

PART - II**(To be filled by the concerned Asst. Conservator of Forests)****State Serial No. of proposal _****7. Location of the Project / Scheme:- BCM Division, Dummugudem Range.**

- i. **State / Union Territory** : Telangana
- ii. **District** : Bhadrachalam Division / Dummugudem Range
- iii. **Forest Division/Range** : Bhadrachalam Division / Dummugudem Range
- iv. **Area of Forest land proposed for diversion (in Ha.):** 27.227 Ha.

Sl. No.	Range	Section	Beat	R.F. Block	Compt. No.	Length in Kms	From		To	
							Lat	Long	Lat	Long
1	Dummugudem	Parnasala	Mulkana palli	Mulkana palli	61	3.299	17.933782	80.929624	17.946979	80.953019
2	Dummugudem	Bodanalli	Puligudala South	Pedami disileru	124	0.671	17.951627	80.960217	17.956726	80.963516
3	Charla	Bodanalli	Puligundala North	Pedami disileru	64	7.457	17.98072	80.975213	18.038756	80.940872
4	Charla	Tegada	Pedamidisileru South	Pedami disileru	68	2.187	18.02649	80.95479	18.03898	80.9402
			Total:			13.614				

- v. **Legal status of Forest land identified for prospecting:** Reserve Forest

vi. **Density of vegetation :**

- a. **Forest type** : Tropical dry deciduous forest:
- b. **Average crown density of vegetation:** The density Ranging from 0.4 to 0.6(Boxes)

vii. **Species-wise(scientific names) and diameter class-wise enumeration of trees :**

Sl. No.	Local name of tree	Botanical Name of tree	No. of trees	Girth class wise number of trees (CM)					No. of Poles	Timber of cum	Fuel cum	Total value in Rs.	Remarks
				Upto 30 cms	31 to 60 Cms	61 to 90 Cms	91 to 120 Cms	Above 120 Cms					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Bandaru	Adiana cardifolia	5	0	0	3	2	0	0	0.749	0	22412	
2	Batta Ganapa	Mitragyna parvifolia	1	0	0	1	0	0	0	0.120	0	735	
3	Billudu	Chloroxylon swietenia	2	0	2	0	0	0	0	0	0	286	
4	Chennangi	Logerstroemiaparviflora	4	0	4	0	0	0	0	0	0	650	
5	Chirumanu	Termilania Paniculata	60	0	49	11	0	0	0	1.769	0	19764	
6	Gummadi Teak	Meliana arboria	4	0	2	2	0	0	0	0.245	0	1706	
7	Ippa	Madhuka Indica	21	0	17	4	0	0	0	0.740	0	6373	
8	Kalagodu	--	7	0	5	2	0	0	0	0.240	0	2283	
9	Karaka	--	2	0	2	0	0	0	0	0	0	354	
10	Karangi	--	2	0	2	0	0	0	0	0	0	210	
11	Kasi	--	1	0	1	0	0	0	0	0	0	105	
12	Kodisha	Cleistanthus collinus	16	0	16	0	0	0	0	0	0	2667	
13	Konda Tangedu	Xylia xylocarpa	43	0	33	10	0	0	0	1.087	0	12956	
14	Koramanu	--	1	0	1		0	0	0	0	0	177	
15	Murali	--	5	0	4	1	0	0	0	0.092	0	1054	
16	N. Maddi	Morrinda clrifolia	40	0	11	21	8	0	0	3.598	0	141370	
17	Pusuga	--	2	0	1	1	0	0	0	0.079	0	661	

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18	Revadi	--	4	0	3	1	0	0	0	0.123	0	1208	
19	Scmi	Soymida febrifuga	7	0	7	0	0	0	0	0.120	0	1802	
20	Tani	--	3	0	3	0	0	0	0	0	0	459	
21	Teak	Tectona Groundis	83	0	55	21	7	0	0	7.610	0	515335	
22	Togara	--	1	0	1	0	0	0	0	0.929	0	9331	
23	Tuniki	Dioseyros melanoxylon	24	0	19	5	0	0	0	0.126	0	771	
24	Usiri	Emblca affinalis	3	0	3		0	0	0	0	0	459	
25	Yegisa	Pterocarpus morsupium	18	0	12	6	0	0	0	1.772	0	60681	
TOTAL			359	0	253	89	17	0	0	19.400		803808	

(viii) Brief note on vulnerability of the forest area to erosion.

