



SOUTHERN POWER DISTRIBUTION COMPANY OF TG LIMITED

D.No :LR. NO.CE/OP/MEDCHAL ZONE/HYD/DE-TECH/AE-C/D.NO. 1006 /26-27, DT: 08 .07.2026

M/s.Depot Manager TGSRTC -Shamirpet

Estimate for extension of 33KV HT supply under Cat-IX for CMD 6000KVA with a CL of 9120KW to M/s. Depot Manager TGSRTC, Shamirpet Depot, Shamirpet for a CMD of 6000KVA with dedicated feeder from 132KV SS Medchal in Shamirpet Section of Shamirpet Sub Division of Medchal Division of Medchal Circle under Capital Works.

1.REPORT TO ACCOMPANY THE ESTIMATE:

Estimate for extension of 33KV HT supply under Cat-IX for CMD 6000KVA with a CL of 9120KW to M/s. Depot Manager TGSRTC, Shamirpet Depot, Shamirpet for a CMD of 6000KVA with dedicated feeder from 132KV SS Medchal in Shamirpet Section of Shamirpet Sub Division of Medchal Division of Medchal Circle.

2.Technical Feasibility to M/s.Depot Manager, Shamirpet for 33KV supply extension for a CMD of 6000KVA is given Vide Lr.No.CE/CommI &RAC/SE/DE/C/ADE-BL/F-33KV Shamirpet Dept/D.No.219/ 25 , Dt.01.04.2026, (vide reference the Technical feasibility given as erection of 33KV bay from 132KV SS Medchal by constructing 33KV Dedicated feeder with erection of new 33KV bay by shifting the gate or high level feeder by providing additional isolator on the existing 33KV feeder.)

3. Point of Supply:33KV dedicated feeder from 132/33KV SS Medchal by erection of Bay and breaker is provided by TG Transco.

4. Main Features:

The estimate envisages the following.

I. a) Stringing of 33KV OH line with 100Sq.mm Conductor over 12.5Mtrs Spun Poles for a span of 35Mtrs for a distance of 7.7Kms (from Muneerabad-Devaramjal Cross road to RTC Depot, Shamirpet)
b) Erection of 11Mtr Pscs Poles for studs : 28No's.

II. a) Stringing of 33KV OH line with 100Sq.mm Conductor over 72Nos. M+9 Towers for a span of 60Mtrs for a distance of 4.3Kms (Muneerabad Kamaan to 132/33Kv Medchal SS)
b) HDD at ORR Crossings - 0.38Km (D.Run)
c) erection of 12.5mtrs Spun Poles - 220No's

III. 33KV Alternate Source by tapping 33KV LGM Pet feeder with Stringing of 33KV OH line with 100SQ.MM Conductor for a distance of 0.01KM.

IV. Erection of 1No 4pole structure for tapping on 33KV LGM Pet feeder opposite to Shameerpet TGSRTC Depot.

V.

a. Erection of 6 pole structures at Shameerpet Depot (Consumer premises)
b. Extension of 33KV bay-1No.
c. Erection of 33KV 24V Feeder VCB-1No.
d. Erection of 24V 40AH Battery with Charger-1No.
e. Erection of 33KV HT TVR 100/1A-1No.
f. Erection of 33KV 10VA Burden 1Ph PTs-3Nos
g. Erection of 33KV metering CT's 125/1A-3No's
h. Erection of 33kv 800A Conventional D/B AB Switches-3Nos
i. Erection of 3no 33KV Line AB Switches on DP Structures.

VI. Erection of 33KV LAB on 11m Pscs Poles (9.1M Pscs Poles as studs)- 7No's (Proposed in 33KV OH line)

VII: Erection of 33KV Cut-Points : 14No's.

VIII. Mass Concreting for 12.5Mtrs Spun Poles : 220Cum

IX. Mass Concreting for 11Mtrs Pscs Poles : 28Cum

X. Mass Concreting for 11Mtrs Pscs Poles for 33KV LAB : 7Cum

XI. Mass Concreting for 9.1Mtrs Pscs Poles for studs at 33KV LAB erection : 14Cum



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5)Power Transformer Capacity: The existing Power Transformer Capacity at 132/33KV Medchal SS is 2Nos 80MVA (PTR-I and PTR-II) and 1No 50MVA(PTR-III) The loads that are incident on SS are as follows

- a) Existing loads - 210.0MVA
- b) Sanctioned load -
- c) Already Proposed Loads:
- d) Now proposed loads - 6.0 MVA

Total : 216 MVA

The present Maximum MD reached on the Sub-Station isHence the Power Transformer Capacity is quite adequate

The Consumer applied to Sanction the estimate on 100% payment and work to be taken by Department.

