Tender Inviting Authority: RECPDCL, New Delhi on behalf of JKPDD

Name of Work: CONSTRUCTION OF 11 KV LINE, INSTALLATION/AUGMENTATION OF DISTRIBUTION TRANSFORMERS ALONG WITH OTHER ASSOCIATED WORKS IN GANDERBAL CIRCLE (SUMBHAL & BANDIPORE TOWN) ON TURNKEY BASIS UNDER R-APDRP Part-B

Tender Reference No : No. RECPDCL/TECH/JKPDD/e-Tender/2017-18/1755 Dated: 21.08.2017

Bidder Name:

PRICE BID

1. This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns after validating the sheet, else the bidder is liable to be rejected for this tender.
2. Bidders are allowed to enter the Bidder Name and Values only.
3.The Ex-works price is exclusive of all taxes & duties and bidders shall fill Ex-work price, GST, any other taxes (if applicable), Freight & Insurance Charges and Erection charges and Service Tax in Rupees for each of the item seperately in respective column. If taxes are not filled seperately, RECPDCL may bifurcate the Ex-work Price quoted by the bidder into Ex-works Prices and applicable taxes as per prevailing rate of taxes.
4. Taxes shall be paid actual as per evidence produced.
5. If any taxes are exempted/waived by Union/State Government during the currency of contract, it shall be the responsiblity of the contractor to avail such exemptions. Payment against such exempted taxes shall not be released.
6. The entire work is to be done on 'Turnkey' basis. Therefore the bidder should include the cost of all the items necessary to complete the work for successful commissioning of the equipment.
7. All the material and erection practices shall be as per tender specification and wherever not specified, shall be as per REC Standard.
8. Form 'C' and Road Permit shall not be Issued.
9. Bidder shall quote equal rate for supply of same material. In case of any inconsistency in the prices furnished in the specified price schedules to be identified in Bid Form for this purpose, the Employer shall be entitled to consider the highest price for the purpose of evaluation and for the purpose of award of the Contract use the lowest of the prices in these schedules
10. Financial evaluation and selection of 'L-1 Bidder' shall be on the basis of total price inclusive of all taxes.

						Supply Portion					Erection Portion						Total		
Sl. No.	Item Description	Quantity (R-APDRP Part-B)				Ex-Works Price (Rs./Unit)	GST (Rs/Unit)	Any Other Taxes if applicable (Rs/Unit)	Unit Supply Price incl. all Taxes & Duties (Rs./Unit) (7+8+9)	Total Supply Price icnl. all Taxes & Duties (in Rs.) (6x10)	Freight & Insurance Charges (Rs./Unit)	GST on Freight & Insurance Charges (Rs/Unit)	Erection Charges (Rs./Unit)	GST on Erection Charges (Rs/Unit)	Unit Erection Price incl. all taxes and F&I Charges (in Rs./Unit) (12+13+14+15)	Total Erection Price incl. all taxes and F&I Charges (in Rs) (6X16)	Unit Price for Supply, F&I and Erection charges inclusive of all Taxes (in Rs.) (10+16)	Total Price for Supply, F&I and Erection charges inclusive of all Taxes (in Rs.) (6x18)	Bought out or Direct Items to specified by th Bidder
		Units	Sumbhal	Bandipore	Total														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	**New 11 kV Lines**																		
1	9 M long Steel Tubular poles with welded steel base plate of Designation 410 SP -33(IS 2713, Pt I, II, III 1980.)	Nos	133.00	133.00	266				0.00	0.00					0.00	0.00	0.00	0.00	
