

**CA scheme for
Double Degraded Forest Land
to an extent 19.57 Ha
Compartment No.148,
Reserve Forest: Kadamba
Beat : Pothapally
Section: Chedawi
Range: Penchikalpet
Division: Kaghaznagar
District: Kumrambheem-Asifabad
Circle: Adilabad**

**in lieu of Diversion of 9.7887 Ha for Erection of
220 KV DC Line from 400/200 KV SS Nirmal to the
proposed 220/132KV SS Utnoor in Nirmal District under
Thermal Power Transmission Scheme for Evacuation of
power from 4 X 270 MW units at Nirmal and the line
route is passing through the forest in favour of
Superintending Engineer, OMC Circle, TS TRANSCO,
Adilabad.**

Year-wise detailed Abstract of CA scheme for Double the Degraded Forest Land to an extent 19.60 Ha in Kaghaznagar Division in lieu of Diversion of 9.7887 Ha for Erection of 220 KV DC Line from 400/200 KV SS Nirmal to the proposed 220/132KV SS Utnoor in Nirmal District under Thermal Power Transmission Scheme for Evacuation of power from 4 X 270 Mw units at Nirmal and the line route is passing through the forest in favour of Superintending Engineer, OMC Circle, TS TRANSCO, Adilabad.

Sl. No	Item of Work	Phy	Unit Cost 2019-20 (Rs.)	2020 - 21			2021 - 22			2022 - 23			2023 - 24			2024 - 25			2025 - 26		
				Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)
1	2	3	4	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Double Degraded Forest Land to an extent 19.60 Ha																				
A	Nursery and other Infrastructure																				
1	Procurement of plantable seedlings of forestry species	Nos	70		77		28260	85	23.936	5440	93	5.068	4345	102	4.453						
2	Procurement of Grass seed for sowing in planting site during raising and 1st year maintenance to prevent weed growth	Kg	320		352		90	387	0.348	90	428	0.383									
3	Borewell & Motor	No		1	200000	2.000															
4	Running charges & Electricity charges for nurseries			1	50000	0.500		LS	0.3000		LS	0.3000		LS	0.3000						
	Sub Total:					2.500			24.585			5.752			4.753			0.000			0.000
B	Planting activities (SMM) - 19.60 Ha (3m x3m)																				
5	Advance Operations	Ha	36573	19.60	40230	7.885															
6	Raising of Plantation	Ha	93643				19.60	113308	22.208												
7	1st Year Maintenance	Ha	27512							19.60	36618	7.177									
8	2nd Year Maintenance	Ha	26192										19.60	38348	7.516						
9	3rd Year Maintenance	Ha	19115													19.60	30784	6.034			
10	4th Year Maintenance	Ha	19115																19.60	33863	6.637
11	5th Year Maintenance	Ha	12592																		
12	6th Year Maintenance	Ha	8669																		
13	7th Year Maintenance	Ha	2084																		
14	8th Year Maintenance	Ha	1663																		
15	9th Year Maintenance	Ha	2084																		
16	10th Year Maintenance	Ha	1663																		
	Sub Total:					7.885			22.208			7.177			7.516			6.034			6.637
C	Forest Protection																				
17	Barbed wire fencing	Km	550000	1.780	605000	10.769															
	Sub Total:					10.769			0.000			0.000			0.000			0.000			0.000
D	Soil & Water Conservation including Water Harvesting Structures & CCT																				
18	Percolation tanks	Nos	50000	2	55000	1.100															
19	Saucer pits	Nos	15000	4	18500	0.860															
20	Filling of water into saucer pits	Nos	2000	4	2200	0.088	4	2420	0.097	4	2662	0.106	4	2928	0.117	4	3221	0.129	4	3543	0.142
21	Excavation of Forest pond	1	250000	1	275000	2.750															
22	Gully plugging with RFDs	22	10000	22	11000	2.420															
23	Staggered Contour Trenches (SCTs):- Manual - Size: 3m Length, 0.45 m top-width, 0.30 m bottom-width and 0.45 m depth; earthwork volume per trench: 0.506 cum (20 Ha x 50 nos per ha =1000 nos x 0.506 cum per trench=506cum) 02.01.08 b	Cum	297.80	506	328	1.658															
	Sub Total:					8.676			0.097			0.106			0.117			0.129			0.142
E	Administrative Cost - 10% over core activities					2.73296			2.23052			0.72837			0.76333			0.61625			0.67788
	Grand Total					32.56258			49.12039			13.76385			13.14967			6.77880			7.45668