The estimate is submitting after receiving the final feasibility as follows:

1. HT Registration No. HT20757934, 6000KVA New Connection for EV charging RTC Depot registered on Dt: 13.01.2026.HT Registration transferred from Assistant Divisional Engineer /Operation/ Shamirpet Sub-Division to Construction Division on Dt:04.06.2026.
2. On 04.06.2026, the consumer submitted consent to TGTRANSO for mentioned feasibility report VideLr.No. CE/Comml &RAC/SE/DE/C/ADE-BL/ F-33KV Shamirpet Dept/D.No.219/ 25 ,Dt.01.04.2026.
3. Re-Survey conducted with Construction and Operation Wing on Dt: 05.06.2026 for proposing 33KV line with OH line instead of 33V UG Cable, as per the instructions received from corporate office vide Lr.No.CE/Proj/ SE(Const)/ DE(HVDS)/ F.No. 105/D.No.404/2026, Dtd:04.06.2026 and to be crossed the ORR service road in 2No. locations and HDD proposed with 380Mtrs (Double run) at Medchal ORR Service road crossing near 132/33KV Medchal SS and at ORR crossing Muneerabad Kaman.

Division	: SE/OP/GHYD WEST	Section	: AE/CON-II/KUKATPALY
Project Type	: SC-Extension of Supply (HT-33KV)	Cost Center	: 107001206
Estimate No.	: E-2026-07-05-01-02-001	Estimate Description	: M/s.Depot Manager TGSRTC Shamirpet
Network No.	: 520000856838	Estimate Created Date	: 06.06.2026
Reservation No.	: 8003006045	Plant	: 1160
User Status	: APRD NBGD	System Status	: CRTD AVAC
Estimate Approved date	: 08.07.2026	Estimate Sanctioned By	: MDL_CGM_ZONE

Work to be executed by : DEPARTMENT

CSC Ren no.	Appl. Name	HT/ LT	Cat. 1	Sub. Cat.1	C.L1	Cat. 2	Sub_ cat.2	C.L2	Bi- Mon.	Doc. Rec.	Ser. Con.	Exst. Load
HT20757934	Depot Manager Shamirpet T	HT	09	033	6,000.00	00	00	0.00		X		0.00

Total Estimate Cost (Gross):		56423169.34
Less Credits :		0.00
Estimate Cost (Net) :		56423169.34
SL.No.	Proposals involves	Total in Rs.
1	10 - HT Mtering with 6-Pole structure	3086217.7578



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2	30 - 33KV Main source and 2nd source	51116115.418
3	70 - 4 pole stru -Tapping 33KVLGM Pet fdr	878586.1606
4	90 - Road cutting	1342250