2	11 M long Steel Tubular poles with welded steel base plate of Designation 410 SP- 56(IS 2713, Pt I, II, III 1980.)	Nos	14.00	35.00	49.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	12kV, 200A, 25kA for 3sec, 3-ph, 3 Pin type, Horizontal/Vertical Mounting type (as desired by DISCOM), Gang Operated, AB Switch along with Support Insulators, Base Channel down Pipe, Arcing Horns etc. complete as	Sets	4.00	5.00	9.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	Pre-fabricated steel items (Galvanised) like V cross arm, top clamp, DC cross arm, bracket, clamps, cross bracings, bracings, strain plate, guarding channels, back clamp, transformer mounting structure etc made of MS Channels (100x50x6mm), MS angle (65x65x6mm), MS flats (65x8mm) of given sizes for over head structures as per technical specification, approved drawings and scope of work	Kg	3983.00	5121.00	9104				0.00	0.00					0.00	0.00	0.00	0.00	
5	ACSR Conductors of following sizes with Jointing sleeves, binding materials, PG clamps, bi-metallic clamp, hardware etc for overhead line and jumpers as required as per technical specification, approved drawings and scope of work i) 6/3.35 + 1/3.35 mm (50 mm² Al. Area) - Rabbit	km	22.05	22.05	44.1				0.00	0.00					0.00	0.00	0.00	0.00	
6	ACSR Conductors of following sizes with Jointing sleeves, binding materials, PG clamps, bi-metallic clamp, hardware etc for overhead line and jumpers as required as per technical specification, approved drawings and scope of work i) 6/4.72 + 7/1.57 mm (100 mm² Al. Area) - Dog	km	0.00	6.30	6.30				0.00	0.00					0.00	0.00	0.00	0.00	
7	Stay Set (Galvanised) with 50x8 mm stay clamp, stay insulator (2 Nos.), anchor plate (200x200x6), nut bolts, 2 Nos turn-buckles, 1.8 m long, 16 mm diameter solid GS stay rod & 7/3.15 mm dia GI stranded wire complete	Sets	42.00	54.00	96				0.00	0.00					0.00	0.00	0.00	0.00	
8	MS Nuts, Bolts with Washers (Galvanised).	Kg	210.00	270.00	480				0.00	0.00					0.00	0.00	0.00	0.00	
9	Insulator and hardware (Galvanised) i)11 KV Polymer /porcelain Pin Insulators with GI PIN	Nos	399.00	513.00	480				0.00	0.00					0.00	0.00	0.00	0.00	
10	11kV Porcelain Disc Insulator shall be 45kN below 100sqmm and 70kN for 100sqmm and above along with suitable hardware fittings	Nos	84.00	108.00	192.00				0.00	0.00					0.00	0.00	0.00	0.00	
11	Earthing arrangement as per technical specificatons, approved drawings and scope of work. i) GI Earthing spike made of 20mm solid Rod or 8 SWG GI Coil 115 turns (1.85 kg)	Nos	147.00	168.00	315				0.00	0.00					0.00	0.00	0.00	0.00	
12	8 SWG GI wire for earthing and guarding with GI nuts, bolts & washers	Kg	567.00	729.00	1296.00				0.00	0.00					0.00	0.00	0.00	0.00	
13	Red oxide Paint	Ltr.	73.50	94.50	168				0.00	0.00					0.00	0.00	0.00	0.00	
14	Aluminium Paint	Ltr.	73.50	94.50	168.00				0.00	0.00					0.00	0.00	0.00	0.00	
15	Cement concrete foundation using cement concreting , 1 part cement, 3 part sand, 6 part 40 mm size stone aggregate chips (1:3:6) etc as per scope of work, approved drawings and specifications	Nos	147.00	168.00	315.00				0.00	0.00					0.00	0.00	0.00	0.00	
16	(Galvanised) danger plate, with Clamps.	Nos	147.00	168.00	315				0.00	0.00					0.00	0.00	0.00	0.00	
17	Anticlimbing devices(barbed wire) with clamps & bolts	Nos	147.00	168.00	315				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (A)					0	0	0	0	0	0	0	0	0	0	0	0	0	
B	**NEW 11 KV LINES (AB Cable)**																		
