	Reconnection of service line complete with PVC cable (3 Ph)	No.	328	0



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	0
61	9924000070	Providing and fixing of single 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	0
62	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	0
63	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	0
64	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	0
65	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	0
66	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	0



		UG Work Up to 200 Mtr only in All Scheme to be given in above work order for timely completion of works.				
		Remark : 1.AS 300 Mm2 Cable Cost Data not Available with DGVCL and We have Proposed 300 mm2 Cable at Various Location to Create Robust network with RMU and SS End Hence Cost Data of UGVCL Considered as Ref and Rate Taken Accordingly as per Telephonic Instruction Given by Competent Authority from Circle Office				
		Total of Schedule B1 + B2 + B3 + B4 is Rs.	TOTAL			3000000
		<p>1.DGVCL will provide key material like M.S. materials,ABC/Bare conductors,PSC/RSJ Poles,Insulators,Fabricated materials etc. to the contractor.</p> <p>2.All fabricated items shall be fabricated as per DGVCL approved drawing and by welding rods confirming to the relevant ISI specification and as directed by Engineer in charge.</p> <p>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.</p> <p>4.All the rates are inclusive of PF & Exclusive of GST applicable time to time.</p> <p>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.</p>				
		1. Excavation, Drilling and Cable laying should be done with all road safety measures such as hard barricading, displaying "DANGER" sign and "DGVCL - Work in Progress" on it with light reflective strips or paint. Proof of all barricading and safety equipment need to submit.				
		2. Cable laying should be done through roller (not through tractor or pulling by any other vehicles).				
		3. Ownership document regarding roller/pulling machine and HDD machine need to submit or agreement with agency of above narrated machine regarding work for this tender required to submit.				
		4. Trail pit excavation and De-excavation should be done simultaneously so that any chance of road accident can be prevented.				



Technical Terms	5. Three no of Polymer cleat should be provided on rising cable for proper fitting and if it is not feasible to provide third polymer cleat at the bottom than two nos of polymer cleat on upper side and strap strip on bottom end required to install for proper fitting of rising cable.	Executive Engineer (Tech) DGVCL Sachin Division
	6. 100% videography of cable laying along with landmark location of cable laying required to be done and submit Pen drive to the concern engineer for their verification.	
	7. Aluminum strip required to use to connect end of cable at cable rising location as per instruction of Engineer in charge. Also no joints will be allowed in GI strip for cable Earthing and strip will be connected through GI bolts only.	
	8. Issues regarding ROW on field should be resolved by contractor itself.	
	9. Testing & measuring equipment: - 5 KV Digital insulation testers, Digital Earth clamp meter for measurement of Earthing and leakage current, Digital Rodometer with NABL accredited agency valid test certification.	
	10. Earthing value & Insulation Resistance (IR) value of all location along with Geo tagged (longitude & latitude) wise testing and measured value photograph need to submit with Bill.	
	11. Depth chart should be provided at every 100 meter with mentioning landmark.	
	12. Partial Discharge test to be carried out on sample part of cable before charging as decided by in charge engineer.	
	13. Qualified cable jointer with Minimum five years of experience required with necessary certification regarding qualification and specific experience.	
	14. Performance Bank Guaranty required to submit 5% of tender value for two years against cable joint failure. Moreover, cable joint failure or end termination failure will have to repair within 24 Hrs for 2 years of guaranty period.	
	15. Fixing of mechanical protection HDPE pipe at rising should be properly buried as per specification.	
	16. Fixing of Route marker strictly as per specification.	
	17. Minimum annual Turnover should be at least tender estimated value and in addition to CVC guideline narrated in tender for UG cable laying work.	
	18. Marking of feeder name, direction and location on cable is compulsory during final scrutiny to declare work completion.	
	19. End termination and straight joint kit should be of premium quality as specified in Annexure-2. Technical specifications for the same to be submitted along with bid.	
	20. Cable straight joint should be done with mid span joint instead of long barrel Lug.	
	21. Agreement with vendor of cable joint kit and End termination kit to supply for this tender for concern bidder should be submit at the time of bidding.	