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Activity No : 10

Activity Description : HT Mtering with 6-Pole structure

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	TLE10045	Sim Card	Stock item	1	EA	533.00	533.00
2	LAS00003	33KV Lightning Arrestors Line Type	Stock item	3	EA	2,504.46	7,513.38
3	ABS30004	33KV 800A D/B AB SWITCH WITH INSULATORS	Stock item	3	EA	61,108.57	183,325.71
4	MST00032	RS Joist 175x85mm	Stock item	3,500.000	KG	71.36	249,760.00
5	MST00012	MS Channel 100x50 mm	Stock item	1,600.000	KG	70.03	112,048.00
6	MST00002	MS Angle 50x50x6	Stock item	300.000	KG	69.56	20,868.00
7	MST00015	MS Flat 75x8	Stock item	600.000	KG	66.69	40,014.00
8	MST00014	MS Flat 50x6 mm	Stock item	600.000	KG	66.78	40,068.00
9	BRK30019	33KV 24V FED VCB WITH CTS & CR PANEL	Stock item	1	EA	554,463.70	554,463.70
10	BAT00074	24V40AH Battery with Charger(Conventnl)	Stock item	1	EA	37,842.57	37,842.57
11	CBP00002	LT PVC Cu Contr Cable 4 Core 2.5 Sq. mm	Stock item	500.000	M	167.37	83,685.00
12	CAH00178	GPRS Modem	Stock item	1	EA	3,823.70	3,823.70
13	HWR00004	33KV Metal parts(B&S)	Stock item	12	SET	261.08	3,132.96
14	INS30007	33KV Polymer Insulators (B&S)	Stock item	12	EA	517.12	6,205.44
15	CBP00006	LT PVC Cu Contr Cable 10 Core 2.5 Sq. mm	Stock item	250.000	M	406.98	101,745.00
16	CDR00010	ACSR Conductor Panther	Stock item	80.000	M	269.62	21,569.60
17	ITR30061	33KV 1ph PTs,10 VA Burden 0.2 Class	Stock item	3	EA	33,054.66	99,163.98
18	MST00013	MS Channel 75x40 mm	Stock item	800.000	KG	64.02	51,216.00
19	LAS00004	33KV Lightning Arrestors Station Type	Stock item	6	EA	4,097.28	24,583.68
20	ITR30062	33KV Metering CT's 125/1A, 0.2S Class	Stock item	3	EA	21,600.00	64,800.00
21	MHT30071	33KV HT TVR, 100/1A 0.2S 15min IP-Cat C	Stock item	1	EA	7,383.08	7,383.08
Material Cost							1,713,744.80
S.No	Services Code	Services Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10108	EXCAV. OF PIT 0.75 M x 0.9 M x 1.95 M	-	6	EA	730.00	4,380.00
2	SWR11267	Erect-12Meter Box pole	-	6	EA	3,901.37	23,408.22
3	SWR10640	Painting of RS Joist(1C RO, 2C Al.Paint)	-	12	EA	1,132.00	13,584.00
4	SWR10204	LOADING of R.S. Joists 175 x 85 mm	-	12	EA	76.00	912.00
5	SWR10522	UNLOADING of R.S. Joists 175 x 85 mm	-	12	EA	50.00	600.00
6	SWR10356	Mass concreting of supports incl. cement	-	4.320	M3	6,579.00	28,421.28



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7	SWR10642	Fabricate&Paint- 175x85/150x75mm RS Joist	-	14	EA	512.55	7,175.70
8	SWR10133	TRANSPORT OF STEEL 20 TO 30KM	-	6.600	TO	476.34	3,143.84
9	SWR10869	Fabrication of struc.with welding.	-	3.100	TO	3,426.00	10,620.60
10	SMR40009	Sup Material for 1st coat Al. Painting.	-	3.100	TO	2,181.00	6,761.10
11	SWR10877	Labour for 1st coat Al. Painting.	-	3.100	TO	851.00	2,638.10
12	SMR40010	Sup Material for 2nd coat Al. Painting.	-	3.100	TO	1,293.00	4,008.30
13	SWR10879	Labour for 2nd coat Al. Painting.	-	3.100	TO	482.00	1,494.20
14	SWR10399	Erection of 33kv CT s	-	1	SET	1,079.00	1,079.00
15	SWR10401	Erection of 33kv single phase PT s	-	1	SET	1,079.00	1,079.00
16	SWR12271	Erect-33KV AB Switch in SS	-	3	EA	5,342.25	16,026.75
17	SWR10200	LOADING of 33/11 KV CTs/ PTs	-	6	EA	165.00	990.00
18	SWR10518	UNLOADING of 33/11 KV CTs/ PTs	-	6	EA	128.00	768.00
19	SWR10239	LOADING of 33 KV AB SWCH Con 400/800 A	-	3	EA	126.00	378.00
20	SWR10557	UNLOADING of 33 KV AB SWCH Con 400/800 A	-	3	EA	79.00	237.00
21	SWR20177	Erect of HT Metering Box incl box cost	-	1	EA	5,000.00	5,000.00
22	SWR24843	Erect-HT Trivector Meter	-	1	EA	1,000.00	1,000.00
23	SWR10734	Con of Plinth HTTVR meter 0.6x0.3x0.9m	-	1	EA	5,202.00	5,202.00
24	SWR10396	Erect of 33kv LA stn type incl earthing	-	2	SET	880.00	1,760.00
25	SWR20685	Cement concrete with 40MM metal VCB plin	-	6.000	M3	5,160.00	30,960.00
26	SWR10460	Erection of 33kv VCB	-	1	EA	12,500.00	12,500.00
27	SMR11482	S-CI Pipe earthing 100mm dia 2.75m long	-	6	EA	3,486.00	20,916.00
28	SMR11485	S-Earthing GI flat 25x3 mm incl material	-	90.000	KG	105.00	9,450.00
29	SWR10359	ERECT. OF LINES-Providing of RCC collar	-	6	EA	386.00	2,316.00
30	SWR10357	ERECT. OF LINES-Providing of earthing	-	6	EA	1,234.20	7,405.20
31	SWR10198	LOADING of 33 KV VCBs&Panel boards	-	1	EA	1,024.00	1,024.00
32	SWR10516	UNLOADING of 33 KV VCBs&Panel boards	-	1	EA	1,044.48	1,044.48
33	SWR11862	Transport of Cond Drum,VCBs >20 & <30Km	-	2	EA	3,691.38	7,382.76