1	9 M long Steel Tubular poles with welded steel base plate of Designation 410 SP -33(IS 2713, Pt I, II, III 1980.)	Nos	90.00	54.00	144.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	11 M long Steel Tubular poles with welded steel base plate of Designation 410 SP- 56(IS 2713, Pt I, II, III 1980.)	Nos	10.00	6.00	16				0.00	0.00					0.00	0.00	0.00	0.00	
3	Galvanised Stay Set with anchor plate (200x200x6mm), 50x8mm stay clamp, Stay guy insulator, nut bolts, 2 Nos turn buckles, 1.8 m long, 16 mm diameter solid GS Stay rod & 7/3.15 mm Dia GI stranded wire .	Sets	30.00	18.00	48.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	AERIAL BUNCHED XLPE CABLE 3 X 50SQ.MM+1x70 SQ. MM including tension clamps for dead end, suspension clamps, clamps for neutral, piercing connectors type-I & type-II, 16 mm dia MS nuts & bolts, pole clamps, spring loaded bus bar.	Km	5.25	3.15	8.4				0.00	0.00					0.00	0.00	0.00	0.00	
5	Heat shrinkable outdoor termination kits for 50sqmm/35sqmm 11kV AB Cable	Nos	15.00	9.00	24				0.00	0.00					0.00	0.00	0.00	0.00	
6	Earthing arrangement as per technical specificatons, approved drawings and scope of work. i) GI Earthing spike made of 20mm solid Rod or 8 SWG GI Coil 115 turns (1.85 kg)	Nos	100.00	60.00	160				0.00	0.00					0.00	0.00	0.00	0.00	
7	8 SWG GI wire for earthing and guarding with GI nuts, bolts & washers	kgs	405.00	243.00	648.00				0.00	0.00					0.00	0.00	0.00	0.00	
8	Red oxide paint	Ltr.	50.00	30.00	80				0.00	0.00					0.00	0.00	0.00	0.00	
9	Aluminium Paint	Ltr.	50.00	30.00	80.00				0.00	0.00					0.00	0.00	0.00	0.00	
10	Cement bottoming using concrete mix (1:3:6)	Nos	100.00	60.00	160.00				0.00	0.00					0.00	0.00	0.00	0.00	
11	Danger Plates	Nos	100.00	60.00	160				0.00	0.00					0.00	0.00	0.00	0.00	
12	Anti Climbing devices(Barbed wire) with clamps hardware	Nos	20.00	20.00	40.00				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (B)					0	0	0	0	0	0	0	0	0	0	0	0	0	
C	**Distribution Transformer Substation**																		
1	New (Level-II) 11/.4 KV, 3 phase, 100 KVA Al. wound Distribution Transformer with CT's of rating 150/5 A	Nos	8.00	43.00	51.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	New (Level-II) 11/.4 KV, 3 phase, 250 KVA Al. wound Distribution Transformer with CT's of rating 400/5 A	Nos	0.00	4.00	4.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	New (Level-II) 11/.4 KV, 3 phase, 63 KVA Al. wound Distribution Transformer with CT's of rating 100/5 A	Nos	19.00	122.00	141.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	New (Level-II) 11/.4 KV, 3 phase, 25 KVA Al. wound Distribution Transformer	Nos	67.00	44.00	111.00				0.00	0.00					0.00	0.00	0.00	0.00	
5	9KV, 10KA Lightening Arrester (sets of 3 Nos) for DT.	Set	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
6	11 kV, 3-ph, 200 A, 3 Pin type, Horizontal/Vertical Mounting type (as desired by DISCOM), Gang Operated, AB Switch along with Support Insulators, Base Channel, down Pipe, Arcing Horns etc.	Set	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
7	11 kV, 3-ph, Drop Out fuse units (set of 3 units) along with Support Insulators, Base Channel, fuse barrel etc. complete .	Set	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
8	1.1 KV XLPE Aluminium Conductor, Stranded, unarmoured cable for connection of transformer LV bushing to Distribution Box and Distribution box to overhead line. i) 1 C X70 Sqmm Al conductor cable	Mtr.	380.00	2440.00	2820.00				0.00	0.00					0.00	0.00	0.00	0.00	
