

Annexure-1

Name of the Work: Supply, Installation, Testing, Commissioning of 11/0.4KV,500KVA Plinth mounted S/s with ancillary work at MLCP, Saheed Nagar.

BOQ (Bill of Quantities)

SI No	Name of the work / Materials	Unit	Quantity	Unit Rate	Amount
	Supply, Installation, Testing, Commissioning of 11/0.4KV,500KVA Plinth mounted S/s with DP control arrangement with LT Distribution Box having 500 KVA, 11/0.433 KV, 3 Phase, 50 Hz, Core type, Outdoor type, Natural Oil Cooled, Copper wound, with vector group Dyn11, Distribution transformer manufactured as per IS: 1180 (Part 1): 2014 BIS level II & Star-I with complete fittings, accessories, first filling of oil and LT side cable end box having tap changer ranging from +5% to -10% in step of 2.5% each as per latest specification, 1 I MTR RS Joist 150X 150MM DP, 11KV 400Amp AB Switch, 11 KV 400Amp HG Fuse, 1 IKV 12KV 10KA LA, HT Stay with complete Set, 7nos earthing with complete set (3Mtr GI pipe, bentonite powered etc.) having Earth Chamber 50X6 GI Flat for earthing connection to the equipment along with required size channel, angle, nuts bolts etc required for D/P. Supply of material, earth work excavation with construction of Plinth for Transformer, Distribution Box, Concerting of Pole pits, stay pits and coupling of Pole, Erection of GI fencing for the substation yard with gate and metal spreading as per standard. Supply of materials and painting of metals parts by red oxide, aluminum, Black paint as required.	No	1	16,84,171.09	16,84,171.09
2	Supply, Transportation, loading of 1 I KV 3core 120 Sq MM Armoured XLPE Cable	Mtr	50	904.80	45,240.00
3	Supply, Transportation, loading of Heat shrinkable jointing lit 3CX 120 sq mm 11KV XLPE Cable indoor type	Set	2	11,677.28	23,354.56
4	Supply, Transportation, loading of Heat shrinkable jointing lit 3CX 120 sq mm 11KV XLPE Cable outdoor type	Set	2	16,140.87	32,281.74
5	Supply, transportation, loading of HDPE Pipe PE 80-PN8 Pipe of 110 diameters for 120 sq mm HT cable laying	Mtr	50	395.95	19,797.50
6	Laying, Commissioning, Testing of 11KV 3core 120 Sq MM UG cable by open trench method & overhead fixing in DP	Mtr	50	20.00	1000.00
7	Erection of Indoor termination kits Heat Shrinkable type for 11KV 3core 120 sq mm UG cable kits for 3core (set)	Set	2	1900.80	3,801.60
8	Erection of outdoor termination kits Heat Shrinkable type for 11KV 3core 120 sq mm UG cable kits for 3core (set)	Set	2	1900.80	3,801.60
9	Laying of HDPE Pipe PE 80-PN8 Pipe of 110 diameters for 120 sq mm HT cable laying	Mtr	50	300.00	15,000.00
10	Civil works for Trench with supply of all materials like cement, Bricks, rod, coarse, fine aggregates, labour, masonry work with slab for laying of cable 1 mtr depth & RCC cover Tray arrangement with angle for cable laying & sand filling for cable protection of cable	Mtr	15	5,118.00	76,770.00

11	Supply installation, Testing, Transportations. loading, unloading, detail commissioning, Design, fabrication, assembly, wiring, supply of outdoor LT panel suitable for use at 415Volts, 3-ph-wire 50Hz system. The panel must have 1 nos of incomer 1 600AMP 4P Isolator with Multifunction Meter with phase indicating lamp Protection , 3nos of Outgoing feeder each capacity of 800A,,3P+N switch disconnecter with 800A HRC Fuse phase indicating lamp Protection .The panels fabricated from 2.0mm outer thick CRCA MS sheets with hinged gasket and lockable doors having structural reinforcement with suitable angle/channel/T/flat sections including gland plates with required size with earthing terminals and powered coated paint finish over metal surface. Incomer: - top cable entry., Outgoing: - top cable entry. All the components shall be accessible from front. Interchangeable facility of same type of feeder components/modules. Rubber gasket shall be provided for all the doors, removable covers & between adjacent covers. Lifting hooks for all the shipping sections. The incoming and outgoing feeders shall be accommodated from top of the panel. arrangement etc as per direction of Engineer In charge.	No	1	3,39,952.00	3,39,952.00
12	Supply installation, Testing, erection, laying of 3.5 Core 400 sq MM XLPE Cable Armoured	Mtr	150	2,701.71	4,05,256.50
13	Supply, installation, Testing, erection, laying of single core 400Sq MM LT XLPE cable Armoured	Mtr	450	731.07	3,28,981.50
14	Supply, installation, Testing, erection, laying of 3.5 Core 300 sq MM XLPE Cable Armoured	Mtr	520	2,113.36	10,98,947.20
15	Supply, fixing, socketing of Aluminum Cable Socket of 400Sqmm in cable	No	40.00	79.36	3,174.40
16	Supply, fixing, socketing Aluminum Cable Socket of 300Sqmm in cable	No	40.00	79.36	3,174.40
17	supply and fixing of Ampere Tape, PVC tape of different colours as required	LS			2,000.00
18	Supply, fixing and fitting of Brass compression Gland for 3.SC 300 Sqmm cable in panel/ Distribution Box	Set	15.00	252.85	3,792.75
19	Supply, fixing and fitting of Brass compression Gland for 3.5C 400 Sqmm cable in panel/Distribution Box	Set	20.00	252.85	5,057.00
20	Concrete Core Cutting of Wall and Roof of the Building for Laying of Cables	LS			15,000.00

(Say) 41,10,553.84
41,10,554.00

(Rupees Forty-one Lakh Ten Thousand five hundred fifty-four only excluding GST amount)

No of Items: 20 nos (Twenty nos)

Rate quoted by the Tenderer: () Percentage Excess over the cost put to tender.

() Percentage less than the cost put to tender.

At par the cost put to tender.

No of correctons:

No of over writing:

No of interpolation:

Signature of the Contractor