

04.03.2024

**CORRIGENDUM-05**

**Name of the work: Conversion of Existing Overhead Power Distribution Network with Underground Power Cable Network under 'Konkan Disaster Mitigation Project' on Turnkey basis in at Mahad Sub Division & Poladpur Sub Division under PEN circle Raigad District and at Achara Subdivision under Kankavali division of Sindhudurg Circle, , Sindhudurg District, Maharashtra**

RFB No. HLL/DMRR/UGC-PKG-04/2023-24/09 dated 03.02.2024

The Corrigendum-05 shall be treated as part of e-tender to be uploaded online duly signed and stamped along with e-tender:

<b>Tender reference</b>	<b>As per Corrigendum 02</b>	<b>Amended as</b>
<b>Part 1 - Bidding Procedures and Requirements</b>	Annexure F	Revised Annexure F (Detailed BOQ) attached.

Important Note:

1. The above Corrigendum shall form part of the Tender Document and is to be submitted duly signed & stamped by the applicants along with their Application.
2. All other terms & condition of Tender document remains unchanged.
3. Prospective bidders are advised to regularly scan through <https://etenders.gov.in/eprocure/app> and in HLL & HITES website tender page for corrigendum/amendments etc. and separate advertisement will not be made for this.

**VP (ID), HITES South Operations  
HLL Lifecare Limited**

END OF CORRIGENDUM-05

RFB no: HLL/DMRR/UGC-PKG-04/2023-24/09						
BILL OF QUANTITY (BOQ) and ESTIMATE						
Name of District : Sindhudurg						
Name of Circle : Sindhudurg						
Name of Division : Kankavali						
Name of Sub-Division : Achara						
<b>Schedule 1: Grand Summary</b>						
SL No.	Proposed Bill Of Quantity	Unit	Proposed BOQ Quantity*	Unit Rate(Rs)	Amount (Rs)	Cost References
1	33 KV 3 core X 300 sqmm XLPE Underground Cable (Double Run)	Km	24.00	50,27,273.25	12,06,54,558.00	Activity 5501NEW
2	11 KV 3 core X 185 sqmm XLPE Underground Cable(Double Run)	Km	68.00	27,47,513.25	18,68,30,901.00	Activity 5507NEW
3	33 kV Heat shrink Indoor termination joint (AI) kit for XLPE 3 C X 300 sqmm	No	15.00	15,030.50	2,25,457.50	Activity 5105
4	33 KV Ring Main Unit	No	5.00	8,45,135.09	42,25,675.45	Activity 33KV RMU
5	11 kV heat shrinkable Indoor termination joint kit for 3 C X 185 sqmm	No	315.00	2,423.50	7,63,402.50	Activity 5326NEW
6	11 KV Ring Main Unit	No	17.00	5,32,222.88	90,47,788.96	Activity 6202
7	LT 3.5C 120 sqmm XLPE Underground Cable(Double Run)	Km	24.10	9,78,171.90	2,35,73,942.79	Activity 1412NEW
8	LT 3.5C 70 Sqmm XLPE Underground Cable(Double Run)	Km	21.50	6,28,431.90	1,35,11,285.85	Activity 1413 NEW
9	L.T. Feeder Pillar 4 Way	No	132.00	33,314.61	43,97,528.52	Activity 2002

10	L.T. Mini Feeder Pillar	No	124.00	16,382.61	20,31,443.64	Activity 2003
11	L.T. XLPE Armoured cable 4core 16sq.mm. (single Run)	Km	25.20	1,35,415.95	34,12,752.77	Activity 1418
12	L.T. 2 Core Cable 4 Sqmm Armoured (single Run)	Km	35.00	1,42,149.95	49,75,248.25	Activity 1416
13	SERVICE CONNECTION BOX-4CONNECTION	No	162.00	8,123.10	13,15,942.20	Activity SC BX-4
14	SERVICE CONNECTION BOX-2-CONNECTION	No	53.00	6,858.10	3,63,479.30	Activity SC BX-2
15	Breakdown Attending Van	No's		94,65,518.88	-	
16	Dismantling of HT/LT line & Poles-12400/km	Km	123.50	12,400.00	15,31,400.00	
<b>Grand Total (Material)</b>					<b>37,68,60,806.73</b>	
	Add					
		<b>PSS</b>	<b>Line</b>	<b>PSS Cost</b>	<b>Line Cost</b>	
A	Cost of material	100.00%	100.00%		37,68,60,806.73	
	Add					
B	Erection(Labour) (on A)	5%	15%		5,65,29,121.01	
C	Supervision Charges (on A)	5%	5%		1,88,43,040.34	
D	Sub- Total-I	110%	120%		45,22,32,968.08	
	Add					
E	Contractor's Profit (on D)	5%	5%		2,26,11,648.40	
F	Sub- Total-II	115.50%	126.00%		47,48,44,616.48	
	Add					
G	Transportation (On A)	4%	4%		1,50,74,432.27	
H	Contigencieson material( on A)	2%	2%		75,37,216.13	
I	Tools & plants(On A)	1%	1%		37,68,608.07	
J	Sub- Total-III	122.50%	133.00%		50,12,24,872.95	
	Add:					
K	BG Charges(On Material + Centages) (On J)	0.20%	0.20%		10,02,449.75	

L	Sub- Total-IV	122.75%	133.27%		502,227,322.70	
	Add:-					
M	Labour Cess(On Total Works Cost Instead of only Material Cost) (On L)	1%	1%		5,022,273.23	
N	Insurance (On L)	1%	1%		5,022,273.23	
O	Sub- Total-V	125.20%	135.93%		512,271,869.15	
P	Sub- Total-VI (Tender Cost Excl GST)	125.20%	135.93%		51,22,71,869.15	

**Note:**

\* Exact Location & Quantity will be finalized during joint survey with Executing agency

**Note:**

1. Unit Rates considered are as per MSEDCL approved Cost Data ( FY 22-23)
2. Erection Charges are including digging and backfilling of Trench with Sand, Brick and Excavated Soil in proper manner

<p><b>Name of the work: Conversion of Existing Overhead Power Distribution Network With Underground Power Cable Network Under Konkan Disaster Mitigation Project On Turnkey Basis for Pkg-04 At Mahad &amp; Poladpur Sub-Division Under Pen Circle, Raigad District and Achara Sub-Division Under Sindhudurg Circle, Sindhudurg District, Maharashtra State.</b></p>				
<p><b>RFB no: HLL/DMRR/UGC-PKG-04/2023-24/09</b></p>				
<p><b>BILL OF QUANTITY (BOQ) and ESTIMATE</b></p>				
<p><b>Name of District : Raigad</b></p>				
<p><b>Name of Circle : Pen</b></p>				
<p><b>Name of Division : Goregaon</b></p>				
<p><b>Name of Sub-Division : Poladpur</b></p>				
<p><b>Schedule 1: Grand Summary</b></p>				

SL No.	Proposed Bill Of Quantity	Unit	Proposed BOQ Quantity*	Unit Rate(Rs)	Amount (Rs)	Cost References
1	Conversion of 22 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable	Km	4.25	44,99,561.25	1,91,23,135.31	Activity 5502
2	Coverision of Overhead LT Line to underground by 3.5 C, 300 sqmm XLPE cable	Km	11.00	20,26,539.94	2,22,91,939.31	Activity 5510
3	STLT Conversion of overhead LT Line to underground 2 C x 16 sqmm cable	Km	12.11	2,09,439.94	25,36,527.08	Activity 5519
4	Supply, Erection, Testing & Commissioning of LT 4-WAY Feeder Pillars	Nos	92.00	33,314.61	30,64,943.75	Activity 2002
5	Supply, Erection, Testing & Commissioning of LT mini Feeder Pillars	Nos	234.00	16,382.61	38,33,529.80	Activity 2003
6	Supply, Erection, Testing & Commissioning of 9 way Service conn. Boxes	Nos	137.00	7,434.50	10,18,526.50	Activity Add-A
7	Supply, Erection, Testing & Commissioning of 16 way Service conn. Boxes	Nos	130.00	11,464.50	14,90,385.00	Activity Add-B
8	River crossing of 22 kV HT Line with narrow base Towers	No.s	10.00	14,96,675.34	1,49,66,753.44	Activity 6731 New
9	Replacement of RSJ pole 152 X 152, 13 Mt (For Increasing Height)	No.s	55.00	40,525.88	22,28,923.44	Activity 5904 New
10	Increasing Height of existing Switching Station above flood level	No.s	1.00	1,22,86,032.59	1,22,86,032.59	Activity 501 New
11	Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV	No.s	10.00	8,45,135.09	84,51,350.86	Activity 6204
12	Pole mounted Distribution Transformer Sub-station 315 KVA, 22/0.433 kv.	No.s	2.00	8,18,593.88	16,37,187.76	Activity 1008
13	Civil Cost for increasing height of switching station	No.s	1.00	2,20,43,918.27	2,20,43,918.27	Activity 501 New (Civil)
14	Foundation for RMU	No.s	10.00	22,199.57	2,21,995.70	Activity 6204 (Civil)

