

GOVERNMENT OF TELANGANA  
FOREST DEPARTMENT

From  
**Sri C. Sridhar Rao, SFS,**  
District Forest Officer,  
Siddipet

To  
**The Chief Conservator of Forests,**  
**Medak Circle**

Sir,

**Rc.No.803/S6/2017/, Dt:03.04.2017.**

**Sub:** TSFD - Forest (Conservation) Act, 1980 - Proposal for diversion of **3168.1315 ha (revised from 3221.2974 ha)** of forest land in 8 different forest divisions viz. Mahadevpur, Karimnagar-Sircilla, Siddipet, Yadadri, Medak, Nizamabad Banswada and Nirmal divisions for construction of canals, Tunnels, lift system, surge pool, delivery cistern, and reservoirs etc involved in **Kaleshwaram Project** in different districts of Telangana State in favour of Chief Engineer, Kaleshwaram Project - Revised Catchment Area Treatment (CAT) Plan - Submitted - Regarding.

**Ref:** 1. PCCF's Ref.No.2514/2017/FCA-1, Dated: 16.02.2017  
2. This office Rc.No803/S6/2017, Dt 25.03.2017  
3. CCF, Medak Rc.No. 263/C1/2017, Dt: 25-03-2017  
4. Gol (MoE & F) F.No.8-227/87-FC,dtd.18.06.2004.  
5. PCCF's Ref.No.2514/2017/FCA-1, Dated: 27.03.2017

In continuation of this Office reference 2<sup>nd</sup> cited, I am submitting herewith the revised Catchment Area Treatment (CAT) Plan for the forest land adjoining the proposed land for diversion in various notified Forest Blocks of Siddipet Division for construction of Canals, Tunnels, Lift System and Reservoir involving in Kaleshwaram Project as per the instructions issued by the Government of India, Ministry of Environment & Forests vide reference 4<sup>th</sup> cited.

The following revised scheme is proposed:-

**CATCHMENT AREA TREATMENT PLAN**

- (i) Protection to the Remnant Blocks after construction of Sri Komaravelli Mallanna Sagar, Ananthagiri reservoir, Gandhamalla reservoir, Kondapochamma reservoir Reservoir:

Peripheral trench is proposed alongwith Bund Planting 3 Rows (3x2) Bund Planting on Trenches & Babul See Broadcasting inside Trench with an financial outlay of Rs.120.533 Lakhs

**(ii) Soil & Water Conservation including Water Harvesting Structures:**

It is proposed to take up Soil & Moisture Conservation works (water harvesting structures) like Rock Fill Dams (RFDs), Mini Check Dams (MCDs), Percolation Tanks (PTs), Staggered Contour Trenches (SCTs) etc., in the Reserve Forest Bocks.

An amount of Rs.169.883 lakhs is proposed under Soil & Water Conservation component.

It is proposed to take up 184 Km Staggered Contour Trenches (SCT) Bund stabilization in the catchment area and also proposed to take up planting of rare/medicinal plant species including local indigenous species.

An amount of Rs.90.645 lakhs is proposed under planting component.

**(iii) Infrastructure Component & Fire Management :**

It is proposed to construct a building, frontline staff quarters for three Forest Beat Officers, with a cost of Rs.20.00 lakhs. Since the R.F. area adjoining the proposed diversion is subject to fire hazard, it is also proposed to create fire lines 650 km and also cost of fire equipments and other misc. items like maintenance of vehicles, salary of out sourcing staff for monitoring and evaluation.

An amount of Rs.181.885 lakhs is proposed under Infrastructure component.

**(iv) Social Economic Component:**

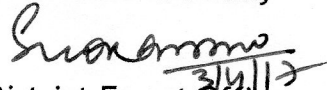
It is proposed to provide Gas connections other facilities like community Hall, provision of one Bore well, Cattle Pond, Solar lanterns, Solar Street lights etc., the project effect families through Vana Samrakshana Samithees (VSS) under Joint Forest Management concept.

An amount of Rs.150.000 lakhs is proposed under Social Economic Component.

Detailed compartment wise proposed structures and tentative cost is submitted as Annexure-I.

This is submitted for favour of kind information and further necessary action.

Yours faithfully



3/4/12  
District Forest Officer,  
Siddipet.

Encl: (Annexure-I)

Copy Submitted to the Additional Principal Chief Conservator of Forests (FCA),  
TS, Hyderabad for favour of kind information and necessary action.

Copy Submitted to the Chief Conservator of Forests, Medak Circle, Medak  
for favour of kind information and necessary action.

**Catchment Area Treatment Plan at Forest Land Diverted in Siddipet Forest Division for Construction of Canals, Tunnels, Lift System and Reservoirs involving in Kaleshwaram Project (Rs. In Lakhs)**