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34	SWR10919	Earthing for raisers of SS Flat 50x6 mm.	-	166.700	RMT	41.00	6,834.70
35	SWR10920	Laying of earth mat,excavation 75x 8mm	-	31.900	RMT	65.00	2,073.50
36	SWR10963	Painting of Name Plates for any equipmen	-	1	EA	122.00	122.00
37	SWR11879	Lay-4C/10C 2.5Sqmm Control Cable	-	750.000	M	27.00	20,250.00
38	SWR23224	Excavate-Pit for 33KV VCB	-	5.292	M3	331.00	1,751.65
39	SMR11488	S-GI Bolts & Nuts,Washers etc.,	-	100.000	KG	117.50	11,750.00
40	SMR40011	Sup T clamp LM6 Al alloy of 12 mm, 800 A	-	12	EA	299.00	3,588.00
41	SMR40021	SupPad clamps 100X100X15mm 2 panth 1200A	-	18	EA	284.00	5,112.00
42	SWR10917	Labour for Fixing of all types of clamps	-	30	EA	65.00	1,950.00
43	SWR10881	Painting AB switch OP rods with PO red	-	3	EA	142.00	426.00
44	SWR11771	Erect-24V Batory with Chrgr incl grot-SS	-	1	EA	1,050.00	1,050.00
45	SWR10404	Stringing of bus with panther conductor	-	26.700	M	327.68	8,749.06
46	SWR10366	Stringing 100sqmm 33/11kv Line 3 Cond SC	-	0.030	KM	15,242.33	457.27
47	SWR10286	LOADING of 24 V Battery with charger	-	1	EA	46.00	46.00
48	SWR10860	Supply & Spreading of 20mm HBG metal	-	10.000	M3	2,113.00	21,130.00
49	SMR40070	Supply of Danger boards with clamps	-	10	EA	116.00	1,160.00
50	SWR33403	S&F MS Security Fencing Mesh (2"X2")	-	50.000	M2	3,210.00	160,500.00
51	SWR11425	Fix-150W HP SV/LED/Induction/other lamp	-	4	SET	275.00	1,100.00
52	SMR40072	Supply of LC Boards	-	3	EA	116.00	348.00
53	SMR40068	SupRubber mats(6#x3#)size for indoorSS	-	3	EA	1,386.00	4,158.00
54	SMR40073	Supply of Gum Boots	-	2	EA	693.00	1,386.00
55	SMR24624	S-Discharge Hse Pipe 50L Co2 FireExtgr	-	2	EA	650.00	1,300.00
56	SWR33041	CRS Masonary CM(1:6) 2nd Sort	-	27.000	M3	5,829.00	157,383.00
57	SWR10604	UNLOADING of 24 V Battery with charger	-	1	EA	46.00	46.00
58	SWR10346	Erection of RS Joist 175 x 85 mm	-	2	EA	1,934.00	3,868.00
59	SWR34179	Hire-JCB to Level & Clear the Site	-	6	H	2,226.50	13,359.00
60	SWR33015	Excavation in Ordinary Soil	-	40.000	M3	539.54	21,581.60
61	SWR33028	PCC with 40mm Metal (1:4:8)	-	2.300	M3	4,817.00	11,079.10



