

SCHEDULE-B

Site survey, designing, engineering, procurement, supply, loading, transportation, unloading, insurance, delivery at site, handling, storage, installation, testing, commissioning including documentation of all items/material required to complete works for Turnkey Based Contract for 11 KV AL-59 ACS Medium Voltage Covered Conductor (MVCC) with its accessories with Pole in feeders of Dhoraji Division under Rajkot Rural Circle of PGVCL under SI Scheme (Package 2)

Sr. No.	Particulars of Item	Grand Total in Rs.
A	Total supply amount of Schedule-B1: Conversion of Existing overhead Bare electrical line in to MVCC AL-59 ACS Line (Without GST)	85332754.76
B	Total Installation, Testing & Commissioning Amount of Schedule-B2: Conversion of Existing overhead Bare electrical line in to MVCC AL-59 ACS Line (Without GST)	9962451.00
C	Total Amount : C=A+B (Without GST)	95295205.76
D	Bidder's Offer (+/-) in %	
E	Offered Total Amount for Supply and Erection (Without GST)	95295205.76
F	GST @18% on Offered Total Amount "E"	17153137.04
G	Grand Total Amount (With GST)	112448342.80

SCHEDULE-B

Supply, Installation, Testing and Commissioning) of 11 KV MVCC (Base conductor AL-59) Medium Voltage Covered Conductor (MVCC) with its accessories in feeder of Dhoraji Division, under Rajkot Rural Circle of PGVCL under System Improvement (SI) Scheme.

MVCC accessories and other line item are taken considering SI DPR per CKM, in case of any additional qty require kindly add manually

SCHEDULE-B1 (Supply of Materials)

SR NO	DESCRIPTION	UNIT	QTY	Unit Ex-works price	Total Ex-works price
1	Supply of new pole, wherever required in mid- span to reduce span length/ Replacement of old deteriorated pole/ shifting of line for existing 11 KV overhead line as per technical specification, approved drawings and scope of work				
1	8 meter long /200 KG PSC Poles (PSC Pole as per state practice)	No.	935	2777	2596495
1	11 m long H-Beam 116X110 mm, 23 kg/mtr (RSJ Pole as per state practice)	No.	187	11393	2130491
1	CAUTION & DANGER BOARD (with suitable clamps)	No.	4675	99	462825
1.1	Barbed wire for anti-climbing device (Quantity per pole is 1.6Kg)	MT	7.48	59812	447393.76
2	Pre-fabricated galvanised steel items for over head structures as per technical specification, approved drawings and scope of work including galvanized steel Nut & Bolt as per technical specification & GTP				
2	11KV V Cross Arms	No.	1870	1068	1997160
2	D-Clamp/ Angle Bara with Nuts and bolts of size 65X16mm- 2 Nos.	No.	1870	250	467500
2	HT Top fitting with Nut bolts of size 180X16 MM - 2 Nos.	No.	1870	250	467500
3	Insulator and hardware as per technical specification, approved drawings and scope of work.				
3	11 KV Polymer Pin Insulators	No.	5610	214	1200540
4	Supply of Material for new GUY SET WITH PRE-FORMED FITTING, Anchor Rod/Guy Rod - 1 No, Turn Buckel - 1 No, Eye Bolt/I-Rod - 1 No, Stay wire - 7/12 - 2.5 kg, HT Guy Insulator - 1 No, Guy Clamp - 1 Pair, Nut -Bolt (65x16 mm)-2 Nos.-as per Requirement etc. As per approved drawing, , technical specifications and scope of work.	Set	2618	1139	2981902
5	Supply of Material for Coil type Earthing consist of (a) 8 SWG GI wire for earthing coil- 1.7 Kg (b) Rigid PVC Pipe -16mm dia (2.5 Mtr) - 1 No (C) Earthing Bolt- 1 No (d) GI Wire No. 8 From Pole Top to Earthing Coil- 1.06 Kg including cost of Coal Salt etc. (20 KG SALT + 20 KG COAL) as per approved drawings, technical specifications and scope of work	Set	2431	498	1210638
6	Supply of 11 kV Medium Voltage Covered Conductor (MVCC) with accessories as per technical specifcatons, approved drawings and scope of work.				
6	11 kV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Rabbit Covered Conductor (52.88mm2)	CKM	157	252425	39630725
6	11 kV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKM	30	356416	10692480
6	Wedge Type Tension Assembly with IPC	No.	11220	563	6316860
6	Helical Tie (Suitable for polymer and porcelain insultors)	No.	23375	210	4908750
6	Surge Arrestor	No.	1122	392	439824
6.1	Tension Joints (For Rabit & Dog Covered Conductor)	No.	1122	463	519486
6.1	Insulation Piercing Connector (All Type)	No.	14025	498	6984450
7	Supply of Material for Guarding under HT line passing through road crossing, river crossing, dence populated area, Public gathering places and village/city street etc. as per site situation, per KM required item are as follows (a) MS Angle 50*50*6 for Guarding Angle Cross Arm-50 No. (b) D Clamp (Flat Bar of size 50*6) with 2 no. of Bolt-Nuts 65*16 mm-50 No. (c) GI Wire No. 10 (3.15 MM)-37.5 Kg (d)GI Wire No. 8-237.5 Kg (d) Alu. Binding Wire- 5 KG as per approved drawings Technical Specifications & Scope of Work	KM	37.40	15665	585871.00
8	Supply of Material for double pole structure using 8 meter long /200 KG PSC Poles (PSC Pole as per state practice), Psc pole-2No., MS Angel 65x65x6mm-2No, Nutbolt of size- 180X16mm as per technical specification and drawing	No.	187	4272	798864

