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 LEH CIRCLE (LEH TOWN & KARGIL TOWN ON TURNKEY BASIS UNDER R-APDRP PART-B.

Tender Reference No : RECPDCL/TECH/JKPDD/e-Tender/2017-18/1754 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 bifrucate 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 responsibilty 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 be specified by the bidder
		Units	Leh	Kargil	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	128.00	162.00	**290.00**				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	81.00	17.00	**98.00**				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 per technical specifications, scope of works and approved drawings.	Sets	7.00	4.00	**11.00**				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	7453.90	4836.50	**12290.40**				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)4.3 x 1/3.35 mm (50 mm² Al. Area) - Rabbit	km	21.11	26.78	**47.88**				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)4.72 x 7/1.57 mm (100 mm² Al. Area) - Dog	km	20.16	0.00	**20.16**				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 GI stay rod & 7/3.15 mm dia GI stranded wire complete .	Sets	79.00	51.00	**130.00**				0.00	0.00					0.00	0.00	0.00	0.00	
8	MS Nuts, Bolts with Washers (Galvanised).	Kg	393.00	255.00	**648.00**				0.00	0.00					0.00	0.00	0.00	0.00	
9	Insulator and hardware (Galvanised) (11 kV porcelain Pin Insulators with GI PIN	Nos	747.00	485.00	**1232.00**				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	158.00	102.00	**260.00**				0.00	0.00					0.00	0.00	0.00	0.00	
11	Earthing arrangement as per technical specifications, 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	208.00	179.00	**387.00**				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	1061.10	688.50	**1749.60**				0.00	0.00					0.00	0.00	0.00	0.00	
13	Red oxide Paint	Ltr.	55.02	35.70	**90.72**				0.00	0.00					0.00	0.00	0.00	0.00	
14	Aluminium Paint	Ltr.	55.02	35.70	**90.72**				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	208.00	179.00	**387.00**				0.00	0.00					0.00	0.00	0.00	0.00	
16	Danger plate, with Clamps.	Nos	208.00	179.00	**387.00**				0.00	0.00					0.00	0.00	0.00	0.00	
17	Anticlimbing devices(barbed wire) with clamps & bolts	Nos	208.00	1179.00	**1387.00**				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (A)								0.00	0.00					0.00	0.00	0.00	0.00	
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	92.00	54.00	**146.00**				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	11.00	6.00	**17.00**				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	31.00	18.00	**49.00**				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	5.36	3.15	**8.51**				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	16.00	9.00	**25.00**				0.00	0.00					0.00	0.00	0.00	0.00	
6	Earthing arrangement as per technical specifications, 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	102.00	60.00	**162.00**				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	413.10	243.00	**656.10**				0.00	0.00					0.00	0.00	0.00	0.00	
8	Red oxide paint	Ltr.	20.40	12.00	**32.40**				0.00	0.00					0.00	0.00	0.00	0.00	
9	Aluminium Paint	Ltr.	20.40	12.00	**32.40**				0.00	0.00					0.00	0.00	0.00	0.00	
10	Cementing bottoming with (1:3:6) cement concrete.	Nos	102.00	60.00	**162.00**				0.00	0.00					0.00	0.00	0.00	0.00	
11	Danger Plates	Nos	102.00	60.00	**162.00**				0.00	0.00					0.00	0.00	0.00	0.00	
12	Anti Climbing devices(Barbed wire) with clamps hardware	Nos	102.00	60.00	**162.00**				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (B)								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	52.00	32.00	**84.00**				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	5.00	1.00	**6.00**				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	20.00	64.00	**84.00**				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	88.00	62.00	**150.00**				0.00	0.00					0.00	0.00	0.00	0.00	
