

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 Rajkot City Circle of PGVCL under SI Scheme (Package 1)

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)	71301715.08
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)	7886058.00
C	Total Amount : C=A+B (Without GST)	79187773.08
D	Bidder's Offer (+/-) in %	
E	Offered Total Amount for Supply and Erection (Without GST)	79187773.08
F	GST @18% on Offered Total Amount "E"	14253799.15
G	Grand Total Amount (With GST)	93441572.23

PRICE BID

Supply, Installation, Testing and Commissioning) of 11 KV MVCC (Base conductor AL-59) Medium Voltage Covered Conductor (MVCC) with its accessories in feeder of Rajkot City 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-1 (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.	730	2777	2027210
1.02	11 m long H-Beam 116X110 mm, 23 kg/mtr (RSJ Pole as per state practice)	No.	146	11393	1663378
1.04	CAUTION & DANGER BOARD (with suitable clamps)	No.	3650	99	361350
1.05	Barbed wire for anti-climbing device (Quantity per pole is 1.6Kg)	MT	5.84	59812	349302.08
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.	1460	1068	1559280
2.02	D-Clamp/ Angle Bara with Nuts and bolts of size 65X16mm- 2 Nos.	No.	1460	250	365000
2.03	HT Top fitting with Nut bolts of size 180X16 MM - 2 Nos.	No.	1460	250	365000
3	Insulator and hardware as per technical specification, approved drawings and scope of work.				
3.01	11 KV Polymer Pin Insulators	No.	4380	214	937320
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	2044	1139	2328116
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 -10mm 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	1898	498	945204
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	81	252425	20446425
6.01	11 kV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKM	65	356416	23167040
6.02	Wedge Type Tension Assembly with IPC	No.	8760	563	4931880
6.03	Helical Tie (Suitable for polymer and porcelain insulators)	No.	18250	210	3832500
6.04	Surge Arrestor	No.	876	392	343392
6.05	Tension Joints (For Rabit & Dog Covered Conductor)	No.	876	463	405588
6.06	Insulation Piercing Connector (All Type)	No.	10950	498	5453100
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	29.20	15665	457418.00

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.	146	4272	623712
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.	750	986	739500
TOTAL:SCHEDULE 1: Supply Part in Rs. excluding GST					71301715.08
18% GST					12834308.71
TOTAL:SCHEDULE 1: Supply Part in Rs. excluding GST					84136023.79

SCHEDULE-2 (INSTALLATION/ERECTION CHARGES)

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	146	2258	329668
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	730	775	565750
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.	146	2680	391280
3	Installation of GUY SET WITH PRE-FORMED FITTING, Anchor Rod/ Guy Rod - 1 No, Turn Buckel - 1 No, Eye Bolt/ 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	2044	425	868700
4	Installation of Coil/Strip type Earthing consist of (a) 8 SWG GI wire for earthing coil- 1.7 Kg (b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No (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) using existing earthing pit as per approved drawings, technical specifications and scope of work.	Set	2648	300	794400
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	81	21000	1701000
5.02	11 KV Medium Voltage Covered Conductor (MVCC) with base conductor AL59 ACS Dog Covered Conductor (104.98mm2)	CKm	65	21000	1365000
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	146	3850	562100.00
7	Installation of Guarding under HT line passing through road crossing, river crossing, dense 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	29.2	19035	555822
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	146	3525	514650
10	Replacment of V-X-Arm with D Clamp and Top Clamp	No	584	208	121472
11	Straightning of Tilted V-X-Arm & Top fitting/ Tapping Angle	No	584	74	43216
13	Straightning of Tilted PSC/Girder pole	No	292	250	73000
TOTAL :SCHEDULE-2 (INSTALLATION/ERECTION CHARGES) in Rs. excluding GST					7886058.00
18% GST					1419490.44
Total : SCHEDULE-2 including GST					9305548.44
Grand Total : SCHEDULE-1 + SCHEDULE-2 including GST					93441572.23