9	1 C X 185 Sqmm, 1.1 KV XLPE cable same as above	Mtr	0.00	176.00	176.00				0.00	0.00					0.00	0.00	0.00	0.00	
10	1 C X 120Sqmm, 1.1 KV XLPE cable same as above	Mtr	160.00	860.00	1020.00				0.00	0.00					0.00	0.00	0.00	0.00	
11	1 C X 35Sqmm, 1.1 KV XLPE cable same as above	Mtr	670.00	440.00	1110.00				0.00	0.00					0.00	0.00	0.00	0.00	
12	Stay Rod with stay wire 7/3.15mm,Turn Buckle,bow tightner,guy clamps,anchor plates and guy insulatore	Nos	242.00	764.00	1006.00				0.00	0.00					0.00	0.00	0.00	0.00	
13	9 M long Steel Tubular poles with welded steel base plate of Designation 410 SP 33(IS 2713, Pt I, II, III 1980).	Nos	188.00	426.00	614.00				0.00	0.00					0.00	0.00	0.00	0.00	
14	Cement bottoming using concrete mix (1:3:6)	Nos	188.00	426.00	614.00				0.00	0.00					0.00	0.00	0.00	0.00	
15	Porcelain 11kV Disc Insulator 45kN below 100sqmm conductor and 70kN for 100sqmm and above conductor with Galvanized suitable hardware fittings	Nos	282.00	639.00	921.00				0.00	0.00					0.00	0.00	0.00	0.00	
16	Pre-fabricated steel items (Galvanised) like DC cross arm (100x50x6 mm), back clamps (65x8 mm), pole clamp (65x8 mm), DO mounting channel (100x50x6 mm), transformer mounting channel (100x50x6 mm), transformer clamping set (50x50x6 mm), transformer belting set (50x50x6 mm)	Kg	18800.00	42600.00	61400.00				0.00	0.00					0.00	0.00	0.00	0.00	
17	Galvinized MS Nuts & Bolts with Washers	Kg	752.00	1704.00	2456.00				0.00	0.00					0.00	0.00	0.00	0.00	
18	Out door mounting type Distribution Box for 3 Ph 250 KVA Transformer having 200 A HRC fuse (incomer), 250 A TPN MCCB and 3 Nos. 100 A MCCB (outgoing), 30 Nos. 25 A SP MCB (outgoing)	Nos	0.00	4.00	4.00				0.00	0.00					0.00	0.00	0.00	0.00	
19	Out door mounting type Distribution Box for 3 Ph 100 KVA Transformer having 200 A HRC fuse (incomer), 200 A TPN MCCB and 3 Nos. 80 A MCCB (outgoing), 12 Nos. 25 A SP MCB (outgoing)	Nos	8.00	43.00	51.00				0.00	0.00					0.00	0.00	0.00	0.00	
20	Out door mounting type Distribution Box for 3 Ph 63 KVA Transformer having 200 A HRC fuse (incomer), 100 A TPN MCCB and 6 Nos. 25 A SP MCB (outgoing)	Nos	19.00	122.00	141.00				0.00	0.00					0.00	0.00	0.00	0.00	
21	Out door mounting type Distribution Box for 3 Ph 25KVA Transformer having 200 A HRC fuse (incomer), 63 A TPN MCCB and 3 Nos. 25 A SP MCB (outgoing)	Nos	67.00	44.00	111.00				0.00	0.00					0.00	0.00	0.00	0.00	
22	Out door mounting type Distribution Box for3 Ph 250 KVA Transformer having 600 A TPN isolator, 315 A HRC fuse (incomer) and 9 Nos. 120 A SP MCCB (outgoing)	No	1.00	1.00	2.00				0.00	0.00					0.00	0.00	0.00	0.00	
23	Pipe earthing using 40mm dia GI pipe 3000 mm long, as per IS 1161, making earth grid using 50x6mm GI Flat and riser.	Nos	282.00	639.00	921.00				0.00	0.00					0.00	0.00	0.00	0.00	
24	ACSR Rabbit Conductor for jumpering.	km	1.41	3.20	4.61				0.00	0.00					0.00	0.00	0.00	0.00	
25	PG Clamps, bi-metallic connectors, hardware for jumpering	sets	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
26	GI Sstrip 25X3 mm for earthing	Kg	1880.00	4260.00	6140.00				0.00	0.00					0.00	0.00	0.00	0.00	
27	Anti-climbing Devices(barbed wire) with Clamps	Kg	188.00	426.00	614.00				0.00	0.00					0.00	0.00	0.00	0.00	
28	Danger plates	Nos	188.00	426.00	614.00				0.00	0.00					0.00	0.00	0.00	0.00	
29	Red Oxide paint	Ltr.	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
30	Aluminium Paint	Ltr.	94.00	213.00	307.00				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (C)					0	0	0	0	0	0	0	0	0	0	0	0	0	