S.No.	Range	Block Name	Work Proposed	Phy	Unit cost in Rs Lakhs	Total cost in Rs Lakhs	Remarks
A. Mallanna Sagar Catchment							
Protection of Remanent Blocks							
1	Siddipet	Girraipalli	Peripheral Trench in km	13.88	1.500	20.815	
2	Siddipet	Kondapak		10.86	1.500	16.295	
3	Siddipet	Sirsangandla		18.61	1.500	27.914	
4	Siddipet	Yerraipalli		5.03	1.500	7.539	
Bund Planting 3 Rows (3x2) Bund Planting on Trenches & Babul See Braodcasting inside Trench							
1	Siddipet	Girraipalli	Bund Planting in km	13.88	0.167	2.311	
2	Siddipet	Kondapak		10.86	0.167	1.809	
3	Siddipet	Sirsangandla		18.61	0.167	3.099	
4	Siddipet	Yerraipalli		5.03	0.167	0.837	
Soil and Moisture Conservation Works							
1	Siddipet	Girraipalli	RFD (cmt)	500	0.009	4.485	
			MPT (No's)	2	5.000	10.000	
			PT (No'ss)	2	5.000	10.000	
			SCT(cmt)	1500	0.002	2.910	
2	Siddipet	Kondapak	RFD (cmt)	400	0.009	3.588	
			MPT (No's)	1	5.000	5.000	
			PT (No'ss)	2	5.000	10.000	
			SCT(cmt)	1000	0.002	1.940	
3	Siddipet	Sirsangandla	RFD (cmt)	550	0.009	4.934	
			MPT (No's)	3	5.000	15.000	
			PT (No'ss)	2	5.000	10.000	
			SCT(cmt)	2500	0.002	4.850	
4	Siddipet	Yerraipalli	RFD (cmt)	30	0.009	0.269	
			MPT (No's)	1	5.000	5.000	
			PT (No'ss)	1	5.000	5.000	
			SCT(cmt)	400	0.002	0.776	
Bund Planting 3 Rows (3x2) Bund Planting on SCT & Babul See Braodcasting inside Trench							
1	Siddipet	Girraipalli	Bund Planting in km	40.00	0.167	6.662	
2	Siddipet	Kondapak		30.00	0.167	4.997	
3	Siddipet	Sirsangandla		50.00	0.167	8.328	
4	Siddipet	Yerraipalli		4.00	0.167	0.666	
Planting of Rare/Medicinal Species local indigenous tree and shrub species							
1	Siddipet			1.00	10.000	10.000	
Infrastructure							
1	Siddipet		Nursery	1.00	25.000	25.000	
2	Siddipet		FBO Qaurter	1.00	20.000	20.000	
3	Siddipet		Vehicle hiring	1.00	1.440	1.440	
Creation of firelines in remanent block							
1	Siddipet		Firelines	250.00	0.043	10.775	
2	Siddipet	Fire fighting equipment		10.00	0.485	4.850	
Socio-economic component - Gas connections other facilities like community Hall, provision of one Bore well, Cattle Pond, Solar lanterns, Solar Street lights etc., the project effect families							
1	Siddipet			LS	50.000	50.000	



**B. Konda Pochamma Catchment****Protection of Remanent Blocks**

1	Siddipet	Narsampally and Thanedarpally	Peripheral Trench in km	4.5	1.500	6.750
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**Bund Planting 3 Rows (3x2) Bund Planting on Trenches & Babul See Braodcasting inside Trench**

1	Siddipet	Narsampally and Thanedarpally		4.50	0.167	0.749
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**Soil and Moisture Conservation Works**

1	Siddipet	Narsampally	RFD (cmt)	400	0.009	3.588
			MPT (No's)	2	5.000	10.000
			PT (No'ss)	2	5.000	10.000
			SCT(cmt)	2500	0.002	4.850
2	Siddipet	Singaipally	RFD (cmt)	300	0.009	2.691
			MPT (No's)	2	5.000	10.000
			PT (No'ss)	1	5.000	5.000
			SCT(cmt)	2500	0.002	4.850

**Bund Planting 3 Rows (3x2) Bund Planting on SCT & Babul See Braodcasting inside Trench**

1	Siddipet	Narsampally and Singaipally		35.00	0.167	5.829
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**Planting of Rare/Medicinal Species local indigenous tree and shrub species**

1	Siddipet			1.00	10.000	10.000
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**Infrastructure**

1	Siddipet		Nursery	1.00	25.000	25.000
2	Siddipet		FBO Qaurter	1.00	20.000	20.000
3	Siddipet		Vehicle hiring	1.00	1.440	1.440

**Creation of firelines in remanent block**

1	Siddipet		Firelines	200.00	0.043	8.620
2	Siddipet		Fire fighting equipment	10.00	0.485	4.850

**Socio-economic component - Gas connections other facilities like community Hall, provision of one Bore well, Cattle Pond, Solar lanterns, Solar Street lights etc., the project effect families**

1	Siddipet			LS	50.000	50.000
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**C. Ananthagiri Catchment****Protection of Remanent Blocks**

1		Alipur II	Peripheral Trench in km	14.5	1.500	21.750
		Alipur I	Peripheral Trench in km	4.95	1.500	7.425

**Bund Planting 3 Rows (3x2) Bund Planting on Trenches & Babul See Braodcasting inside Trench**

1		Alipur I and II		19.45	0.167	3.239
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**Soil and Moisture Conservation Works**

1		Alipur I and II	RFD (cmt)	250	0.009	2.243
			MPT (No's)	2	5.000	10.000
			PT (No'ss)	2	5.000	10.000
			SCT(cmt)	1500	0.002	2.910

**Bund Planting 3 Rows (3x2) Bund Planting on SCT & Babul See Braodcasting inside Trench**

1		Alipur I and II		25.00	0.167	4.164
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# Planting of Rare/Medicinal Species local indigenous tree and shrub species

1	Siddipet			1.00	10.000	10.000	
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## Infrastructure

1		Nursery	1.00	25.000	25.000	
2		FBO Qaurter	1.00	20.000	20.000	
3		Vehicle hiring	1.00	1.440	1.440	

## Creation of firelines in remanent block

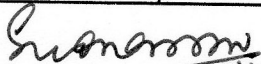
1		Firelines	200.00	0.043	8.620	
2		Fire fighting equipment	10.00	0.485	4.850	

## Socio-economic component - Gas connections other facilities like community Hall, provision of one Bore well,

1			LS	50.000	50.000	
				<b>Total</b>	<b>682.946</b>	

Administrative cost 10% over protection, planting, SMC component **38.91**

**Grand Total** **721.856**

  
 District Forest Officer  
 Siddipet