

## PART-II

(To be filled by the concerned Deputy Conservator of Forest)

State Serial No. of Proposal:.....

### 7) Location of the Project /Scheme.

i) State/Union Territory : TELANGANA.  
ii) District : KHAMMAM  
iii) Forest Division : KOTHAGUDEM  
Forest Block : CHATHAKONDA BLOCK  
Compartment Nos : 4 = 8.124 Ha (1.766 KMs)  
5 = 10.552 Ha (2.294 KMs)  
Total:: 18.676 Ha (4.06 KMs)  
(OR)  
18.68 Ha

vi) Area of Forest land proposed for diversion (in Ha): 18.68 Ha.  
(Erection of 400 KV QMDC line)

vii) Legal Status of Forest: The area of 18.68 Ha proposed diversion of forest land is falling in Chatakonda Forest Block notified U/s 18 of Hyderabad Forest Act No. 1 of 1326 Fasli and published in Part-I of Hyderabad Government Gazette No.1 dated 03.01.1355 Fasali

vi) Density of vegetation: The density in the proposed area for diversion of forest land is below 0.4. The existing tree growth of Misc. species such as Chedu Vepa (*Azadirachta indica*), Gumpena (*Odina woodier*), Dirushanam(*Albizia lebbek*) Pedda pala (*Mimusops hexandra*), Chinduga (*Albizia procera*), Nemali nara (*Holoptelia integrefolia*), Pachari (*Dalbergia paniculata*), Eucalyptus, Thani (*Terminalia bellerica*), Bojja (*Xylea xylocarpa*), Nallamaddi (*Terminalia alata*), Vepa (*Azadirachta indica*). Totally 849 No. of Misc., and E.P. trees.

Sl. No.	Botanical names of species	No. of trees/ poles	Girth class wise No. of trees of timber class					Poles Number	Timber Cu.mts	Fuel Cu.mts	Total value Rs.
			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
1	Forest Department area Enumeration list enclosed	207	--	--	23	43	--	60	75 = 35.728	6 Nos./2 tonnes Rs.4,320/-	Rs.6,18,589/-
2	TSFDC Area	642	338	304	0	0	0	0	0	0	Rs.1,05,677/-
	Total::	849	338	304	23	43	0	60	--	--	Rs.7,24266/-

vii) Species-wise (Scientific Names) and diameter, class -wise enumeration of trees to be enclosed. (In case of irrigation/hide projects enumeration at

Species wise and girth class wise enumeration trees are furnished in the enclosed statement.



viii) **Brief note on vulnerability of the forest area to erosion:** The area of 18.68 Ha applied for erection of 400 KV QMDC line is having Misc. species such as Chedu Vepa (*Azadirachta indica*), Gumpena (*Odina woodier*), Dirushanam (*Albizia lebbbeck*) Pedda pala (*Mimusops hexandra*), Chinduga (*Albizia procera*), Nemali nara (*Holoptelia integrefolia*), Pachari (*Dalbergia paniculata*), Eucalyptus, Thani (*Terminalia bellerica*), Bojja (*Xylea xylocarpa*), Nallamaddi (*Terminalia alata*), Vepa (*Azadirachta indica*). Totally 849 No. of Misc., trees. The area is undulate to plain. As the proposed area will be dug up the vulnerability for erosion will not arise. The soil type is Red loamy & Morrum soil with Sandy patches.

ix) **Approximate distance of proposed site for diversion from boundary of forest:**

The site is located at a distance of 4.00 KMs inside the boundary of Forest from Compt., No. 5 and ends at boundary Compt., No. 4.

x) **Whether forms part of national park wild life sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc (if so, the details of the area and comments of the Chief Wild Life Warden to be annexed):**

The proposed diverted area is located at a distance of below 200 mtrs away from the boundary of the Kinnerasani Wild Life Sanctuary and the diverted area falls within Eco-Sensitive Zone of Kinnerasani Wild Life Sanctuary above 735 Mtrs.

xi) **Whether any rare/endangered/unique species of flora and fauna found in the area if so details thereof:**

No, rare/endangered unique species of flora and fauna are found in the forest area proposed for diversion

xii) **Whether any protected archaeological/heritage site/defiance establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required:**

In the proposed site there are no archeological / heritage site or defence establishment etc, are located.

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.**

The present application is for erection 400 KV QMDC line from the proposed 4 x 270 MW Bhadradi TPP Near Manugur to the proposed 400/220 KV SS at Padamati Narsapuram Village, Julurpadu Mandal, Khammam District is 18.68 Ha is barest minimum of the project.

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

No work in violation of F.C Act has been carried out by the user agency. Certificate is enclosed.