D	**Augumentation of 11 KV lines**																		
1	Additional supports of 9 meter long Steel Tubular poles with welded steel base plate of Designation 410 SP 33 (IS 2713).	Nos	11.00	11.00	22.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	11 meter long Steel Tubular poles with welded steel base plate of Designation 410 SP 56 (IS 2713).	Nos	9.00	6.00	15.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	New Pre-fabricated steel items like V cross arm, top clamp, DC cross arm, bracket, clamps, cross bracings, bracings, strain plate, guarding channels, back clamp, transformer mounting structure made of MS Channels, MS angle, MS flats of given sizes for over head structures as per technical specification, approved drawings and scope of work.	Kgs	202.50	135.00	337.50				0.00	0.00					0.00	0.00	0.00	0.00	
4	6/4.72 mm+7/1.57 mm (100 mm² Al. Area) - Dog by replacing existing rabbit condcutor including jointing sleeves, binding material and helicon formed fittings ,T Clamps etc.	kms	14.18	3.15	17.33				0.00	0.00					0.00	0.00	0.00	0.00	
5	6/3.35 mm+7/3.35 mm (100 mm² Al. Area) - Rabbit by replacing existing weasal condcutor including jointing sleeves, binding material and helicon formed fittings ,T Clamps etc.	kms	0.00	6.30	6.30				0.00	0.00					0.00	0.00	0.00	0.00	
6	11kV Porcelain Disc Insulator shall be 45kN below 100sqmm and 70kN above 100sqmm along with suitable hardware fittings	Nos.	54.00	36.00	90.00				0.00	0.00					0.00	0.00	0.00	0.00	
7	11 KV porcelain PIN insulator 10 KN along with GI Pins	Nos.	60.00	51.00	111.00				0.00	0.00					0.00	0.00	0.00	0.00	
8	New 11kV, 200A, 25kA, 3-ph, 3 Pin type, Horizontal/Vertical Mounting type (as desired by DISCOM), Gang Operated, AB Switch along with Support Insulators, Base Channel down Pipe, Arcing Horns etc.	Set	3.00	3.00	6.00				0.00	0.00					0.00	0.00	0.00	0.00	
9	New Stay Set (Galvanised) with 50x8 mm stay clamp, guy insulator, anchor plate (200x200x6mm) , nut bolts, 2 Nos turn-buckles, 1.8 m long, 16 mm diameter solid GI stay rod & 7/3.15 mm dia GI stranded wire complete	Set	27.00	18.00	45.00				0.00	0.00					0.00	0.00	0.00	0.00	
10	Earthing arrangement by GI Earthing spike made of 20mm solid Rod or 8 SWG GI Coil 115 turns (1.85 kg)	Nos	20.00	17.00	37.00				0.00	0.00					0.00	0.00	0.00	0.00	
11	8 SWG and 6SWG New wire for earthing and Guarding	kg	36.00	24.00	60.00				0.00	0.00					0.00	0.00	0.00	0.00	
12	Galvanised danger plate	Nos	20.00	17.00	37.00				0.00	0.00					0.00	0.00	0.00	0.00	
13	Anticlimbing devices(Barbed wire) with clamps&hard ware.	Nos	20.00	17.00	37.00				0.00	0.00					0.00	0.00	0.00	0.00	
14	Cementing bottoming with (1:3:6) cement concrete.	Nos	20.00	17.00	37.00				0.00	0.00					0.00	0.00	0.00	0.00	
15	Red oxide paint	Ltr.	10.00	8.50	18.50				0.00	0.00					0.00	0.00	0.00	0.00	
16	Aluminium Paint	Ltr.	10.00	8.50	18.50				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (D)					0	0	0	0	0	0	0	0	0	0	0	0	0	
E	**conversion of existing LT lines on bare conductor to Areal bunch cable**																		
1	Additional Supports of **8m/250kg W/L PCC Poles**	Nos	36.00	51.00	87.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	Additional Supports of 9m/300kg W/L PCC Poles	Nos	24.00	34.00	58.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	New Galvanised Stay Set with anchor plate (200x200x6mm), 50x8mm stay clamp, Stay guy insulator, nut bolts, 2 Nos turn buckles, 1.8 m long, 16 mm diameter solid GS Stay rod & 7/3.15 mm Dia GI stranded wire etc.	Sets	770.00	770.00	1540.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	New earthing by Spike Earthing made of 20mm GI solid Rod	Sets	60.00	85.00	145.00				0.00	0.00					0.00	0.00	0.00	0.00	