19	Dismantling of OH LT line	Km	11.00	12,400.00	1,36,400.00	
20	Dismantling of OH HT line	Km	4.25	12,400.00	52,700.00	
<b>Grand Total (Material)</b>						<b>11,53,84,248.82</b>
	Add					
				<b>PSS</b>	<b>Line</b>	<b>PSS Cost</b>
						<b>Line Cost</b>
A	Cost of material			100.00%	100.00%	3,43,29,950.86
	Add					
B	Erection(Labour) (on A)			5%	15%	17,16,497.54
C	Supervision Charges (on A)			5%	5%	17,16,497.54
D	Sub- Total-I			110%	120%	3,77,62,945.94
	Add					
E	Contractor's Profit (on D)			5%	5%	18,88,147.30
F	Sub- Total-II			115.50%	126.00%	3,96,51,093.24
	Add					
G	Transportation (On A)			4%	4%	13,73,198.03
H	Contigencies on material( on A)			2%	2%	6,86,599.02
I	Tools & plants(On A)			1%	1%	3,43,299.51
J	Sub- Total-III			122.50%	133.00%	4,20,54,189.80
	Add:					
K	BG Charges(On Material + Centages) (On J)			0.20%	0.20%	84,108.38
L	Sub- Total-IV			122.75%	133.27%	4,21,38,298.18
	Add:					
M	Labour Cess(On Total Works Cost Instead of only Material Cost) (On L)			1%	1%	4,21,382.98
N	Insurance (On L)			1%	1%	4,21,382.98
O	Sub- Total-V			125.20%	135.93%	4,29,81,064.15

P	Sub- Total-VI (Tender Cost Excl GST)	125.20%	135.93%	4,29,81,064.15	11,01,78,177.14
	Note:			<b>TOTAL = PSS + Line cost</b>	15,31,59,241.29

<b>Name of the work: Conversion of Existing Overhead Power Distribution Network With Underground Power Cable Network Under Konkan Disaster Mitigation Project On Turnkey Basis for Pkg-04 At Mahad &amp; Poladpur Sub-Division Under Pen Circle, Raigad District and Achara Sub-Division Under Sindhudurg Circle, Sindhudurg District, Maharashtra State.</b>						
<b>RFB no: HLL/DMRR/UGC-PKG-04/2023-24/09</b>						
<b>BILL OF QUANTITY (BOQ) and ESTIMATE</b>						
<b>Name of District : Raigad</b>						
<b>Name of Circle : Pen</b>						
<b>Name of Division : Goregaon</b>						
<b>Name of Sub-Division : Mahad</b>						
<b>Schedule 1: Grand Summary</b>						
<b>SL No.</b>	<b>Proposed Bill Of Quantity</b>	<b>Unit</b>	<b>Proposed BOQ Quantity*</b>	<b>Unit Rate(Rs)</b>	<b>Amount (Rs)</b>	<b>Cost References</b>
1	Conversion of 22 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable	Km	18.00	44,99,561.25	8,09,92,102.50	Activity 5502
2	River crossing of 22 kV HT Line with narrow base Towers	No.s	14.00	14,96,675.34	2,09,53,454.81	Activity 6731 New
3	Replacement of RSJ pole 152 X 152, 13 Mt (For Increasing Height)	No.s	48.00	40,525.88	19,45,242.27	Activity 5519
4	Increasing Height of existing Switching Station above flood level	No.s	1.00	1,22,86,032.59	1,22,86,032.59	Activity 501 New
5	Cost Data for laying of 1 Km. 22 KV 3 C 300 Sqmm XLPE under ground Cable	Km	12.76	44,03,461.25	5,61,67,909.63	Activity 813

6	Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV	No.s	2.00	8,45,135.09	16,90,270.17	Activity 6204
7	DP structure & reinstallation of existing 22/0.4 or 11/0.4 kV Distribution transformer on RSJ pole 100 X 116, 9 mtr with Kit Kat DB	No.s	102.00	1,31,432.21	1,34,06,085.42	Activity 6730
8	22 kV A.B. Switch with RSJ pole 110 X 116, 9 mtr DP with allied fabrications.	No.s	10.00	67,345.06	6,73,450.60	Activity 6724
9	Cost data for 22 KV Single circuit Pin type with 100sq.mm AAAC lines on 152x152 mm 11 mtr RSJ poles	Km	45.00	8,90,683.02	4,00,80,735.88	Activity 806
10	Civil Cost for increasing height of switching station	No.s	1.00	2,20,43,918.27	2,20,43,918.27	Activity 806
11	Foundation for RMU	No.s	2.00	22,199.57	44,399.14	Activity 501 New (Civil)
14	Dismantling of OH LT line	Km	0.00	12,400.00	-	
15	Dismantling of OH HT line	Km	18.00	12,400.00	2,23,200.00	
<b>Grand Total (Material)</b>					<b>25,05,06,801.28</b>	
Add						
		<b>PSS</b>	<b>Line</b>	<b>PSS Cost</b>	<b>Line Cost</b>	
A	Cost of material	100.00%	100.00%	3,43,29,950.86	21,61,76,850.42	
Add						
B	Erection(Labour) (on A)	5%	15%	17,16,497.54	3,24,26,527.56	
C	Supervision Charges (on A)	5%	5%	17,16,497.54	1,08,08,842.52	
D	Sub- Total-I	110%	120%	3,77,62,945.94	25,94,12,220.51	
Add						
E	Contractor's Profit (on D)	5%	5%	18,88,147.30	1,29,70,611.03	
F	Sub- Total-II	115.50%	126.00%	3,96,51,093.24	27,23,82,831.54	
Add						
G	Transportation (On A)	4%	4%	13,73,198.03	86,47,074.02	



H	Contigencies on material (on A)	2%	2%	6,86,599.02	43,23,537.01		
I	Tools & plants(On A)	1%	1%	3,43,299.51	21,61,768.50		
J	Sub- Total-III	122.50%	133.00%	4,20,54,189.80	28,75,15,211.07		
	Add:						
K	BG Charges(On Material + Centages) (On J)	0.20%	0.20%	84,108.38	5,75,030.42		
L	Sub- Total-IV	122.75%	133.27%	4,21,38,298.18	28,80,90,241.49		
	Add:						
M	Labour Cess(On Total Works Cost Instead of only Material Cost) (On L)	1%	1%	4,21,382.98	28,80,902.41		
N	Insurance (On L)	1%	1%	4,21,382.98	28,80,902.41		
O	Sub- Total-V	125.20%	135.93%	4,29,81,064.15	29,38,52,046.32		
P	Sub- Total-VI (Tender Cost Excl GST)	125.20%	135.93%	4,29,81,064.15	29,38,52,046.32		
				<b>TOTAL = PSS + Line cost</b>	<b>33,68,33,110.47</b>		
	* Exact Location & Quantity will be finalized during joint survey with Executing agency						
	Note:						
	1. Unit Rates considered are as per approved MSEDCL Cost Data ( FY 22-23)						
	2. Erection Charges are including digging and backfilling of Trench with Sand,Brick and Excavated Soil in proper manner						

Item Code No. 5502					
Cost Data for conversion of 1 Km 22 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable					
Sr.No.	Particulars	Unit	Qty.	RT/U Rs.	Amount
1	XLPE Cable 22 KV, 3 C / 300 mm sq.	Rmt	2000.00	1932.48	3864960.00
2	R.C.C. Pipe 150 mm 2 M	No	60.00	572.00	34320.00
3	Half round cement pipe ( 150mm X 1mtr)	No.	1880.00	143.00	268840.00
4	22 kV Heat shrik Straight through joint (Al) kit for XLPE 3 C X 300 sqmm	No.	8.00	24600.00	196800.00
5	22 kV Heat shrik Outdoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	No.	4.00	13715.00	54860.00
6	Sand	Cmt	312.50	255.30	79781.25
<b>Cost of material</b>					<b>4499561.25</b>