All most all the proposed forest areas are flat lands with gentle slope and does not falling in steep slopes. Hence, the problem of erosion does not arise.

(ix) Approximate distance of proposed site for diversion from boundary of the forest land.

The proposed R&B road passing through in the midst of the Pedamidisileru Reserve forest area from Sethanagaram to Kurnapally.

(x) Whether forms part of national park, wildlife sancturary, biosphere reserve, tiger reserved, elephant corridor, wildlife migration corridor etc., (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed);

-----NIL----

(xi) Whether any rare or endangered or unique species of flora and fauna found in the area - if so details thereof.

-----NIL----

(xii) . Whether any protected archaeological or heritage site or defense establishment or any other important monument is located in the area - (If so, details thereof with no-objection certificate (NoC) from competent authority to be annexed.)

-----NIL----

8. Whether the requirement of forest land as proposed by the User Agency in col.2 of part-I is unavoidable and barest minimum for the project. If no recommended area item wise with details of alternatives examined.: --(Yes)

9. Whether any work in violation of the Act has been carried out (Yes / No) If yes details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.

----NIL---

10. Details of compensatory afforestation scheme:

The C.A. areas are identified in Anampalem village, Survey No.350/1 to an extent of 27 Acs, in Aswaraopeta mandal, Boriyalakunta village Sy.No.153/1 to an extent of 46 Acs, and in Asupaka village Sy.No.227 to an extent of 79 Acs Total: 152 Acs of CA lands in Dammapeta Range of erstwhile Khammam Division presently in Paloncha Division of Bhadradi Kothagudem District.

1. Site inspection report of the Asst. Conservator of Forests especially highlighting facts asked in col.7 (xi, xii) 8 and 9 above :

I have inspected all the sites in Dummugudem Range on 1.05.2017. The proposed road passing through in Compt.No.61 in Mulkanapally R.F. & in Compt.No.124, 64,68 of Pedamidisileru R.F. Block and details are as furnished below.

Sl. No.	Range	Section	Beat	R.F. Block	Compt. No.	Length in Kms	From		To	
							Lat	Long	Lat	Long
1	Dummugudem	Parnasala	Mulkana palli	Mulkana palli	61	3.299	17.933782	80.929624	17.946979	80.953019
2	Dummugudem	Bodanalli	Puligudala South	Pedami disileru	124	0.671	17.951627	80.960217	17.956726	80.963516
3	Charla	Bodanalli	Puligundala North	Pedami disileru	64	7.457	17.98072	80.975213	18.038756	80.940872
4	Charla	Tegada	Pedamidisileru South	Pedami disileru	68	2.187	18.02649	80.95479	18.03898	80.9402
				Total:		13.614				

In the above proposed stretch admitted Right of Way to width is 4 yards (3.6 Meters) in compt.No.61 of Mulkanapally R.F. and to width of 10 Yards (9 Meters) Right of Way (ROW) in the compartment No.124 of the Pedamidisileru R.F. There is no RoW from Puligundala to Kurnapally in compt.No.64 & 68 of Pedamidisileru R.F. The details of the area required for diversion of forest land for the above road is as shown below.