5	9KV, 10KA Lightening Arrester (sets of 3 Nos) for DT.	Set	165.00	159.00	**324.00**				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	165.00	159.00	**324.00**				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	165.00	159.00	**324.00**				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.	400.00	1280.00	**1680.00**				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	220.00	44.00	**264.00**				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	1040.00	640.00	**1680.00**				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	880.00	620.00	**1500.00**				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 insulators	Nos	484.00	512.00	**996.00**				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	330.00	318.00	**648.00**				0.00	0.00					0.00	0.00	0.00	0.00	
14	Cement bottoming using concrete mix (1:3:6)	Nos	330.00	318.00	**648.00**				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 Galvanised suitable hardware fittings	Nos	495.00	477.00	**972.00**				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 (150x50x6 mm)	Kg	31000.00	31800.00	**62800.00**				0.00	0.00					0.00	0.00	0.00	0.00	
17	Galvinized MS Nuts & Bolts with Washers	Kg	1320.00	1272.00	**2592.00**				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	5.00	1.00	**6.00**				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	52.00	32.00	**84.00**				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	20.00	64.00	**84.00**				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	88.00	62.00	**150.00**				0.00	0.00					0.00	0.00	0.00	0.00	
22	Out door mounting type Distribution Box for 3 Ph 250 KVA Transformer having 600 A TPN Isolator, 315 A HRC fuse (incomer) and 9 Nos. 120 A SP MCCB (outgoing)	Nos	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	495.00	477.00	**972.00**				0.00	0.00					0.00	0.00	0.00	0.00	
24	ACSR Rabbit Conductor for jumpering.	km	2.48	2.39	**4.86**				0.00	0.00					0.00	0.00	0.00	0.00	
25	PG Clamps, bi-metallic connectors, hardware for jumpering	sets	165.00	159.00	**324.00**				0.00	0.00					0.00	0.00	0.00	0.00	
26	GI Spritz 25X3 mm for earthing	Kg	3300.00	3180.00	**6480.00**				0.00	0.00					0.00	0.00	0.00	0.00	
27	Anti-climbing Devices(barbed wire) with Clamps	Kg	330.00	318.00	**648.00**				0.00	0.00					0.00	0.00	0.00	0.00	
28	galvanised Danger plates	Nos	330.00	318.00	**648.00**				0.00	0.00					0.00	0.00	0.00	0.00	
29	Red Oxide paint	Ltr.	66.00	63.60	**129.60**				0.00	0.00					0.00	0.00	0.00	0.00	
30	Aluminium Paint	Ltr.	66.00	63.60	**129.60**				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (C)								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	5.00	30.00	**35.00**				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	3.00	20.00	**23.00**				0.00	0.00					0.00	0.00	0.00	0.00	
3	New (Galvanised) 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 etc 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	67.50	450.00	**517.50**				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 conductor including jointing sleeves, binding material and helicon formed fittings, T Clamps etc.	kmx	0.00	22.05	**22.05**				0.00	0.00					0.00	0.00	0.00	0.00	
5	6/3.35 mm+7/3.35 mm (50 mm² Al. Area) - Rabbit by replacing existing weasel conductor including jointing sleeves, binding material and helicon formed fittings, T Clamps etc.	kmx	4.73	9.45	**14.18**				0.00	0.00					0.00	0.00	0.00	0.00	
6	11 KV porcelain Disc insulator 45 KN along with suitable hardware fittings	Nos.	18.00	120.00	**138.00**				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.	23.00	150.00	**173.00**				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	23.00	153.00	**176.00**				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	9.00	60.00	**69.00**				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	8.00	50.00	**58.00**				0.00	0.00					0.00	0.00	0.00	0.00	
11	8 SWG and 6SWG New wire for earthing and Guarding	kg	12.00	80.00	**92.00**				0.00	0.00					0.00	0.00	0.00	0.00	
12	Danger plate	Nos	8.00	50.00	**58.00**				0.00	0.00					0.00	0.00	0.00	0.00	
13	Anticlimbing devices(Barbed wire) with clamps&hard ware.	Nos	8.00	50.00	**58.00**				0.00	0.00					0.00	0.00	0.00	0.00	
14	Cementing bottoming with (1:3:6) cement concrete.	Nos	8.00	50.00	**58.00**				0.00	0.00					0.00	0.00	0.00	0.00	
15	Red oxide paint	Ltr.	1.50	10.00	**11.50**				0.00	0.00					0.00	0.00	0.00	0.00	
16	Aluminium Paint	Ltr.	1.50	10.00	**11.50**				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (D)								0	0					0	0	0	0	
E	**Conversion of existing LT lines on bare conductor to Areal bunch cable**																		
