## FORM - A PROPOSAL FOR APPROVAL UNDER FOREST (CONSERVATION) ACT, 1980

## PART - II (To be filled by Deputy Conservator of Forests)

7	Location of the Project scheme	Rehabilitation and Up gradation of NH-565 from KM 86.057 to KM 133.922 (N.Sagar to Davupalli Section) to two lanes with paved shoulders in the state of AP under NHDP-IV  1) Pasuvemula R.F - 17.479 Ha.  2) Mutukuru R.F - 3.864 Ha. 21.343 Ha.
(i)	State / Union Territory	Andhra Pradesh
(ii)	District	Guntur
(iii)	Forest Division	Markapur(WL) Division
(iv)	Area of forest land proposed for diversion (in ha.)	1) Pasuvemula R.F – 17.479 Ha. 2) Mutukuru R.F – 3.864 Ha. 21.343 Ha.
(v)	Legal status of forest	Reserved Forest U/s 15 (NSTR) under Andhra Pradesh Forest Conservation Act, 1967 Declared as Rajiv Gandhi Wildlife Sanctuary during 1999 – falls in the buffer zone of Nagarjunasagar Srisailam Tiger Reserve.
(vi)	Density of Vegetation	Light jungle growth
(vii)	Species wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / Hydel projects enumeration at FRL, FRL-2 & FRL-4 meter also to be enclosed)	Enumeration list of species falling in the proposed diversion area is enclosed
(viii)	Brief note on vulnerability of forest area to erosion	Erosion would be minimum as the surface is hard rocky surface.
(ix)	Approximately distance of proposed site for diversion from boundary of forest.	The proposed site is located in comp no. 85 & 86 of Pasuvemula RF and comp no. 64 of Mutukuru R.F.

(x)	Whether forms part of National Park, Wildlife Sanctuary biosphere reserve, Tiger Reserve, Elephant corridor, etc. (it so, the details of the area and comments of the Chief Wildlife Warden to be annexed)	Yes, it is part of Nagarjuna Sagar Srisailam Tiger Reserve (Rajiv Gandhi Wildlife Sanctuary) in Markapur (WL) Division of Project Tiger Circle, Srisailam. The said area falls in the buffer zone of Nagarjuna Sagar Srisailam Tiger Reserve.
(xi)	Whether any rate/endangered/unique species of flora and fauna found in the area if so details thereof	Dominant floral species are Chloroxylon swietenia, Hardwickia binata, Zizyphus xylopyrus, Albezzia amara, Grewia asiatica, Acacia sundra, Cassia fistula, Carissa carandas, Azahdirecta Indica, Radica dumatorm, Canthiyam parviflore, ZIzupus Zijuba scrub, Casia arienlete etc., The ground flora consists of grasses which are prone to annual fires in the dry season. The faunal elements found are Tiger, Leopard, Sloth Bear, Wild dogs, Wolf, Jackals, Ratel, Porcupine, Foun horned antelope, Sambar, Spotted deer, Chinkara and Nilgai move in these areas apart from variety of reptiles, amphibians and birds and insects and a diverse avifauna as well.
(xii)	Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	Nil
8	Where the requirement of forest land as proposed by the user agency in col. 2 or part-1 is unavoidable and barest minimum for the project. If so recommended area item wise with details of alternatives examined.	Yes, the area required is 21.343 Ha and it is unavoidable and barest minimum for the project.
9	Where any work in violation of 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.	No
10	Details of compensatory Afforestation scheme:	THE PROPERTY OF THE PARTY OF TH
(a)	Details of non-forest area / degraded forest area identified for compensatory Afforestation its distance from adjoining forest, number of patches, size of each patch.	CA Scheme is prepared for the treatment of double the area of treatment in Degraded forest to the extent of 42.27 Ha.
(b)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.	As CA land is in Guntur Division, CA Scheme is prepared by DFO, Guntur.

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(c)	Details of compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	DFO, Guntur has submitted the CA Scheme
(d)	Total financial outlay for compensatory Afforestation scheme	Rs. 213.999 lakhs
(e)	Certificate 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 Forests)	DFO, Guntur has submitted Soil Suitability certificate and Submitted CA Scheme
11	Site inspection report for DCF (to be enclosed) especially highlighting facts asked in Col.7 (xi,xii) 8&9 above.	Site inspection report is enclosed.
12	Division / District profile:	Markapur
(i)	Geographical area of the Division	6588.14 Sq.KM
(ii)	Forest area of the Division	2543.48 Sq.KM
(iii)	Total forest area of the diverted since 1980 with number of cases.	2020.9 Ha in 6 cases
(iv)	Total compensatory Afforestation stipulated in the district / division since 1980 on	2378.66 На.
(a)	forest land including penal compensatory Afforestation,	The penal CA Scheme at the cost of Rs.495.00 Lakhs is being implemented in an extent of 193.579 Ha over degraded forest land (Five times in extent to the forest land 38.5871 Ha. utilized for non - forestry purpose which was paid by the User Agency of Poola Subbaiah Veligonda Project). The Penal CA scheme is under progress.
(b)	non-forest land.	Total CA area taken over since 1980 is 2378.66 Ha. CAMPA scheme is being implemented from 2009-10 onwards.
(v)	Progress of compensatory Afforestation as on (date) 31.12.2016 on	ceff (c)
(a)	Forest land	Planting was completed in an area of 194 Ha. in Degraded Forest land during 2014-15 and 2015-16 planting season in Markapur Range and Y.Palem Range.
(b)	Non-forest land	82.506 Ha.

13 Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.

Recommended with mitigation measures as follows.

- 1) Two under passes with a height of 10 feet clearance with a span of 30 feet are to be constructed by the user agency at Econampet gate locality (GPS Lat: 16.55946; Long: 79.36919) and Bhaskar rao bridge locality (GPS Lat:16.56270; Long:79.36062) for free movement of Wild animals.
- 2) Adequate number of Ramblers and reflecters are to be placed in this stretch of 7 Kms in both Mutukuru and Pasuvemula RFs.
- 3) Sufficient number of caution boards are to be placed in both sides of the road indicating speed limits to control over speeding.
- 4) Display boards are to be placed along the road spreading the message of Wildlife Conservation.
- 5) Mitigation plan with an aim to reduce the negative impact of road widening and for protecting and improving Wildlife habitat is enclosed herewith, which needs to be implemented.

Date:

Place:

Office Seal:

Signature:

( Name in block Letters):

Designation:

Divisional Forest Officer(WL)

Markapur