10) **Details of compensatory afforestation scheme:**

i) **Details of non-forest area / degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch:**

Due to non-availability of non-forest lands with District Administration, the User Agency has requested the Department to identify double the extent of forest area diverted for CA purpose. Accordingly, the Forest Range Officer, Ramavaram has identified 37.36 Ha of degraded area in Compt No.34 of Dmaracharla Beat, and Compt. No.35, Abbugudem Beat of Abbugudem Section, Penagadapa R.F., Ramavaram Range. CA Scheme proposals are enclosed to the proposed.



ii) **Map showing non-forest / degraded forest area identified for compensatory afforestation and adjoining forest boundaries:**

The surveyed sketch of double the extent of degraded forest identified in Compt No.34 of Dmaracharla Beat, and Compt. No.35, Abbugudem Beat of Abbugudem Section, Penagadapa R.F., Ramavaram Range an extent of 37.36 Ha along with lat and long details and location of the area shown in Topo Sheet 1:50000 Scale.

iii) **Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule cost structure etc:**

Detailed CA Scheme identified in degraded forest of Penagadapa R.F. in compartment Nos.34 of Damaracharla Beat & 35 of Abbugudem Beat has been prepared and enclosed to the proposals. The scheme envisages under SMC and Model-II Artificial regeneration i.e., Raising of plantations degraded forests. The total cost of the CA scheme works up to Rs. 135.452 Lakhs for a period of (10) years from 2017-18 onwards.

iv) **Total financial outlay for compensatory afforestation scheme:**

The details of financial outlay for CA scheme of 37.36 Ha is as follows.

I	Treatment for Compensatory Afforestation Areas like Artificial regeneration, NTFP planting and SMC Works etc.,	158.069
II	Capacity Building including Trainings and work shops	15.807
	<b>TOTAL::</b>	<b>173.876</b>

v) **Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forest):**

Copies are enclosed in concerned CA Schemes.

11) **Site inspection report of the DCF,(To be enclosed) especially highlighting facts in column No.7(xi,xii) 8 and 9 above:**

I have inspected the area proposed for diversion for erection of 400 KV QMDC line 03.08.2016, Inspection note is enclosed.

12) **Division / District profile:**

- i) **Geographical area of the district:** 1,60,29,000 Ha  
**Division:** 2,11,420 Ha  
ii) **Forest Area of the District:** 73,19,960 Ha  
**Division:** 1,51,350 Ha  
iii) **Total forest area diverted since 1980 with number of cases:-**

4345.576 Ha in (17) cases.

1.	Diversion of Forest land for Yellandu underground mining lease by Singareni Collieries company Ltd.,	: 963.00 Ha.
2.	Diversion of Forest land for Kothagudem underground coal mining lease Singareni Collieries company Ltd.,	: 2338.00 Ha.
3.	Diversion of Forest land Gowtham Khani OCP Singareni Collieries company Ltd.,	: 261.31 Ha.
4.	Diversion of Forest land Gowtham Khani OCP-II Singareni Collieries company Ltd.,	: 124.00 Ha.
5.	Diversion of Forest land Centenary Incline Yellandu, (Entry into mine) Singareni Collieries company Ltd.,	: 4.77 Ha.
6.	Diversion of Forest land Koyagudem OCP-I Singareni Collieries company Ltd.,	: 236.00 Ha.
7.	Diversion of Forest land for Railway line Gajulagudem Railway Station to KTPS Singareni Collieries company Ltd.,	: 4.78 Ha.
8.	Diversion of Forest land formation of Road Gowtham Khani OCP to workers Quarter Singareni Collieries company Ltd.,	: 1.80 Ha.
9.	Diversion of Forest land Koyagudem OCP-II Singareni Collieries company Ltd.,	: 231.94 Ha.



10.	Diversion of Forest land for Realignment of Tellavagu Nala Singareni Collieries company Ltd.,	:	11.96 Ha.
11.	Diversion of Forest land for Feeder channel (Parikella Vagu Singareni Collieries company Ltd.,	:	0.99 Ha.
12.	Diversion of Forest land for Pump set at Padmavathi Khani Singareni Collieries company Ltd.,	:	0.90 Ha.
13.	Diversion of Forest land for Gowthamkhani OCP Phase-III Singareni Collieries Company Ltd.,	:	154.96 Ha
14.	Road from Gundala to Sayanapalli	:	1.751 Ha
15.	Road from Barlagudem to Rayanapadu	:	1.55 Ha
16.	Road from Kachanapally to Ananthathogu	:	3.185 Ha
17.	Road from Gundala to Shatpalli	:	4.68 Ha
<b>Total :</b>			<b>4345.576 Ha.</b>

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

a) **Forest land including penal compensatory afforestation:**

**An area of 138.11 Ha plantation** was raised up to end of 31.03.2016.

b) **Non-Forest land:** -----NIL -----

v) **Progress of compensatory afforestation as on (date) 31-03-16. on:**

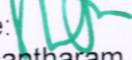
a) **Forest land:- 34.31 Ha. Plantation completed.**


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

13) **Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons:**

Recommended for erection of 400 KV QMDC line from the proposed 4 x 270 MW Bhadradri TPP Near Manugur to the proposed 400/220 KV SS at Padamati Narsapuram Village, Julurpadu Mandal, Khammam District.

Date:  
Place: Kothagudem.

Signature:   
Name: Shantharam, I.F.S.,  
Divisional Forest Officer.  
Kothagudem.

  
10/8/16