Item Code No. 0501 New					
Cost data for 22 Kv Switching Station (Outdoor)					
Sr.No.	Description of Material	Unit	Qty.	Rate	Amt.
1	22 KV feeder bay as per sheet "A"	Nos.	12	911856.85	10942282.17
2	22 KV Isolators without EB (800 Amp.)	Set	3	42816.00	128448.00
3	22 KV P.T.	No.	3	21426.00	64278.00
4	100 KVA, 22/0.4 KV with Dist. Box as per Sht.No.6.	Set	1	346543.28	346543.28
5	Battery set 30 Volt, 100 AH with Battery charger	Set	1	82800.00	82800.00
6	Bus Gantry and Fabrication material , Clamps,Connectors, Control Cables, and Earthing (As per Sht. No.1,2,3,5,7 &8.	L.S.	1	512819.09	512819.09
7	AC Distribution Board 'B' type	Nos.	1	24325.00	24325.00
8	Fire Extinguisher with stand	LS	1	4830.00	4830.00
9	Switchyard lighting(As per Sht.no.4)	Nos.	1	179707.05	179707.05
<b>Cost of material</b>					<b>12286032.59</b>

Item Code No. 6731 New					
Rerouting of 22 KV Tower line with Narrow Based Towers					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
I)	Erection of 25 nos of towers in place of old rusted towers with pile foundation and caps and reconductoring with 232 sqmm AAAC conductor this includes the cost of tower material	No	2	710694.00	1421388.00
II)					
1	Disc Insulator 11 KV 70 KN	No	36	310.01	11160.46
2	AAAC 232 mm <sup>2</sup>	Km	0.6	159.25	95.55
3	Strain Hardware for AAAC232 sq.mm.	No	18	692.94	12472.99
4	0.2 ACSR or equivalent AAAC Loop Connector	No	50	943.00	47150.00
5	Suspension Hardware for 0.2 ACSR or equivalent AAAC	No	6	389.72	2338.34
6	Sundries Nutbolts, Binding Tapes wire etc.	L.S.	0.1	20700.00	2070.00
	<b>Cost of material</b>				<b>1496675.34</b>

Item Code No. 5904 New					
Replacement of RSJ pole 152 X 152, 13 Mt					
Sr.No	Description of Material	Unit	Qty.	Rate in Rs.	Amount
1	RSJ 152x152, 13 m long	No.	1	29108.70	29108.70

2	GI Channel 100x50x6 mm	Kg.	33	94.61	3122.13
3	G.I.Angle 50x50x6mm	Kg.	14	94.61	1324.51
4	G.I Flat 50x10 mm	Kg.	7	90.15	631.07
5	33 kV Pin Insulators with G.I. Pins	No.	3	462.50	1387.50
6	Earthing Sets H.T	Set	1	461.70	461.70
7	H.T.Stay Set	Set	1	807.30	807.30
8	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	8.000	71.81	574.50
9	G.I.Wire 8 SWG/ 6 SWG	Kg.	2	71.75	143.50
10	G.I.Nut Bolts	Kg.	1	111.92	111.92
11	Sundries	LS	1	885.50	885.50
12	Concreting ration 1:3:6	Cmt.	0.5	3935.10	1967.55

**Cost of material**

**40525.88**

Item Code No. 0501 New					
Cost data for 22 Kv Switching Station (Outdoor)					
Sr.No.	Description of Material	Unit	Qty.	Rate	Amt.
1	22 KV feeder bay as per sheet "A"	Nos.	12	911856.85	10942282.17
2	22 KV Isolators without EB (800 Amp.)	Set	3	42816.00	128448.00
3	22 KV P.T.	No.	3	21426.00	64278.00
4	100 KVA, 22/0.4 KV with Dist. Box as per Sht.No.6.	Set	1	346543.28	346543.28
5	Battery set 30 Volt, 100 AH with Battery charger	Set	1	82800.00	82800.00
6	Bus Gantry and Fabrication material , Clamps,Connectors, Control Cables, and Earthing (As per Sht. No.1,2,3,5,7 &8.	L.S.	1	512819.09	512819.09
7	AC Distribution Board 'B' type	Nos.	1	24325.00	24325.00
8	Fire Extinguisher with stand	LS	1	4830.00	4830.00
9	Switchyard lighting(As per Sht.no.4)	Nos.	1	179707.05	179707.05

Cost of material

12286032.59

Item Code No. 6730 New					
DP structure & reinstallment of existing 22/0.4 or 11/0.4 kV Distribution transformer on RSJ pole 100 X 116, 9 mtr with Kit Kat DB					
Sr.No	Description	Unit	Qty.	Rate	Amount
1	RSJ 152x152, 13 m long	No	2	29108.70	58217.40
2	GI Channel 100x50x6 mm	Kg	100	94.61	9461.00
3	GI Channel 75x40x6 mm	Kg	44	94.61	4162.84
4	GI angle 50x50x6 mm	Kg	22	94.61	2081.42
5	GI Flat 50 x 6 mm	Kg	24	90.15	2163.60
6	22 kV Pin Insulators with G.I. Pins	No	3	386.40	1159.20
7	L.T.Dist.Boxes 100 KVA with KITKAT	No	1	14200.80	14200.80
8	L.A.s 22KV (Gapless type) with disconnecter	Set	1	2622.00	2622.00
9	H.T.Stay Set	Set	4	807.30	3229.20
10	Earthing Sets H.T	Set	5	461.70	2308.50
11	22KV H.G.Fuses	Set	1	5360.40	5360.40
12	22KV A.B.Switch, 400 A	Set	1	17336.40	17336.40
13	Danger Board in yard.	No	2	57.50	115.00
14	Painting/Hardware & support with numbering of pole	LS	1	258.75	258.75
15	Sundries	LS	1	885.50	885.50
16	Concreting ration 1:3:6	LS	2	3935.10	7870.20
	<b>Cost of Material</b>				<b>131432.21</b>

Item Code No. 6724					
22 kV A.B. Switch with RSJ pole 110 X 116, 9 mtr DP with allied fabrications.					
Sr.No	Description	Unit	Qty.	Rate	Amount

1	22KV A.B.Switch, 400 A	Set	1	17336.40	17336.40
2	RSJ 116x100, 9 m long	No	2	12492.90	24985.80
3	M.S.Channel 75x40x6 mm	Kg	55	69.93	3846.15
4	M.S. Flats(50 X 10mm)	Kg	10	65.48	654.75
5	Disc Insulator 11 KV 45 KN	No	12	280.60	3367.20
6	Strain Hardware forWeasel/Squirrel	Set	6	205.16	1230.96
7	H.T.Stay Set	Set	4	807.30	3229.20
8	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	32.000	71.81	2298.00
9	Earthing Sets H.T	Set	2	461.70	923.40
10	G.I.Wire 8 SWG/ 6 SWG	Kg.	10.00	71.75	717.50
11	Sundries	LS	1	885.50	885.50
12	Concreting ration 1:3:6	LS	2	3935.10	7870.20
	<b>Cost of Material</b>				<b>67345.06</b>

Item Code No. 0806					
Cost data for 22 KV Single circuit Pin type with 100sq.mm AAAC lines on 152x152 mm 11 mtr RSJ poles					
(A) HT Line :					
Sr.No.	Description of Material	Unit	Qty.	RT/U Rs.	Amount
1	RSJ 152x152, 11 m long	No.	17	24630.75	418722.75
2	RSJ 116x100, 10 m long	No.	2	13882.05	27764.10
3	MS Channel 100x50x6 mm	Kg.	177	69.93	12377.61
4	M.S.Channel 75x40x6 mm	Kg.	122	69.93	8531.46
5	MS angle 50x50x6 mm	Kg.	72	69.93	5034.96
6	M.S. Flats(50 X 10mm)	Kg.	37	65.48	2422.58