9	GI Earthing Strip Earthing including earthing coil : (a) GI Strip Size 7500 x 25 X 3 MM (b) 8 SWG GI wire for earthing coil- 1.7 Kg (c) Rigid PVC Pipe-40mm dia (2.5 Mtr) - 1 No including cost of Coal Salt etc. (20 KG SALT + 20 KG COAL) as per approved drawings, technical specifications and scope of work	No.	500	986	493000
Total supply amount of Schedule-B1 in Rs. excluding GST					85332754.76
18% GST					15359895.86
Total supply amount of Schedule-B1 in Rs. including GST					100692650.62

SCHEDULE-B2 (Installation, Testing & Commissioning)

SR NO	Description of Related Services (excludes inland transportation and other services required in India to convey the goods to their final destination)	Unit	Quantity	Unit price	Price Total (Unit*Qty)
1	Survey, route alignment & pole spotting, Tree cutting and compensation, preparation of survey report and uploading in the web portal after approval of Project Manager	CKm	187	2258	422246
2	Erection of Poles and its related activities				
2	Erection of Psc Poles of 8 Mt./200 Kg including excavation of pit and refilling of earth, Fixing of Cross Arms, Top Fitting Clamps, Anti-Climbing Devices With Barbed Wire, Insulators Etc. Complete And Painting Of Fabricated Materials Used On The Poles And Numbering With Cost Of Paint As Per Standard Specification	No	935	775	724625
2	Erection Of Steel Poles of 11 Meters including excavation of pit and refilling of earth, Fixing Of Cross Arms, Top Fitting Clamps, Anti-Climbing Devices With Barbed Wire, 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	No.	187	2680	501160
3	Installation of GUY SET WITH PRE-FORMED FITTING, Anchor Rod/ Guy Rod - 1 No, Turn Buckel - 1 No, Eye Bolt/I Rod - 1 No, Stay wire - 7/12 - 2.5 kg, HT Guy Insulator - 1 No, Guy Clamp - 1 Pair, Nut -Bolt (65x16 mm)-2 Nos.-as per Requirement etc. as per technical specifications, approved drawings and scope of work.	Set	2618	425	1112650
4	Installation of Coil type/Strip type Earthing consist of (a) 8 SWG GI wire for earthing coil- 1.7 Kg (b) GI Strip (c) Rigid PVC Pipe -16mm/40mm dia. - 1No (d) Earthing Bolt- 1 No (e) GI Wire No. 8 From Pole Top to Earthing Coil- 1.06 Kg including cost of Coal Salt etc. (20 KG SALT + 20 KG COAL) using existing earthing pit as per approved drawings, technical specifications and scope of work.	Set	2931	300	879300
5	Installation of 11 kV Medium Voltage Covered Conductor (MVCC) with accessories as per technical specifications, approved drawings and scope of work.				
5	11 KV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Rabbit Covered Conductor (52.88mm2)	CKm	157	21000	3297000
5	11 KV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKm	30	21000	630000
6	Removal / Dismantling of ex. HT Line conductor (All Size), Removal of Hardware and Crediting to store including transportation as REQUIRED & DIRECTED BY ENGINEER-IN-CHARGE.	Km	187	3850	719950
7	Installation of Guarding under HT line passing through road crossing, river crossing, dence populated area, Public gathering places and village/city street etc. as per site situation, as per technical specifications, approved drawings and scope of work.	Km	37.4	19035	711909
8	Erection of Double pole structure using 8 meter long /200 KG PSC Poles (PSC Pole as per state practice), Psc pole-2No., MS Angel 65x65x6mm-2No, Nutbolt of size-180X16mm as per technical specification and drawing	No	187	3525	659175
10	Replacment of V-X-Arm with D Clamp and Top Clamp	No	748	208	155584
11	Straightning of Tilted V-X-Arm & Top fitting/ Tapping Angle	No	748	74	55352
13	Straightning of Tilted PSC/Girder pole	No	374	250	93500
Total Installation, Testing & Commissioning Amount of Schedule-B2 in Rs. excluding GST					9962451.00
18% GST					1793241.18
Total Installation, Testing & Commissioning Amount of Schedule-B2 including GST					11755692.18
Grand Total : SCHEDULE-B1 + SCHEDULE-B2 including GST					112448342.80