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62	SWR33030	PCC with 20mm Metal (1:2:4)	-	0.500	M3	6,258.00	3,129.00
63	SWR33052	S&Filling with Borrowed Gravel	-	10.820	M3	640.00	6,924.80
64	SWR34830	Drill-165mm Bore Well 90M to 120M	-	250.000	M	520.00	130,000.00
65	SWR33608	Geophysical Investgation Charges	-	6	EA	7,000.00	42,000.00
66	SWR20579	Supply of Betonite powder for earthing	-	70	BAG	650.00	45,500.00
67	SWR33052	S&Filling with Borrowed Gravel	-	10.000	M3	715.00	7,150.00
Service Cost							930,928.21
GST 18%							167,567.08
3 % S & H Charges :							51190.85
3 % Contingencies on materials:							51412.34
10 % Estt. & General Charges :							171374.48
Total :							3086217.76



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Activity No : 30

Activity Description : 33KV Main source and 2nd source

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	CBX30006	33KV Tree Retardant XLPE UG Cb 3x400Sqmm	Stock item	1,000.000	M	3,803.45	3,803,450.00
2	MST00012	MS Channel 100x50 mm	Stock item	5,500.000	KG	70.03	385,165.00
3	MST00032	RS Joist 175x85mm	Stock item	4,000.000	KG	71.36	285,440.00
4	CDR00004	AAA Conductor 100 Sq. mm	Stock item	36,000.000	M	112.50	4,050,000.00
5	INS30008	33KV Polymer Pin Insulators With GI Pins	Stock item	879	EA	535.92	471,073.68
6	INS30007	33KV Polymer Insulators (B&S)	Stock item	138	EA	517.12	71,362.56
7	HWR00004	33KV Metal parts(B&S)	Stock item	138	SET	261.08	36,029.04
8	ABS30004	33KV 800A D/B AB SWITCH WITH INSULATORS	Stock item	10	EA	61,108.57	611,085.70
9	PLS00015	PSCC Spun Poles 12.5 Mts	Stock item	220	EA	19,000.36	4,180,079.20
10	MST00003	MS Angle 65x65x6	Stock item	500.000	KG	66.48	33,240.00
11	MST00015	MS Flat 75x8	Stock item	2,000.000	KG	66.69	133,380.00
12	MST00014	MS Flat 50x6 mm	Stock item	210.000	KG	66.78	14,023.80
13	PLS00013	PSCC Poles 11 Mts 365 Kgs	Stock item	10	EA	6,765.00	67,650.00
14	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	20	EA	3,947.30	78,946.00
15	PLS00013	PSCC Poles 11 Mts 365 Kgs	Stock item	28	EA	6,765.00	189,420.00
16	CDR00004	AAA Conductor 100 Sq. mm	Stock item	600.000	M	112.50	67,500.00
Material Cost							14,477,844.98
S.No	Services Code	Services Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR22092	survey line&cabl inc peg mark&tree clear	-	12.600	KM	765.00	9,639.00
2	SMR40070	Supply of Danger boards with clamps	-	2	EA	116.00	232.00
3	SMR22222	Supply of 33KV 3x400Sqmm O/D End Kit	-	12	EA	4,554.00	54,648.00
4	SMR22223	Supply of 33KV3x400Sqmm Straight thr kit	-	3	EA	24,151.00	72,453.00
5	SWR10382	Straight through joint 33kv 3x400 xlpe	-	3	EA	5,700.78	17,102.34
6	SWR12004	Raise-DR 33KV 3x400sqmm UG Cb on support	-	120.000	M	323.85	38,862.00
7	SWR10387	OD/ldoor end termination 33kv 3x400 xlpe	-	12	EA	2,764.76	33,177.12
8	SWR10924	Supply&Erec of CI earth Pipe as APTRANCO	-	8	EA	9,804.00	78,432.00
9	SMR11485	S-Earthing GI flat 25x3 mm incl material	-	240.000	KG	105.00	25,200.00
10	SWR10357	ERECT. OF LINES-Providing of earthing	-	8	EA	1,234.20	9,873.60
11	SMR40091	Supply of GI pipe of 40 mm dia 2 mtrs	-	8	EA	733.00	5,864.00
					M3		