Sl. No.	Range	Section	Beat	R.F. Block	Compt. No.	Length in Kms	Proposed road width in Mtrs	Extent of the area in Ha.	Extent of the admitted ROW area in Ha.	Extent of the Forest Area required for diversion in Ha.
1	Dummugudem	Parnasala	Mulkana palli	Mulkana palli	61	3.299	20 Mtrs	6.598	1.1876	5.410
2	Dummugudem	Bodanalli	Puligudala South	Pedami disileru	124	0.671	20 Mtrs	1.342	0.604	0.738
3	Charla	Bodanalli	Puligundala North	Pedami disileru	64	7.457	20 Mtrs	14.914	0	14.914
4	Charla	Tegada	Pedamidisileru South	Pedami disileru	68	2.187	20 Mtrs	4.374	0	4.374
				Total:		13.614		27.228	1.7916	25.436

In the proposed road length it contains miscellaneous vegetation with medium girth class trees and few valuable timber trees in few stretches are present. Absolutely the proposed activity of laying of the road is for development and transportation purpose. Project does not cause any harm to the local flora and fauna. The proposed project is a public important project having basic amenity creation up to the remotest villages.

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All the sites falling in the forest type of Southern Tropical Dry Deciduous Forests (5A) as per Champion and Seth classification. The vegetation is of miscellaneous type with predominant species of *Tectona Grandis*, *Xylia xylocarpa*, *Termilania Paniculata*, *Morrinda citrifolia*, *Diospyros melanoxylon*, *Madhuca indica*, *Adiana cardifolia*, *Pterocarpus marsupium* etc., The proposed forest land for diversion for the proposed project is bearest minimum and unavoidable. The villages which are benefitted by the proposed road way will be mostly tribal inhabitants. The soil type ranges from Red soil to loamy and Black cotton soils. The average crown density of the vegetation is 0.40 to 0.60 in all the sites. All the sites are flat lands and not vulnerable to erosion.

12. Division / District Profile

i) Geographical area of the District	:	1,60,29,000 Ha.
	Division	: 94701.355 Ha.
ii) Forest area of the District	:	73,19,960 Ha.
	Division	: 39101.355 Ha.

iii) Total forest area diverted since 1980 with number of cases.

Sl. No.	Name of the project	Forest area diverted	Government order No.	Remarks.
1	Diversion of 2.717 Ha. of Forest land for laying pipe line and construction of structures in segment 25/17 (R.Kothagudem) for providing safe drinking water to Bhadrachalam constituency, Khammam District. (Telangana Drinking Water supply project)	2.717 Ha.	--	Proposals are prepared in full shape and submitted to Higher officials
2.	Diversion of 2.305 Ha. of Forest land for laying pipe line and construction of structures in segment 25/18 (Dummugudem) for providing safe drinking water to Bhadrachalam constituency, Khammam District. (Telangana Drinking Water supply project)	2.305 Ha.	--	Proposals are prepared in full shape and submitted to Higher officials
3.	Charla to Pusuguppa road	4.98 Ha.	--	Proposals are prepared in full shape and submitted to Higher officials
	Total Forest Area diverted	10.002 Ha.		

iv) Total compensatory afforestation stipulated in the district/division since 1980 on:

a) *Forest land including penal compensatory afforestation.*

----NIL---

b) *Non-forest land.*

-----NIL---

(v) Progress of compensatory afforestation as on (date) 10.07.2017 on

a) Forest land: --NIL--

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b) Non-forest land.: ---NIL--

13. Specific recommendations of the Asst. Conservator of Forests for acceptance of the proposal with reasons:

Recommended for the diversion of forest land in favor of R&B department and necessary clearance may be given.

The amount to be paid by the User Agency is calculated as per the Hon'ble Supreme Court of India order dated 28.03.2008, certified copy communicated in F.No.597/1995/SC/PILC, dated 15.05.2008, according to classification of forests for eco-class-III (consisting of Tropical Dry Deciduous Forests) cost of Rs.8.03 Lakhs per Ha.

NPV to be collected for 25.436 Ha. @Rs.8.03 lakhs per Ha. = Rs.204.25 Lakhs.

Date: 10.07.2017
Place: Bhadrachalam

Signature.....
Name: A. SRINIVASA RAO, S.F.S.,
Forest Divisional Officer
Bhadrachalam Division
Bhadrachalam