5	8 SWG GI wire for earthing and guarding	kgs	500.00	500.00	1000.00				0.00	0.00					0.00	0.00	0.00	0.00	
6	New AERIAL BUNCHED XLPE CABLE 3 X 120 SQ.MM+1x70 SQ. MM.+1x16 SQ. MM complete with tension clamps for dead end, suspension clamps, clamps for neutral, piercing connectors type-I & type-II, 16 mm dia MS nuts & bolts, pole clamps, spring loaded bus bar suitable for single phase and three phase systems etc. for conversion of bare conductor LT line to AB Cable.	Km	4.73	2.10	6.83				0.00	0.00					0.00	0.00	0.00	0.00	
7	New AERIAL BUNCHED XLPE CABLE 3 X 50 SQ.MM+1x 35 SQ. MM.+1x16 SQ. MM complete with tension clamps for dead end, suspension clamps, clamps for neutral, piercing connectors type-I & type-II, 16 mm dia MS nuts & bolts, pole clamps, spring loaded bus bar suitable for single phase and three phase systems etc. for conversion of bare conductor LT line to AB Cable.	Km	7.88	15.75	23.63				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (E)					0	0	0	0	0	0	0	0	0	0	0	0	0	
F	**Improvement of Existing LT/HT Lines**																		
1	8m/250kg W/L PCC Poles	NO	100.00	90.00	190.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	9mtr ST Pole 410SP33	NO	40.00	25.00	65.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	Cementing bottoming with (1:3:6) cement concrete.	NO	140.00	115.00	255.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	New earthing by Spike Earthing made of 20mm GI solid Rod	NO	40.00	25.00	65.00				0.00	0.00					0.00	0.00	0.00	0.00	
5	Red Oxide	KG	20.00	12.50	32.50				0.00	0.00					0.00	0.00	0.00	0.00	
6	Aluminium Paint	KG	20.00	12.50	32.50				0.00	0.00					0.00	0.00	0.00	0.00	
7	Pre-fabricated steel items (Galvanised) like V cross arm, top clamp, DC cross arm, bracket, clamps, cross bracings, bracings, strain plate, guarding channels, back clamp, transformer mounting structure etc made of MS Channels (100x50x6mm), MS angle (65x65x6mm), MS flats (65x8mm) of given sizes for over head structures as per technical specification, approved drawings and scope of work	KG	1800.00	1125.00	2925.00				0.00	0.00					0.00	0.00	0.00	0.00	
8	Suspension/Tension Clamps	NO	100.00	90.00	190.00				0.00	0.00					0.00	0.00	0.00	0.00	
9	New 9KV, 10 KA Distribution Class Lightening Arrester for DT as per technical specification with galvanised nuts and bolts	set	9.00	16.00	25.00				0.00	0.00					0.00	0.00	0.00	0.00	
10	New 11 kV, 3-ph, 200 A, 3 Pin type, Vertical Mounting type, Gang Operated, AB Switch along with Support Insulators, Base Channel, down Pipe, Arcing Horns etc. complete as per technical specifications, with Galvanised nuts and bolts	set	9.00	16.00	25.00				0.00	0.00					0.00	0.00	0.00	0.00	
11	11kV, 200 A, 3-ph Drop Out fuse assembly including insulators and mounting arrangements, jumpering from bus bar, hardware, etc as required as per technical specifications.with Galvanised nuts and bolts	set	9.00	16.00	25.00				0.00	0.00					0.00	0.00	0.00	0.00	
12	Revamping of Distribution Transformer substation earthing by using 40 mm dia 3 meter long GI pipe earthing, using 50x6 mm GS flat for earth mat and riser and 25x3mm GS flat for connecting equipment, using 200 kg bentonite powder of substation in normal soilte	set	0.00	11.00	11.00				0.00	0.00					0.00	0.00	0.00	0.00	