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12	SWR10356	Mass concreting of supports incl. cement	-	269.000		6,579.00	1,769,751.00
13	SWR10642	Fabricate&Paint- 175x85/150x75mm RS Joist	-	8	EA	512.55	4,100.40
14	SWR10640	Painting of RS Joist(1C RO, 2C Al.Paint)	-	8	EA	1,132.00	9,056.00
15	SWR10204	LOADING of R.S. Joists 175 x 85 mm	-	8	EA	76.00	608.00
16	SWR10522	UNLOADING of R.S. Joists 175 x 85 mm	-	8	EA	50.00	400.00
17	SWR23200	Cut-Tree Branch(LT/11/33)&Trnsprt Debris	-	10,000	EA	4.00	40,000.00
18	SWR21043	Hring of Crane for mounting equipment	-	25	LS	1,260.00	31,500.00
19	SWR11230	Load-11/33KV XLPE UG Cable for all sizes	-	4	DR	1,024.00	4,096.00
20	SWR11231	Unload-11/33KV XLPE UG Cable all sizes	-	4	DR	1,024.00	4,096.00
21	SWR25089	S&E-Smart RFID marker	-	3	EA	2,745.00	8,235.00
22	SMR11609	S-4" DWC pipe	-	200.000	M	759.00	151,800.00
23	SMR40078	Supply of 150 mm Hume pipe of class NP3	-	120.000	M	303.00	36,360.00
24	SWR11001	HDD cable with HDPE pipe in Hard rock	-	760.000	M	5,993.00	4,554,680.00
25	SWR10114	EXCAV OF PIT HARD (3.0" x 3.0" x 7.6")	-	8	EA	1,963.50	15,708.00
26	SWR11267	Erect-12Meter Box pole	-	8	EA	3,901.37	31,210.96
27	SWR10366	Stringing 100sqmm 33/11kv Line 3 Cond SC	-	12.100	KM	15,242.37	184,432.68
28	SWR10392	Erection of 33kv ABSwitch incl earthing	-	10	EA	4,770.00	47,700.00
29	SWR11180	SubTrnsprt 11M PSCC Pole incl. L&UL<10KM	-	10	EA	431.97	4,319.70
30	SWR10978	Errection of 11 M long PSCC pole	-	28	EA	4,336.85	121,431.80
31	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	-	28	EA	700.00	19,600.00
32	SWR11863	Transport of Cond Drum,VCBs >30 & <50Km	-	12	EA	4,372.74	52,472.88
33	SMR11487	S-MS Bolts & Nuts,Washers etc.,	-	540.000	KG	91.25	49,275.00
34	SMR11482	S-CI Pipe earthing 100mm dia 2.75m long	-	7	EA	3,486.00	24,402.00
35	SMR11485	S-Earthing GI flat 25x3 mm incl material	-	210.000	KG	105.00	22,050.00
36	SWR10357	ERECT. OF LINES-Providing of earthing	-	7	EA	1,234.20	8,639.40
37	SWR10359	ERECT. OF LINES-Providing of	-	7	EA	386.00	2,702.00