7	22 KV V cross arm with clamp	No.	13.00	1223.10	15900.30
8	22 KV Top Fitting	No.	13.00	515.70	6704.10
9	G.I.Nut Bolts	Kg.	90	111.92	10072.35
10	22 kV Pin Insulators with G.I. Pins	No.	39	386.40	15069.60
11	Disc Insulator 11 KV 45 KN	No.	48	280.60	13468.80
12	Strain Hardware for Dog0.1 or Equ.AAAC.	Set	24	369.91	8877.82
13	AAAC 100 mm <sup>2</sup>	Rmt	3150	66.69	210080.87
14	Sleve Joints	No.	3	132.25	396.75
15	H.T.Stay Set	Set	8	807.30	6458.40
16	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	80	71.81	5745.00
17	Earthing Sets H.T	Set	17	461.70	7848.90
18	G.I.Barbed Wire `A' type.	Kg.	77	80.34	6185.99
19	Danger Board in yard.	No.	17	57.50	977.50
20	Concreting ration 1:3:6	Cmt.	20	3935.10	78702.00
21	G.I.Wire 8 SWG/ 6 SWG	Kg.	130	71.75	9327.50
22	Black Bituminus Paint	Ltr.	6	97.75	586.50
23	Red Oxide Paint for 2 coats	Ltr.	20	97.75	1955.00
24	Aluminium Paint for 1 coat	Ltr.	9	129.95	1169.55
25	Sundries	LS	1	885.50	885.50
26	Wedge connectors				

a)	DOG TO DOG or equivalent AAC	No	24	642.38	15417.14
<b>Cost of material</b>				<b>890683.02</b>	

**Cost data for Civil works for 22 KV Switching station (Outdoor)**

Sr.No.	Particular	Amount	
1	Land Development ( As per table A)	8534928	
2	Control room (As per table B) outdoor	2713410.7	
3	Store room of size 8.0m X 6.0 m (As per table C)	877164.86	
4	Sanitary Water supply	200000	
5	Electrification (Lumsum)	130000	
6	WBM Road (As per table D)	632641.98	
7	Chain link fencing and Bar bed wire fencing (As per table E)	1794888.194	
8	Metal Spreading (As per table F)	312822.5	
9	Foundations for structures and equipments for switching station	574997.4379	
10	Water Supply arrangement for C/Room and Switch Yard.(As per table H)	69709.2	
11	Borewell including pumpset and allied accessories. (As per table I)	104335.5933	
12	Const.of cable trench with covers in S/Yard. (As per table J)	363800.55	
13	Construction of retaining wall. (As per table K)	5482051.74	
14	Rain Water Harvesting (As per Table L) Indoor	73475.012	
15	Culvert (As per Table N) Indoor if required	179692.5	
	<b>Total=</b>	<b>22043918.27</b>	



Item Code No. 5510					
Conversion of Overhead LT Line to underground by 3.5 C, 300 sqmm XLPE cable					
Sr.No	Description of Material	Unit	Qty.	RT/U Rs.	Amount
1	L.T. XLPE cable 3.5 Core 300 mm <sup>2</sup>	RMT	2000	978.75	1957500.00
2	R.C.C. Pipe 150 mm 2 M	No	60.00	572.00	34320.00
3	Misc. ( Bricks,sand,tremination kit and etc.)	LS	1.25	27775.95	34719.94
<b>Cost of material</b>					<b>2026539.94</b>

Item Code No. 5519					
Cost Dat Conversion of overhead LT Line to underground 2 C x 16 sqmm cable for 1 Km					
Sr.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount
1	L.T. XLPE Amourred 2C 16 Sqmm cable	Rmt	2000	70.20	140400.00
2	R.C.C. Pipe 150 mm 2 M	No	60.00	572.00	34320.00
3	Misc. ( Bricks,sand,tremination kit and etc.)	LS	1.25	27775.95	34719.94
<b>Cost of material</b>					<b>209439.94</b>

Item Code No. 2002					
Supply, Erection, Testing & Commissioning of LT 4--WAY Feeder Pillars					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	L.T. Feedar Pillar 4 Way	No	1	27528.00	27528.00
2	Earthing with GI pipe	No	2	392.85	785.70
3	G.I.Strip (25 X 3 mm)	kG	2	90.15	180.31
4	Sundries		1	885.50	885.50
5	Concreting ration 1:3:6	L. S.	1	3935.10	3935.10
<b>Cost of material</b>					<b>33314.61</b>

Item Code No. 2003					
Supply, Erection, Testing & Commissioning of LT mini Feeder Pillars					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)

1	L.T. Mini Feedar Pillar	No	1	10596.00	10596.00
2	Earthing with GI pipe	No	2	392.85	785.70
3	G.I.Strip (25 X 3 mm)	kG	2	90.15	180.31
4	Sundries		1	885.50	885.50
5	Concreting ration 1:3:6	L. S.	1	3935.10	3935.10

**Cost of material**

**16382.61**

Item Code No. Add-A					
Supply, Erection, Testing & Commissioning of 9 way Service conn. Boxes					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	SMC Spring Loaded Service Connection Box (9 way) for 3 Phase Incoming (R,Y,B) and 9 Nos. Single Phase Outgoing Connections	No	1	4200.00	4200.00
2	L.T. XLPE armoured cable 3 1/2 C 35 sq.mm.	RMT	15.000	156.600	2349.00
3	Sundries	LS	1	885.50	885.50

**Cost of material**

**7434.50**

Item Code No. Add-B					
Supply, Erection, Testing & Commissioning of 16 way Service conn. Boxes					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	SMC Spring Loaded Service Connection Box (16 way) for 3 Phase Incoming (R,Y,B) and 15 Nos. Single Phase Outgoing Connections	No	1	8230.00	8230.00
2	L.T. XLPE armoured cable 3 1/2 C 35 sq.mm.	RMT	15.000	156.600	2349.00

4	Sundries	LS	1	885.50	885.50
<b>Cost of material</b>					<b>11464.50</b>

Item Code No. 6731 New					
Rerouting of 22 KV Tower line with Narrow Based Towers					
Sr. No.	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
I)	Erection of 25 nos of towers in place of old rusted towers with pile foundation and caps and reconductoring with 232 sqmm AAAC conductor this includes the cost of tower material	No	2	710694.00	1421388.00
II)					
1	Disc Insulator 11 KV 70 KN	No	36	310.01	11160.46
2	AAAC 232 mm2	Km	0.6	159.25	95.55
3	Strain Hardware for AAAC232 sq.mm.	No	18	692.94	12472.99
4	0.2 ACSR or equivalent AAAC Loop Connector	No	50	943.00	47150.00
5	Suspension Hardware for 0.2 ACSR or equivalent AAAC	No	6	389.72	2338.34
6	Sundries Nutbolts, Binding Tapes wire etc.	L.S.	0.1	20700.00	2070.00
<b>Cost of material</b>					<b>1496675.34</b>

Item Code No. 6204					
Replacement of Indoor Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV					

Sr.No	Description	Unit	Qty.	Rate/Unit Rs.	Total Cost Rs.
1	22 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 2 Br	Set	1	800975.00	800975.00
2	Foundation Structure for RMU for Cable Entry Etc.	No	1	26047.59	26047.59
3	Earthing to equipment with Salt ,Coke, earthing strip Etc.	No	1	14950.00	14950.00
4	Sundries such as N/B, Washers, Welding etc.	kg	1	3162.50	3162.50
<b>Total Cost</b>					<b>845135.09</b>

Item Code No. 1008					
Cost data for Pole mounted Distribution Transformer Sub-station 315 KVA, 22/0.433 kv.					
Sr.No	Description of Material	Unit	Qty.	RT/U Rs.	Amount
1	Dist. Transformer 315 KVA, 22/0.43 kv	No.	1	598906.10	598906.10
2	RSJ 116x100, 11 m long	No.	2	15269.85	30539.70
3	MS Channel 100x50x6 mm	Kg.	124	69.93	8671.32
4	M.S.Channel 75x40x6 mm	Kg.	100	69.93	6993.00
5	MS angle 50x50x6 mm	Kg.	86	69.93	6013.98
6	M.S. Flats(50 X 10mm)	Kg.	56	65.48	3666.60
7	11 kV Pin Insulators with G.I. Pins	No.	3	108.66	325.98
8	Disc Insulator 11 KV 45 KN	No.	6	280.60	1683.60
9	Strain Hardware for 34 Sq.mm AAAC	No.	3	161.00	483.00
10	6 way feeder pillar with ACB	No.	1	74355.60	74355.60
11	L.A.s 22KV (Gapless type) with disconnecter	Set	1	2622.00	2622.00
12	H.T.Stay Set	No.	2	807.30	1614.60
13	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	16	71.81	1149.00
14	Earthing Sets H.T	No.	5	461.70	2308.50
15	22KV H.G.Fuses	Set	1	5360.40	5360.40
16	22KV A.B.Switch, 400 A	No.	1	17336.40	17336.40

17	Danger Board in yard.	No.	2	57.50	115.00
18	G.I.Strip (25 X 3 mm)	Kg.	40	90.15	3606.12
19	G.I.Barbed Wire `A' type.	Kg.	10	80.34	803.38
20	Concreting ration 1:3:6	Cmt.	2.3	3935.10	9050.73
21	Painting of Supports & fabricated materials	LS	1	178.25	178.25
22	Sundries	LS	1	885.50	885.50
23	DTC Metring with Box, single core L.T. XLPE cable (300 sq.mm., 280 mtr length) and other allied material.	No.	1	41925.12	41925.12
24	Minor Fabrication, etc.				

