

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 Halvad Division under Morbi Circle of PGVCL under SI Scheme (Package 3)

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)	101078776.48
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)	11993898.00
C	Total Amount : C=A+B (Without GST)	113072674.48
D	Bidder's Offer (+/-) in %	
E	Offered Total Amount for Supply and Erection (Without GST)	113072674.48
F	GST @18% on Offered Total Amount "E"	20353081.41
G	Grand Total Amount (With GST)	133425755.89

SCHEDULE-B

Supply, Installation, Testing and Commissioning) of 11 KV MVCC (Base conductor AL-59) Medium Voltage Covered Conductor (MVCC) with its accessories in MVCC accessories and other line item are taken considering SI DPR per CKM,

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				
1.01	8 meter long /200 KG PSC Poles (PSC Pole as per state practice)	No.	1130	2777	3138010
1.02	11 m long H-Beam 116X110 mm, 23 kg/mtr (RSJ Pole as per state practice)	No.	226	11393	2574818
1.04	CAUTION & DANGER BOARD (with suitable clamps)	No.	5650	99	559350
1.05	Barbed wire for anti-climbing device (Quantity per pole is 1.6Kg)	MT	9.04	59812	540700.48
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				
2.01	11KV V Cross Arms	No.	2260	1068	2413680
2.02	D-Clamp/ Angle Bara with Nuts and bolts of size 65X16mm- 2 Nos.	No.	2260	250	565000
2.03	HT Top fitting with Nut bolts of size 180X16 MM - 2 Nos.	No.	2260	250	565000
3	Insulator and hardware as per technical specification, approved drawings and scope of work.				
3.01	11 KV Polymer Pin Insulators	No.	6780	214	1450920
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	3164	1139	3603796
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	2938	498	1463124
6	Supply of 11 kV Medium Voltage Covered Conductor (MVCC) with accessories as per technical specifcatons, approved drawings and scope of work.				
6.01	11 kV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Rabbit Covered Conductor (52.88mm2)	CKM	208	252425	52504400
6.01	11 kV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKM	18	356416	6415488
6.02	Wedge Type Tension Assembly with IPC	No.	13560	563	7634280
6.03	Helical Tie (Suitable for polymer and porcelain insulators)	No.	28250	210	5932500
6.04	Surge Arrestor	No.	1356	392	531552
6.05	Tension Joints (For Rabit & Dog Covered Conductor)	No.	1356	463	627828
6.06	Insulation Piercing Connector (All Type)	No.	16950	498	8441100
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	45.20	15665	708058.00
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.	226	4272	965472

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.	450	986	443700
Total supply amount of Schedule-B1 in Rs. excluding GST					101078776.48
18% GST					18194179.77
Total supply amount of Schedule-B1 in Rs. including GST					119272956.25

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	226	2258	510308
2	Erection of Poles and its related activities				
2.01	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	1130	775	875750
2.02	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.	226	2680	605680
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	3164	425	1344700
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	3388	300	1016400
5	Installation of 11 kV Medium Voltage Covered Conductor (MVCC) with accessories as per technical specifications, approved drawings and scope of work.				
5.01	11 KV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Rabbit Covered Conductor (52.88mm2)	CKm	208	21000	4368000
5.02	11 KV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKm	18	21000	378000
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	226	3850	870100
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	45.2	19035	860382
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	226	3525	796650
10	Replacment of V-X-Arm with D Clamp and Top Clamp	No	904	208	188032
11	Straightning of Tilted V-X-Arm & Top fitting/ Tapping Angle	No	904	74	66896
13	Straightning of Tilted PSC/Girder pole	No	452	250	113000
Total Installation, Testing & Commissioning Amount of Schedule-B2 in Rs. excluding GST					11993898.00
18% GST					2158901.64
Total Installation, Testing & Commissioning Amount of Schedule-B2 including GST					14152799.64
Grand Total : SCHEDULE-B1 + SCHEDULE-B2 including GST					133425755.89