Year-wise detailed Abstract of CA scheme for Double the Degraded Forest Land to an extent 19.60 Ha in Kaghaznagar Division in lieu of Diversion of 9.7887 Ha for Erection of 220 KV DC Line from 400/200 KV SS Nirmal to the proposed 220/132KV SS Utnoor in Nirmal District under Thermal Power Transmission Scheme for Evacuation of power from 4 X 270 Mw units at Nirmal and the line route is passing through the forest in favour of Superintending Engineer, OMC Circle, TS TRANSCO, Adilabad.

Sl. No	Item of Work	2026 - 27			2027 - 28			2028 - 29			2029 - 30			2030 - 31			2031-32			Grand Total		
		Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy	Unit Cost (Rs.)	Fin (Rs.in Lakhs)	Phy		Fin (Rs.in Lakhs)
1	2	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
	Double Degraded Forest Land to an extent 19.60 Ha																					
A	Nursery and other Infrastructure																					
1	Procurement of plantable seedlings of forestry species																			38045		33.45773
2	Procurement of Grass seed for sowing in planting site during raising and 1st year maintenance to prevent weed growth.																			90		0.73181
3	Borewell & Motor																			1		2.00000
4	Running charges & Electricity charges for nurseries																			1		1.40000
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			37.58954
B	Planting activities (SMM) - 19.60 Ha (3m x3m)																					
5	Advance Operations																			19.57		7.88506
6	Raising of Plantation																			19.57		22.20837
7	1st Year Maintenance																			19.57		7.17722
8	2nd Year Maintenance																			19.57		7.51615
9	3rd Year Maintenance																			19.57		6.03371
10	4th Year Maintenance																			19.57		6.63708
11	5th Year Maintenance	19.60	24537	4.809																19.57		4.80934
12	6th Year Maintenance				19.60	18582	3.642													19.57		3.64205
13	7th Year Maintenance							19.60	4913	0.963										19.57		0.96294
14	8th Year Maintenance										19.60	4312	0.845							19.57		0.84521
15	9th Year Maintenance													19.60	5945	1.165				19.57		1.16516
16	10th Year Maintenance																19.60	5218	1.023	19.57		1.02271
	Sub Total:			4.809			3.642			0.963			0.845			1.165			1.023			69.90500
C	Forest Protection																					
17	Barbed wire fencing																			2		10.76900
	Sub Total:			0.000			0.000			0.000			0.000			0.000			0.000			10.76900
D	Soil & Water Conservation including Water Harvesting Structures & CCT																					
18	Percolation tanks																			2		1.10000
19	Saucer pits																			4		0.66000
20	Filling of water into saucer pits	4	3897	0.156	4	4287	0.171	4	4716	0.189	4	5167	0.207	4	5706	0.228	4	6277	0.251	48		1.88182
21	Excavation of Forest pond																			1		2.75000
22	Gully plugging with RFDs																			22		2.42000
23	Staggered Contour Trenches (SCTs):- Manual - Size: 3m Length, 0.45 m top-width, 0.30 m bottom-width and 0.45 m depth; earthwork volume per trench: 0.506 cum (20 Ha x 50 nos per ha =1000 nos x 0.506 cum per trench=506cum) 02.01.08 b																			506		1.65755
	Sub Total:			0.156			0.171			0.189			0.207			0.228			0.251			10.46937
E	Administrative Cost - 10% over core activities			0.49652			0.38135			0.11516			0.10527			0.13934			0.12738			9.11434
	Grand Total			5.46176			4.19489			1.26674			1.15798			1.53275			1.40116			137.84724

Forest Divisional Officer
Kaghaznagar

District Forest Officer
KB-Asifabad

District Forest Officer
Kumaram Bheem Asifabad.

Field Director Project Tiger
KAWAL TIGER RESERVE
NIRMAL