**Cost of material**

**818593.88**

Item Code No. 5501NEW

Cost Data for conversion of 1 Km 33 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable

Sr.No.	Particulars	Unit	Qty.	RT/U Rs.	Amount
1	XLPE Cable 33 KV, 3 C / 300 mm sq.	Rmt	2000.00	2136.51	4273020.00
2	R.C.C. Pipe 150 mm 2 M	No	60.00	572.00	34320.00
3	Half round cement pipe ( 150mm X 1mtr)	No.	1880.00	143.00	268840.00
4	33 kV Heat shrik Straight through joint (Al) kit for XLPE 3 C X 300 sqmm	No.	8.00	36900.00	295200.00
5	33 kV Heat shrik Outdoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	No.	4.00	19028.00	76112.00
6	Sand	Cmt.	312.50	255.30	79781.25
	<b>Cost of material</b>				<b>5027273.25</b>

Item Code No.5507NEW

Cost Data for conversion of 1 Km 11 KV Overhead line by 3 C, 185 Sqmm XLPE under ground Cable

Sr.No.	Particulars	Unit	Qty.	RT/U Rs.	Amount
1	XLPE Cable 11 KV, 3 C / 185 mm sq.	Rmt	2000.00	1158.30	2316600.00
2	R.C.C. Pipe 150 mm 2 M	No	60.00	572.00	34320.00

3	Half round cement pipe ( 150mm X 1mtr)	No.	1880.00	143.00	268840.00
4	11 kV heat shrinkable Straight through joint kit for 3 C X 185 sqmm	No.	8.00	5043.00	40344.00
5	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 185 sqmm	No.	4.00	1907.00	7628.00
6	Sand	Cmt	312.50	255.30	79781.25
<b>Cost of material</b>					<b>2747513.25</b>

Item Code No. 5105

Replacement of old HT I/D termination joints for 33 kV, 3 C, 300 sq. mm. XLPE cable

Sr.No.	Description	Unit	Qty.	Rate	Amount
1	33 kV Heat shrink Indoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	No	1	14145.00	14145.00
2	Sundries	LS	1	885.50	885.50
<b>Cost of Material</b>					<b>15030.50</b>

Item Code No. 6204

Replacement of Indoor Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV

Sr.No	Description	Unit	Qty.	Rate/Unit Rs.
1	22 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 2 Br	Set	1	800975.00
2	Foundation Structure for RMU for Cable Entry Etc.	No	1	26047.59
3	Earthing to equipment with Salt ,Coke, earthing strip Etc.	No	1	14950.00
4	Sundries such as N/B, Washers, Welding etc.	kg	1	3162.50

**Total Cost**

33 KV Ring Main Unit					
Sr.No	Description	Unit	Qty.	Rate/Unit Rs.	Amount
1	33 KV Ring Main Unit 3 Iso+2 Br	Set	1	696500.00	1972704.46
2	Foundation Structure for RMU for Cable Entry Etc.	No	1	26047.59	26047.59
3	Earthing to equipment with Salt ,Coke, earthing strip Etc.	No	1	14950.00	14950.00

4	Sundries such as N/B, Washers, Welding etc.	kg	1	3162.50	3162.50
	<b>Cost of Material</b>				<b>2016864.55</b>

Item Code No. 5326

Replacement of old HT I/D termination joints for 11 kV, 3 C, 185 sq. mm. XLPE cable

Sr.No.	Description	Unit	Qty.	Rate	Amount
1	11 kV heat shrinkable Indoor termination joint kit for 3 C X 185 sqmm	No	1	1538.00	1538.00
2	Sundries	LS	1	885.50	885.50
	<b>Cost of Material</b>				<b>2423.50</b>

**Item Code No. 6202**

**Replacement of Ring Main Unit (SF - 6) (3 Isolators + 1 Breaker)**

Sr.No	Description	Unit	Qty.	Rate/Unit Rs.	
1	11 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 1 Br	Set	1	488062.80	
2	Foundation Structure for RMU for Cable Entry Etc.	No	1	26047.59	
3	Earthing to equipment with Salt ,Coke, earthing strip Etc.	No	1	14950.00	
4	Sundries such as N/B, Washers, Welding etc.	kg	1	3162.50	

**Total Cost**

Item Code No. 1412NEW

Estimate for LT to underground 3.5 x 120 sqmm cable for 1 Km

Sr.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount
1	L.T.XLPE Armoured 3.5 Core cable120 sq.mm.	Rmt	2000	444.15	888300.00
2	R.C.C. Pipe 150 mm 2 M	No	60	572.00	34320.00
4	Misc. ( Bricks,sand,tremination kit and etc.)	LS	2	27775.95	55551.90
	<b>Cost of material</b>				<b>978171.90</b>

Item Code No. 1413NEW

Estimate for LT to underground 3.5 x 70 sqmm cable for 1 Km

Sr.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount
1	L.T.XLPE Armoured 3.5 Core cable 70 sq.mm.	Rmt	2000	269.28	538560.00
2	R.C.C. Pipe 150 mm 2 M	No	60	572.00	34320.00
3	Misc. ( Bricks,sand,tremination kit and etc.)	LS	2	27775.95	55551.90
	<b>Cost of material</b>				<b>628431.90</b>

Item Code No. 1418

Estimate for LT to underground 4C x 16 sqmm cable for 1 Km

Sr.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount
1	L.T. XLPE Armoured cable 4core 16sq.mm.	Rmt	1000	90.48	90480.00
2	R.C.C. Pipe 150 mm 2 M	No	30	572.00	17160.00
2	Misc. ( Bricks,sand,tremination kit and etc.)	LS	1	27775.95	27775.95
	<b>Cost of material</b>				<b>135415.95</b>

Item Code No. 1416

Estimate for LT to underground 2C, 4 sqmm cable for 1 Km

Sr.No.	Particulars	Unit	Qty	Rate (Rs.)	Amount
1	Armoured Copper control cable 2Cx4 sq.mm.	Rmt	1000	97.21	97214.00
2	R.C.C. Pipe 150 mm 2 M	No	30	572.00	17160.00
3	Misc. ( Bricks,sand,tremination kit and etc.)	LS	1	27775.95	27775.95
	<b>Cost of material</b>				<b>142149.95</b>

**SERVICE CONNECTION BOX-4CONNECTION**

Sr. No.	Particulars	Unit	Qty.	Rate	Amount
1	SMC Multi-Meter Box suitable for housing 4 No. Single Phase Meter	No.	1	4988.00	4988.00



2	G.I..Flat 50 x 6 mm	No.	3	90.15	270.45
3	Earthing Sets L.T.	No.	1	224.10	224.10
4	Three Phase Four Pole MCB 32A with enclosure	No.	1	1540.00	1540.00
5	G.I.Wire 7/3.15mm(10SWG)	Kg	3	71.85	215.55
6	Sundries such as N/B, Washers, Welding etc.	LS	1	885.00	885.00
					0.00
TOTAL QUANTITY		Km	1		
<b>Cost of material</b>					<b>8123.10</b>