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		RCC collar					
38	SWR10211	LOADING of 33 KV Pin insulators	-	879	CRT	3.00	2,637.00
39	SWR10529	UNLOADING of 33 KV Pin insulators	-	879	CRT	3.00	2,637.00
40	SWR10217	LOADING of 33 KV Pins	-	36	BAG	109.00	3,924.00
41	SWR10535	UNLOADING of 33 KV Pins	-	879	LS	99.00	87,021.00
42	SWR12416	LOADING of 33 & 11 KV Disc insulators	-	138	CRT	2.00	276.00
43	SWR10631	UNLOADING of 33 & 11 KV Disc insulator	-	138	CRT	2.00	276.00
44	SWR10618	LOADING of 33KV Metal parts-bag of 25no	-	6	BAG	65.00	390.00
45	SWR10632	UNLOADING of 33 KV Metal parts-bag of 25	-	6	BAG	65.00	390.00
46	SWR10642	Fabricate&Paint- 175x85/150x75mm RS Joist	-	8	EA	512.55	4,100.40
47	SMR40009	Sup Material for 1st coat Al. Painting.	-	12.000	TO	2,181.00	26,172.00
48	SWR10877	Labour for 1st coat Al. Painting.	-	12.000	TO	851.00	10,212.00
49	SMR40010	Sup Material for 2nd coat Al. Painting.	-	12.000	TO	1,293.00	15,516.00
50	SWR10879	Labour for 2nd coat Al. Painting.	-	12.000	TO	482.00	5,784.00
51	SWR10206	LOADING of MS Channel,Angles,Flats&Rods	-	12.000	TO	221.00	2,652.00
52	SWR10524	UNLOADING of MS Channel,Angles,Flats&Rod	-	12.000	TO	185.00	2,220.00
53	SWR10350	Erection of Spun pole 12.5Mt	-	220	EA	4,521.66	994,765.20
54	SWR10109	EXCAVATION OF PIT(3.0" x 3.0" x 7.6")	-	150	EA	842.78	126,417.00
55	SWR11041	Exc of Hard pit w/o blast 0.92X0.92X2.3M	-	70	EA	1,466.25	102,637.50
56	SWR11185	SubTrnsprt any Spun Pole incl. L&UL<10KM	-	220	EA	771.38	169,703.60
57	SWR12140	Provd-Dble Jumper 33KV SC Line	-	14	SET	525.00	7,350.00
58	SWR11083	Erec of 9.1 Mts PSCC poles for stuts	-	20	EA	2,400.00	48,000.00
59	SWR20308	SubTrnsprt 9M PSCC Pole incl. L&UL<10KM	-	20	EA	407.29	8,145.80
60	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	-	20	EA	700.00	14,000.00
61	SWR11180	SubTrnsprt 11M PSCC Pole incl. L&UL<10KM	-	10	EA	431.97	4,319.70
62	SWR10978	Errection of 11 M long PSCC pole	-	10	EA	4,336.85	43,368.50
63	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	-	10	EA	700.00	7,000.00



SOUTHERN POWER DISTRIBUTION COMPANY OF TG LIMITED

Estimate Number : E-2026-07-05-01-02-001

64	SMR11683	S-M+3 Tower GALV	-	72	EA	140,674.30	10,128,549.60
65	SWR11850	Erect- M+3 Tower GALV	-	72	EA	64,576.00	4,649,472.00
66	SMR11684	S-Mat. for Extn of M+3 Tower by 3M GALV	-	144	EA	28,520.64	4,106,972.16
67	SWR11851	Erect-Extn of 3M for M+3 Tower GALV	-	144	EA	5,168.95	744,328.80
68	SWR12085	Excvt Pit ext HardBlst 1.2Mx1.2Mx3.3M	-	30	EA	1,997.93	59,937.90
69	SWR12090	Excvt Pit Hard w/o Blst 1.2Mx1.2Mx3.3M	-	42	EA	3,592.95	150,903.90
70	SWR11180	SubTrnsprt 11M PSCC Pole incl. L&UL<10KM	-	28	EA	431.97	12,095.16
Service Cost							29,086,284.10
GST 18%							5,235,531.14
3 % S & H Charges :							434335.35
3 % Contingencies on materials:							434335.35
10 % Estt. & General Charges :							1447784.50
Total :							51116115.42