13	Revamping of Distribution Transformer substation earthing by using 3 Nos. chemical rod earthing including electrode & chemical, 50x6 mm GS flat for earth mat and riser and 25x3mm GS flat for connecting equipment in hard rock soil.	set	9.00	0.00	9.00				0.00	0.00					0.00	0.00	0.00	0.00	
14	Energy meter 1 ph 10-60 Amp.	Nos	850.00	2179.00	3029.00				0.00	0.00					0.00	0.00	0.00	0.00	
15	Fired boltless Wedge connector each side 3nos for 3 Phases per cutpoint	Nos	9.00	40.00	49.00				0.00	0.00					0.00	0.00	0.00	0.00	
16	(Main Line)Tin Plated Copper Alloy Universal Dist.Wedge Connector 3No,(AB SWITCH)tin Plated Copper Lugs(70Sq.mm)6no,(HG FUSE)Fired Boltless Wedge Connector suitable for7/2.59mm on one side and 8mm Rod on other side 6no,(DT HT side bushing)tin Plated Copper Lugs(70Sq.mm)3no,(DT LT side bushing)Bimetallic friction welded crimp lugs 4No,,(DT LT side connection with bus bar)Fired boltless UDC Wedge connector 4No,(OPen type fuse link))tin Plated Copper Lugs 95Sq.mm with 2 holes (1 for connection and 1 for Fuse 12NO,(LT LINE)Fired boltless UDC Wedge connector 8No.	Nos	30.00	16.00	46.00				0.00	0.00					0.00	0.00	0.00	0.00	
17	Mounting channel for Existing DT(GI channel 2*(100x50x6mm)44Kg,2*(75x40x6mm) 32 Kg with galvanised nuts and bolts 2KG	Nos	0.00	7.00	7.00				0.00	0.00					0.00	0.00	0.00	0.00	
18	DT Meter with Modem	Nos	9.00	16.00	25.00				0.00	0.00					0.00	0.00	0.00	0.00	
19	Out door mounting type Distribution Box for 3 Ph 100 KVA Transformer having 200 A HRC fuse (incomer), 200 A TPN MCCB and 3 Nos. 80 A MCCB (outgoing), 12 Nos. 25 A SP MCB (outgoing)	Nos	4.00	9.00	13.00				0.00	0.00					0.00	0.00	0.00	0.00	
20	Out door mounting type Distribution Box for 3 Ph 63 KVA Transformer having 200 A HRC fuse (incomer), 100 A TPN MCCB and 6 Nos. 25 A SP MCB (outgoing)	Nos	5.00	4.00	9.00				0.00	0.00					0.00	0.00	0.00	0.00	
21	Replacement of demaged substation frames (st 9mtr long pole 2 no,Nuts and Bolts of sorts 3Kg,Red oxide,aluminium paint Cement Bottomming)	Nos	0.00	4.00	4.00				0.00	0.00					0.00	0.00	0.00	0.00	
22	16 Sqmm Twin core Armoured service cable	Mtr	17000.00	43580.00	60580.00				0.00	0.00					0.00	0.00	0.00	0.00	
23	4x1 MultiMeter Box	No	150.00	344.00	494.00				0.00	0.00					0.00	0.00	0.00	0.00	
24	6x1 MultiMeter Box	No	65.00	158.00	223.00				0.00	0.00					0.00	0.00	0.00	0.00	
25	Distribution Box for LTS with suitable protective gear	No	230.00	625.00	855.00				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (F)					0	0	0	0	0	0	0	0	0	0	0	0	0	
G	**Metering**																		
1	225x285x120 mm suitable for entering incoming 2Cx25 sqmm & outgoing 8 nos 2Cx10 sqmmLT Distribution Box made of Cold Rolled MS sheet of 20 SWG thick, IP 54 without welding joints, deep drawn process	Nos	451.00	451.00	902.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	418x300x120 mm suitable for entering incoming 4Cx35 sqmm & outgoing 4 nos 4Cx16 sqmm LTDB same as above	Nos	853.00	853.00	1706.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	Spike earthing made of 20mm dia solid GI rod or 8 SWG GI Coil 115 turns (1.85 kg)	Nos	10.00	10.00	20.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	8 SWG Wire	Kgs	10000.00	10000.00	20000.00				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub Total (G)					0	0	0	0	0	0	0	0	0	0	0	0	0	
	Grand Total					0	0	0	0	0	0	0	0	0	0	0	0	0	