SERVICE CONNECTION BOX-2-CONNECTION						
Sr. No.	Particulars	Unit	Qty.	Rate	Amount	
1	SMC Multi-Meter Box suitable for housing 2 No. Single Phase Meter	No.	1	3723.00	3723.00	
2	G.I..Flat 50 x 6 mm	No.	3	90.15	270.45	
3	Earthing Sets L.T.	No.	1	224.10	224.10	
4	Three Phase Four Pole MCB 32A with enclosure	No.	1	1540.00	1540.00	
5	G.I. Wire 7/3.15mm(10SWG)	Kg	3	71.85	215.55	
6	Sundries such as N/B, Washers, Welding etc.	LS	1	885.00	885.00	
					0.00	
26	TOTAL QUANTITY	Km	1			
<b>Cost of material</b>					<b>6858.10</b>	

conversion of 1 Km 22 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable

Activity No 5502						
Sr no.	Div	Subdiv	Section	Location		Distance

					Km
7	GOREGAON	MAHAD	MAHAD URBAN	MAHAD I FEEDER (CHAMBHARKHIND SS TO GANDHARI NAKA)	20
8	GOREGAON	MAHAD	MAHAD URBAN	MAHAD II FEEDER (CHAMBHARKHIND SS TO BHOIGHAT)	16
<b>Total</b>					<b>36</b>

22 Kv Switching Station

**Activity No 501 New**

Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Mahad	Mahad U	Chambharkhind	1

**Activity No 6731 New**

Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Mahad	Urban	GANDHARI NAKA	1
2	Goregaon	Mahad	Urban	COURT AALI	1
3	Goregaon	Mahad	Vinhere	Kol Village (Vinhere Feeder)	1
4	Goregaon	Mahad	Kumble	Kol Village (Kumble Feeder)	1
5	Goregaon	Mahad	Vahoor	Tol (Vahoor Feeder)	1
6	Goregaon	Mahad	Vahoor	Sape (Vahoor Feeder)	1
7	Goregaon	Mahad	Rural	Sahil Nagar (Vahoor Feeder)	1
8	Goregaon	Mahad	Rural	Shedav Naka (Rajewadi Feeder)	1
9	Goregaon	Mahad	Urban	NEAR MAHAD RURAL HOSPITAL	1

10	Goregaon	Mahad	Birawadi	OLD MARKET TO KHARAWALI PUL DTC	1
11	Goregaon	Mahad	Birawadi	KINARA AB SWITCH TO KHARAWALI	1
12	Goregaon	Mahad	Birawadi	AKALE TO ASANPOI	1
13	Goregaon	Mahad	Birawadi	KALLIJ ADIWASIWADI TO BHAVE	1
14	Goregaon	Mahad	Nate	Nate Bridge (Pachad Feeder)	1
				<b>Total</b>	<b>14</b>

### Activity No 5904 New

Sr no.	Div	Subdiv	Section	Location	Qty
					nos
1	Goregaon	Mahad	Urban	PWD Div office	1
2	Goregaon	Mahad	Urban	opposite butala hall	5
3	Goregaon	Mahad	Urban	Near apple Plaza	2
4	Goregaon	Mahad	Urban	Karanjkol	1
5	Goregaon	Mahad	Birwadi	BIRWADI AB SWITCH TO POLICE CHOWKI DTC	27
6	Goregaon	Mahad	Nate	Nate	2
7	Goregaon	Mahad	Nate	Walsure	1
8	Goregaon	Mahad	Nate	Konzar	1
9	Goregaon	Mahad	Nate	Pachad	1
10	Goregaon	Mahad	Rural	Rajewadi	3
11	Goregaon	Mahad	Rural	Kondivate	2
				<b>Total</b>	<b>46</b>

<b>Activity No 813</b>					
Sr no.	Div	Subdiv	Section	Location	Distance
					Km
1	Goregaon	Mahad	Mahad U	Pansare Zuita	1.5
2	Goregaon	Mahad	Nate	Nijampur City start to Pachad Road	24
<b>Total</b>					<b>25.5</b>

<b>Activity No 6204</b>					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Mahad	Mahad Urban	Dudhdairy	1
2	Goregaon	Mahad	Mahad Urban	Chambharkhind Corner	1
				<b>Total</b>	<b>2</b>

<b>Activity No 6730 New</b>						
Sr no.	Div	Subdiv	Section	Location	Capacity	Qty
						Nos
1	Goregaon	Mahad	Mahad-II	HANUMAN MANDIR (TAMBAT BHUVAN)	200	1
2	Goregaon	Mahad	Mahad-II	DHARIA CORNAR	200	1
3	Goregaon	Mahad	Mahad-II	SHAMSHAN BHUMI - 2	200	1
4	Goregaon	Mahad	Mahad-II	TOWER	63	1
5	Goregaon	Mahad	Mahad-II	CITY PRIDE	200	1
6	Goregaon	Mahad	Mahad-II	GAVAL ALI	315	1

7	Goregaon	Mahad	Mahad-II	VIRESHWAR	315	1
8	Goregaon	Mahad	Mahad-II	PRABHAT COLONY	200	1
9	Goregaon	Mahad	Mahad-I	POWER HOUSE	315	1
10	Goregaon	Mahad	Mahad-II	MUTTON MARKET	315	1
11	Goregaon	Mahad	Mahad-II	AT& N T	200	1
12	Goregaon	Mahad	Mahad-II	PRABHAT COLONY 2	200	1
13	Goregaon	Mahad	Mahad-II	GANGADHAM COMPLEX (PRABHAT COLONY)	100	1
14	Goregaon	Mahad	Mahad-II	SAVITRI ENCLAVE	200	1
15	Goregaon	Mahad	Mahad-I	GANDHARI NAKA	100	1
16	Goregaon	Mahad	Mahad-I	KOTALI 2	315	1
17	Goregaon	Mahad	Mahad-I	HAPUSTALE 1	200	1
18	Goregaon	Mahad	Mahad-I	KOTALI	315	1
19	Goregaon	Mahad	Mahad-I	DUDHDAIRY(SUNDARWADI)	200	1
20	Goregaon	Mahad	Mahad-I	SAFFWAN PLAZA	200	1
21	Goregaon	Mahad	Mahad-II	HANUMAN MANDIR (SUTARAALI)	100	1
22	Goregaon	Mahad	Mahad-II	JAGTAP BANGLA	200	1
23	Goregaon	Mahad	Mahad-II	SHAMSHAN BHUMI - 1	200	1
24	Goregaon	Mahad	Mahad-II	MILETERY SCHOOL	100	1
25	Goregaon	Mahad	Mahad-II	GREEN PARK	200	1
26	Goregaon	Mahad	Mahad-II	Radaji Super Shopy	200	1
27	Goregaon	Mahad	Mahad-II	SBI CORNER	200	1
28	Goregaon	Mahad	Mahad-II	SHEDAV 2	200	1
29	Goregaon	Mahad	Mahad-II	NAVE NAGAR	200	1
30	Goregaon	Mahad	Mahad-II	GOVT.HOUSPITAL	63	1
31	Goregaon	Mahad	Mahad-II	APSARA	315	1
32	Goregaon	Mahad	Mahad-II	SAVITRI ROAD	315	1

33	Goregaon	Mahad	Mahad-II	NAVE NAGAR 2	200	1
34	Goregaon	Mahad	Mahad-II	NAVE NAGAER 3	200	1
35	Goregaon	Mahad	Mahad-II	Darubhandi Office Nave Nagar	200	1
36	Goregaon	Mahad	Mahad-II	Police Quarter	315	1
37	Goregaon	Mahad	Mahad-I	PARANJAPE ROAD	63	1
38	Goregaon	Mahad	Mahad-I	SUNDARWADI	200	1
39	Goregaon	Mahad	Mahad-I	HANUMAN GYM 2	200	1
40	Goregaon	Mahad	Mahad-II	MAHAD RESIDENCY	200	1
41	Goregaon	Mahad	Mahad-I	APPLE PLAZA	200	1
42	Goregaon	Mahad	Mahad-II	WHITE HOUSE	200	1
43	Goregaon	Mahad	Mahad-I	BHUTALA HOUSE - 2	200	1
44	Goregaon	Mahad	Mahad-I	ST STAND	315	1
45	Goregaon	Mahad	Mahad-I	KAKARTALE 1	100	1
46	Goregaon	Mahad	Mahad-I	KAKARTALE 2	315	1
47	Goregaon	Mahad	Mahad-I	HANUMAN GYM	200	1
48	Goregaon	Mahad	Mahad-I	TELEPHONE EXCHANGE	315	1
49	Goregaon	Mahad	Mahad-I	KAKARTALE 3	200	1
50	Goregaon	Mahad	Mahad-II	ADARSH NAGAR	200	1
51	Goregaon	Mahad	Mahad-I	MAHAD TREAD CENTER	200	1
52	Goregaon	Mahad	Mahad-I	KRANTISTAMBH	100	1
53	Goregaon	Mahad	Mahad-I	SAREKAR AALI	100	1
54	Goregaon	Mahad	Mahad-I	KRANTISTAMBH - 2	200	1
55	Goregaon	Mahad	Mahad-I	DONGRI POOL	200	1
56	Goregaon	Mahad	Mahad-I	RAIGAD ROAD - 2	200	1
57	Goregaon	Mahad	Mahad-I	SUNRISE	315	1
58	Goregaon	Mahad	Mahad-I	DONGRI POOL II	200	1
59	Goregaon	Mahad	Mahad-I	Ranade Hospital	100	1