SOUTHERN POWER DISTRIBUTION COMPANY OF TG LIMITED

Estimate Number : E-2026-07-05-01-02-001

Activity No : 70

Activity Description : 4 pole stru -Tapping 33KVLGM Pet fdr

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	LAS00003	33KV Lightning Arrestors Line Type	Stock item	9	EA	2,504.46	22,540.14
2	ABS30004	33KV 800A D/B AB SWITCH WITH INSULATORS	Stock item	3	EA	61,108.57	183,325.71
3	MST00032	RS Joist 175x85mm	Stock item	2,500.000	KG	71.36	178,400.00
4	MST00012	MS Channel 100x50 mm	Stock item	1,600.000	KG	70.03	112,048.00
5	MST00002	MS Angle 50x50x6	Stock item	300.000	KG	69.56	20,868.00
6	MST00015	MS Flat 75x8	Stock item	600.000	KG	66.69	40,014.00
7	MST00014	MS Flat 50x6 mm	Stock item	600.000	KG	66.78	40,068.00
8	HWR00004	33KV Metal parts(B&S)	Stock item	12	SET	261.08	3,132.96
9	INS30007	33KV Polymer Insulators (B&S)	Stock item	12	EA	517.12	6,205.44
10	CDR00010	ACSR Conductor Panther	Stock item	80.000	M	269.62	21,569.60
11	LAS00004	33KV Lightning Arrestors Station Type	Stock item	3	EA	4,097.28	12,291.84

Material Cost 640,463.69

S.No	Services Code	Services Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10108	EXCAV. OF PIT 0.75 M x 0.9 M x 1.95 M	-	5	EA	730.00	3,650.00
2	SWR11267	Erect-12Meter Box pole	-	5	EA	3,901.37	19,506.85
3	SWR10640	Painting of RS Joist(1C RO, 2C Al.Paint)	-	10	EA	1,132.00	11,320.00
4	SWR10204	LOADING of R.S. Joists 175 x 85 mm	-	10	EA	76.00	760.00
5	SWR10522	UNLOADING of R.S. Joists 175 x 85 mm	-	10	EA	50.00	500.00
6	SWR10356	Mass concreting of supports incl. cement	-	3.240	M3	6,579.00	21,315.96
7	SWR10642	Fabricate&Paint- 175x85/150x75mm RS Joist	-	5	EA	512.55	2,562.75
8	SWR10133	TRANSPORT OF STEEL 20 TO 30KM	-	5.600	TO	476.34	2,667.50
9	SWR10869	Fabrication of struc.with welding.	-	3.100	TO	3,426.00	10,620.60
10	SMR40009	Sup Material for 1st coat Al. Painting.	-	3.100	TO	2,181.00	6,761.10
11	SWR10877	Labour for 1st coat Al. Painting.	-	3.100	TO	851.00	2,638.10
12	SMR40010	Sup Material for 2nd coat Al. Painting.	-	3.100	TO	1,293.00	4,008.30
13	SWR10879	Labour for 2nd coat Al. Painting.	-	3.100	TO	482.00	1,494.20
14	SWR12271	Erect-33KV AB Switch in SS	-	3	EA	5,342.25	16,026.75
15	SWR10239	LOADING of 33 KV AB SWCH Con 400/800 A	-	3	EA	126.00	378.00



SOUTHERN POWER DISTRIBUTION COMPANY OF TG LIMITED

Estimate Number : E-2026-07-05-01-02-001

16	SWR10557	UNLOADING of 33 KV AB SWCH Con 400/800 A	-	3	EA	79.00	237.00
17	SWR10396	Erect of 33kv LA stn type incl earthing	-	2	SET	880.00	1,760.00
18	SWR10404	Stringing of bus with panther conductor	-	26.700	M	327.68	8,749.06
Service Cost							114,956.17
GST 18%							20,692.11
3 % S & H Charges :							19213.91
3 % Contingencies on materials:							19213.91
10 % Estt. & General Charges :							64046.37
Total :							878586.16



SOUTHERN POWER DISTRIBUTION COMPANY OF TG LIMITED

Estimate Number : E-2026-07-05-01-02-001

Activity No : 90

Activity Description : Road cutting

S.No	Services Code	Services Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR24700	Road Cutting - BT Road in GHMC/R&B	-	500.000	M	2,275.00	1,137,500.00
Service Cost							1,137,500.00
GST 18%							204,750.00
3 % S & H Charges :							0.00
3 % Contingencies on materials:							0.00
10 % Estt. & General Charges :							0.00
Total :							1342250.00

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THE ASSISTANT ENGINEER//AE/CON-II/KUKATPALY

THE ASSISTANT DIVISIONAL ENGINEER/CONSTRUCTION/MEDCHAL CONSTRUCTION SUB DIVISION

THE DIVISIONAL ENGINEER/CONSTRUCTION/MEDCHAL CONSTRUCTION DIVISION

THE SUPERINTENDING ENGINEER/OPERATION/MEDCHAL CIRCLE