1	Additional Supports of 8mtr ST Pole 410SP15	Nos	66.00	50.00	**116.00**				0.00	0.00					0.00	0.00	0.00	0.00	
2	Additional Supports of 9mtr ST Pole 410SP33	Nos	44.00	33.00	**77.00**				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	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	
5	RED OXIDE	kgs	22.00	16.50	**38.50**				0.00	0.00					0.00	0.00	0.00	0.00	
6	Aluminium Paint	kgs	22.00	16.50	**38.50**				0.00	0.00					0.00	0.00	0.00	0.00	
7	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	9.14	5.25	**14.39**				0.00	0.00					0.00	0.00	0.00	0.00	

8	New AERIAL BUNCHED XLPE CABLE 3 X 50 SQ.MM+1x 35 SQ. MM +3x16 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	13.97	12.08	26.04				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (B)								0	0					0	0	0	0	
F	Improvement of Existing LT/HT Lines																		
1	8mtr ST Pole 410SP15	NO	100.00	125.00	225.00				0.00	0.00					0.00	0.00	0.00	0.00	
2	8mtr ST Pole 410SP33	NO	40.00	30.00	70.00				0.00	0.00					0.00	0.00	0.00	0.00	
3	Cementing bottoming with (1:3:6) cement concrete.	NO	140.00	155.00	295.00				0.00	0.00					0.00	0.00	0.00	0.00	
4	Earthing arrangement by GI Earthing spike made of 20mm solid Rod or 8 SWG GI Coil 115 turns (1.85 kg)	NO	40.00	30.00	70.00				0.00	0.00					0.00	0.00	0.00	0.00	
5	Red Oxide	KG	70.00	77.50	147.50				0.00	0.00					0.00	0.00	0.00	0.00	
6	Aluminium Paint	KG	70.00	77.50	147.50				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 (50x45x6mm), MS flats (65x8mm) of given sizes for over head structures as per technical specification, approved drawings and scope of work	KG	6300.00	6975.00	13275.00				0.00	0.00					0.00	0.00	0.00	0.00	
8	Suspension/Tension Clamps	NO	100.00	125.00	225.00				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	9.00	18.00				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, Alt 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	9.00	18.00				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	9.00	18.00				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 soil#e	set	9.00	9.00	18.00				0.00	0.00					0.00	0.00	0.00	0.00	
13	Energy meter 1 ph 10-60 Amp.	Nos	3400.00	2950.00	6350.00				0.00	0.00					0.00	0.00	0.00	0.00	
14	Fired bolttess Wedge connector each side 3nos for 3 Phases per cutpoint	Nos	40.00	60.00	100.00				0.00	0.00					0.00	0.00	0.00	0.00	
15	(Main Line)Tin Plated Copper Alloy Universal Dist.Wedge Connector 3Nos,(AB SWITCH)tin Plated Copper Lugs(70Sq mm)6nos,(HG FUSE)Fired Bolttless Wedge Connector suitable for7/2.5Hmm on one side and 8mm Rod on other side 6nos,(DT HT side bushing)tin Plated Copper Lugs(70Sq mm)6nos,(DT LT side bushing)Bimetallic friction welded crimp lugs 4Nos,,(DT LT side connection with bus bar)Fired bolttless UDC Wedge connector 4Nos,(DPen type fuse link)tin Plated Copper Lugs 95Sq mm with 2 holes (1 for connection and 1 for fuse 12NO,0.5 LINE)Fired bolttless UDC Wedge connector 8Nos.	Nos	3.00	9.00	12.00				0.00	0.00					0.00	0.00	0.00	0.00	
16	Mounting channel for Existing DT(GI channel 2*(100x50x6mm)(44Kg,2*(75x45x6mm) 32 Kg with galvanised nuts and bolts 24Kg	Nos	3.00	9.00	12.00				0.00	0.00					0.00	0.00	0.00	0.00	
17	DT Meter with Modem	Nos	3.00	9.00	12.00				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	2.00	2.00	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	1.00	0.00	1.00				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	0.00	6.00	6.00				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	0.00	1.00	1.00				0.00	0.00					0.00	0.00	0.00	0.00	
22	Replacement of demaged substation frames (at 9mtr long pole 2 no,Nuts and Bolts of sorts 3Kg,Red oxide aluminium paint Cement Bottomring)	Nos	3.00	9.00	12.00				0.00	0.00					0.00	0.00	0.00	0.00	
23	16 Sqmm Twin core Armoured service cable	Mtr	68000.00	59000.00	127000.00				0.00	0.00					0.00	0.00	0.00	0.00	
24	4x1 MultiMeter Box	No	500.00	445.00	945.00				0.00	0.00					0.00	0.00	0.00	0.00	
25	6x1 MultiMeter Box	No	200.00	200.00	400.00				0.00	0.00					0.00	0.00	0.00	0.00	
26	Distribution Box for LTs with suitable protective gear	No	850.00	740.00	1590.00				0.00	0.00					0.00	0.00	0.00	0.00	
	Sub-Total (F)								0	0					0	0	0	0	
	Grand Total								0.00	0.00					0.00	0.00	0.00	0.00	