60	Goregaon	Mahad	Mahad-I	FLOWER VALLY	200	1
61	Goregaon	Mahad	Mahad-I	RAIGAD ROAD	315	1
62	Goregaon	Mahad	Mahad-I	CHAUDAR TALE	315	1
63	Goregaon	Mahad	Mahad-I	AMBEDKAR CHAUK	315	1
64	Goregaon	Mahad	Mahad-I	HAPUSTALE 2	200	1
65	Goregaon	Mahad	Mahad-I	BHIMNAGAR	200	1
66	Goregaon	Mahad	Mahad-I	POWER HOUSE 2	315	1
67	Goregaon	Mahad	Mahad-I	Kharkhand Mohalaa	200	1
68	Goregaon	Mahad	Mahad-I	Butala hall spl	200	1
69	Goregaon	Mahad	Mahad-I	Madhama Residency	315	1
70	Goregaon	Mahad	BIRWADI	Kumbharwada Muhalla	63	1
71	Goregaon	Mahad	BIRWADI	Kumbharwada (Kinara)	100	1
72	Goregaon	Mahad	BIRWADI	Jackwell	100	1
73	Goregaon	Mahad	BIRWADI	Sharda Complex	200	1
74	Goregaon	Mahad	BIRWADI	Trimurti	100	1
75	Goregaon	Mahad	BIRWADI	Dairy	200	1
76	Goregaon	Mahad	BIRWADI	Sumbhe Complex	200	1
77	Goregaon	Mahad	BIRWADI	Birwadi Market	315	1
78	Goregaon	Mahad	BIRWADI	Birwadi (Kard Ali)	100	1
79	Goregaon	Mahad	BIRWADI	Kharwali Pul	100	1
80	Goregaon	Mahad	BIRWADI	SanskarDham School	100	1
81	Goregaon	Mahad	BIRWADI	Kallij Buddhwadi	200	1
82	Goregaon	Mahad	BIRWADI	Kalishri Nagar, Kallij	100	1
83	Goregaon	Mahad	BIRWADI	BapatNagar	200	1
84	Goregaon	Mahad	Vahoor	Dasgaon BSNL	100	1
85	Goregaon	Mahad	Vahoor	Dasgaon Bhoiwada PWW	63	1
86	Goregaon	Mahad	KUMBLE	JUI	100	1

87	Goregaon	Mahad	KUMBLE	GOMENDI	100	1
88	Goregaon	Mahad	KUMBLE	KUMBLE	200	1
89	Goregaon	Mahad	KUMBLE	BEALGHAR	200	1
90	Goregaon	Mahad	KUMBLE	CHIMBHAWE MOHALLA	200	1
91	Goregaon	Mahad	Pachad	Nate Bridge 1	200	1
92	Goregaon	Mahad	Pachad	Nate Telephone Exchange	100	1
93	Goregaon	Mahad	Rajewadi	KONDIWATE MOHLLA	100	1
94	Goregaon	Mahad	Rajewadi	RAJEWADI 1	100	1
95	Goregaon	Mahad	Rajewadi	RAJEWADI 2	100	1
96	Goregaon	Mahad	Rajewadi	KONDIVATE VILLAGE	100	1
97	Goregaon	Mahad	Rajewadi	KONDIWATE REHABILITATION	100	1
98	Goregaon	Mahad	Rajewadi	L & T	100	1
99	Goregaon	Mahad	Rajewadi	MILLAT MOHLLA KONDIVATE	100	1
100	Goregaon	Mahad	Rajewadi	RAJEWADI KAZI MOHALLA	63	1
101	Goregaon	Mahad	MIDC Rural	NEAR RIVER BRIDGE JITE	100	1
102	Goregaon	Mahad	MIDC Rural	NEAR VILLAGE SHELL	100	1
				<b>Total</b>		<b>102</b>

### Activity No 6724

22 kV A.B. Switch with RSJ pole 110 X 116, 9 mtr DP with allied fabrications.

Sr no.	Div	Subdiv	Section	Location	Quantity
1	Goregaon	Mahad	Mahad Urban	Apple Paza	2
2	Goregaon	Mahad	Mahad Urban	Dudhdairy	2



3	Goregaon	Mahad	Mahad Urban	Dasturi Naka	1
4	Goregaon	Mahad	Mahad Urban	Bhanudas Complex	1
5	Goregaon	Mahad	Mahad Urban	Chavdar Tale	1
6	Goregaon	Mahad	Mahad Urban	Hanuman Gym	1
7	Goregaon	Mahad	Mahad Urban	Gandhari Naka	1
8	Goregaon	Mahad	Mahad Urban	Chambharkhind Corner	1
<b>Total</b>					<b>10</b>

**Activity No 806**

Sr no.	Div	Subdiv	Section	Location	Quantity	Unit
1	Goregaon	Mahad	Nate	EHV Kandalgaon to Kolose Switching	45	Km

conversion of 1 Km 22 KV Overhead line by 3 C, 300 Sqmm XLPE under ground Cable

Activity No 5502					
Sr no.	Div	Subdiv	Section	Location	Distance
					Km
1	Goregaon	Poladpur	PLD-I	HOSPITAL TO SANE DTC	2
2	Goregaon	Poladpur	PLD-I	HOSPITAL TO JADHAV CHARAI	1
3	Goregaon	Poladpur	PLD-I	SANE TO HANUMAN MANDIR NEW DTC	1
4	Goregaon	Poladpur	PLD-I	SAHIL HOTEL TO POLICE STATION	2
5	Goregaon	Poladpur	PLD-I	BUS STOP TO SAINIK NAGAR	1
6	Goregaon	Poladpur	PLD-I	PETROL PUMP TO MORE HALL	1.5
				<b>Total</b>	<b>8.5</b>

Overhead LT Line to underground by 3.5 C, 300 sqmm XLPE cable

Activity No 5510					
Sr no.	Div	Subdiv	Section	Location	Distance
					Km
1	Goregaon	Poladpur	Poladpur I	SHIVJINAGAR,GADITAL	2.2
					2
2	Goregaon	Poladpur	Poladpur I	BUS STOP TO BAJARPETH, PETROL PUMP	2
					1.8
3	Goregaon	Poladpur	Poladpur I	PANCHAYAT SAMITI TO KATETALI	2.5
4	Goregaon	Poladpur	Poladpur I	SAINIK NAGAR	3
5	Goregaon	Poladpur	Poladpur I	SANE DTC AREA	1.2
					2
6	Goregaon	Poladpur	Poladpur I	SAHIL HOTEL DTC	2.5
7	Goregaon	Poladpur	Poladpur I	AMBEDKAR NAGAR TO HANUMAN MANDIR	1
8	Goregaon	Poladpur	Poladpur I	HANUMAN NAGAR	1
9	Goregaon	Poladpur	Poladpur I	PRABHAT NAGAR	0.8
				<b>Total</b>	<b>22</b>

Conversion of overhead LT Line to underground 2 C x 16 sqmm cable for 1 Km

Activity No 5519					
Sr no.	Div	Subdiv	Section	Location	Distance
					Km
1	Goregaon	Poladpur	Poladpur I	SHIVJINAGAR,GADITAL	2.2
					2
2	Goregaon	Poladpur	Poladpur I	BUS STOP TO BAJARPETH, PETROL PUMP	2
					1.8
3	Goregaon	Poladpur	Poladpur I	PANCHAYAT SAMITI TO KATETALI	2.5
4	Goregaon	Poladpur	Poladpur I	SAINIK NAGAR	3
5	Goregaon	Poladpur	Poladpur I	SANE DTC AREA	1.2
					2
6	Goregaon	Poladpur	Poladpur I	SAHIL HOTEL DTC	2.5
7	Goregaon	Poladpur	Poladpur I	AMBEDKAR NAGAR TO HANUMAN MANDIR	1
8	Goregaon	Poladpur	Poladpur I	HANUMAN NAGAR	1
9	Goregaon	Poladpur	Poladpur I	BHAIRIMANDIR AREA WITH JAKHMATA NAGAR	2.2
10	Goregaon	Poladpur	Poladpur I	PRABHAT NAGAR	0.8
				<b>Total</b>	<b>24.2</b>

Supply, Erection, Testing & Commissioning of LT 4--WAY Feeder Pillars

Activity No 2002					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregoan	Poladpur	Poladpur I	PETROL PUMP	8
2	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI	6
3	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 1	12
4	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 2	10
5	Goregoan	Poladpur	Poladpur I	GOVT HOSPITAL	8
6	Goregoan	Poladpur	Poladpur I	SAINIK NAGAR	8
7	Goregoan	Poladpur	Poladpur I	PRABHAT NAGAR APPT	14
8	Goregoan	Poladpur	Poladpur I	JAKAMATA NAGAR	6
9	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI 2	10
10	Goregoan	Poladpur	Poladpur I	ST STAND	10
				<b>Total</b>	<b>92</b>

Supply, Erection, Testing & Commissioning of LT mini Feeder Pillars

Activity No 2003					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregoan	Poladpur	Poladpur I	PETROL PUMP	11
2	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI	28
3	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 1	25
4	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 2	30
5	Goregoan	Poladpur	Poladpur I	GOVT HOSPITAL	12
6	Goregoan	Poladpur	Poladpur I	SAINIK NAGAR	32
7	Goregoan	Poladpur	Poladpur I	PRABHAT NAGAR APPT	42
8	Goregoan	Poladpur	Poladpur I	JAKAMATA NAGAR	18
9	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI 2	12
10	Goregoan	Poladpur	Poladpur I	ST STAND	24
				<b>Total</b>	<b>234</b>

Supply, Erection, Testing & Commissioning of 9 way Service conn. Boxes

Activity No Add A					
Sr no.	Div	Subdiv	Section	Location	Qty
					No
1	Goregoan	Poladpur	Poladpur I	PETROL PUMP	12
2	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI	16
3	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 1	14
4	Goregoan	Poladpur	Poladpur I	SHIVAJI NAGAR 2	10
5	Goregoan	Poladpur	Poladpur I	GOVT HOSPITAL	10
6	Goregoan	Poladpur	Poladpur I	SAINIK NAGAR	18
7	Goregoan	Poladpur	Poladpur I	PRABHAT NAGAR APPT	22
8	Goregoan	Poladpur	Poladpur I	JAKAMATA NAGAR	11
9	Goregoan	Poladpur	Poladpur I	PANCHAYAT SAMITI 2	10
10	Goregoan	Poladpur	Poladpur I	ST STAND	16
				<b>Total</b>	<b>139</b>

Supply, Erection, Testing & Commissioning of 16 way Service conn. Boxes

Activity No Add B					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregoan	Poladpur	PLD I	PETROL PUMP	8
2	Goregoan	Poladpur	PLD I	PANCHAYAT SAMITI	12
3	Goregoan	Poladpur	PLD I	SHIVAJI NAGAR 1	22
4	Goregoan	Poladpur	PLD I	SHIVAJI NAGAR 2	18
5	Goregoan	Poladpur	PLD I	GOVT HOSPITAL	6
6	Goregoan	Poladpur	PLD I	SAINIK NAGAR	12
7	Goregoan	Poladpur	PLD I	PRABHAT NAGAR APPT	24
8	Goregoan	Poladpur	PLD I	JAKAMATA NAGAR	8
9	Goregoan	Poladpur	PLD I	PANCHAYAT SAMITI 2	6
10	Goregoan	Poladpur	PLD I	ST STAND	14
				<b>Total</b>	<b>130</b>

Rerouting of 22 KV Tower line with Narrow Based Towers

<b>Activity No 6731 New</b>					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Poladpur	PLD-1	Akale (PLD Inc)	1
2	Goregaon	Poladpur	PLD-1	Sawad Fata (PLD Inc)	1
3	Goregaon	Poladpur	PLD-1	Divil Dharan(PLD Inc)	1
4	Goregaon	Poladpur	PLD-1	Turbhe (PLD Town fdr)	1
5	Goregaon	Poladpur	PLD-2	Turbhe (PLD R Fdr)	1
6	Goregaon	Poladpur	Pitalwadi	Turbhe (Pitalwadi Fdr)	1
7	Goregaon	Poladpur	Pitalwadi	Bajire (Pitalwadi)	1
8	Goregaon	Poladpur	PLD-1	Haware (Rajewadi Fdr)	1
9	Goregaon	Poladpur	Pitalwadi	Kinheshwar wadi (Pitalwadi Fdr)	1
10	Goregaon	Poladpur	Pitalwadi	Adawle (Pitalwadi fdr)	1
<b>Total</b>					<b>10</b>

Replacement of RSJ pole 152 X 152, 13 Mt

<b>Activity No 5904 New</b>					
Sr no.	Div	Subdiv	Section	Location	Qty
					nos
1	Goregaon	Poladpur	Poladpur I	Akale to Rajewadi fhata (incomer)	55
<b>Total</b>					<b>55</b>

22 Kv Switching Station

Activity No 501 New								
Sr no.	Div	Subdiv	Section	Location	Qty	Geo Co-ordinates		Justification
					Nos	Start Lat	Start Long	
2	Goregaon	Poladpur	Poladpur I	Turbhe	1	18.02144	73.47098	
<b>Total</b>					<b>1</b>			

Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV

Activity No 6204					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Poladpur	poladpur I	Sahil Hotel DTC	1
2	Goregaon	Poladpur	poladpur I	Petrol Pump DTC	1
3	Goregaon	Poladpur	poladpur I	Hospital DTC	1
4	Goregaon	Poladpur	poladpur I	Charai Jadhav DTC	1
5	Goregaon	Poladpur	poladpur I	Panchayat Samiti	1
6	Goregaon	Poladpur	poladpur I	Sainik Nagar	1
7	Goregaon	Poladpur	poladpur I	Bus Stop	1
8	Goregaon	Poladpur	poladpur I	Sahan DTC	1
9	Goregaon	Poladpur	poladpur I	Hanuman Mandir	1
10	Goregaon	Poladpur	poladpur I	Shivaji Nagar	1
<b>Total</b>					<b>10</b>

Pole mounted Distribution Transformer Sub-station 315 KVA, 22/0.433 kv.

Activity No 1008					
Sr no.	Div	Subdiv	Section	Location	Qty
					Nos
1	Goregaon	Poladpur	Poladpur I	HANUMAN MANDIR	1
2	Goregaon	Poladpur	Poladpur I	MORE HALL	1
Total					2

### ACHARA SUBDIVISION Location KAS

SR.NO.	FEEDER NAME	CABLE LENGTH	RMU
1	33KV KANKAVALI-VIRAN	24	3
TOTAL		43.67	3

SR.NO.	FEEDER NAME	HT CABLE LENGTH	RMU	LT LINE CABLE (KM)	FEEDER PILLAR	4WAY
5	11KV MASURA	22	5	10	24	30
1	11kv ADAWALI	19	3	19	60	62
3	11KV MUNAGE	27	9	16.6	40	40
TOTAL		68	12	45.6	124	132

SR.NO	DTC NUMBER	CABLE LENGTH(single run)	120sqmm	70sqmm	LT FEEDER PILLER	4 WAY PILLER
5	4766115-MASURE DANGMORE	2	1.2	0.8	4	6
6	4766155-Masure Mardewadi	4	2	2	10	12
8	4766193-Masure Kava Village	4	2.5	1.5	10	12
13	4766150-Achara Jamdulwadi	7	3	4	24	18



14	4766254-JAMDUL 2	3	2	1	8	6
17	4766084-PIRAWADI	5	2.4	2.6	15	17
18	4766267-PIRAWADI 2	4	2	2	13	21
23	4766300-MUNGE AAPAYWADI	4	2	2	10	10
24	4766228-MUNAGE ADAWALWADI	5	3	2	12	12
25	4177226-MUNAGE KARIWANE	3.6	2	1.6	8	8
26	4766299-AADBANDAR MUNAGE	4	2	2	10	10
	<b>ACHARA TOTAL</b>	<b>45.6</b>	<b>24.1</b>	<b>21.5</b>	<b>124</b>	<b>132</b>