

**Sub: Proposal for diversion of 51.783 ha of forest land for construction of Turi-Guntat medium Irrigation Project in Nabarangpur Block of Nabarangpur District, Odisha.**

S.N.1® Page 1-439/cor.

1. The State Government of Odisha vide their letter No. 10F (Cons) 256/2016/22291/F&E dated 30.11.2016 submitted the above mentioned proposal seeking prior approval of the Central Government under Sectin-2 of the Forest (Conservation) Act, 1980.
2. The facts related to the proposal as contained in the State Government's letter dated 30.11.2016 are given below in the form of fact sheet:

**FACT SHEET**

1.	Name of the Proposal	Proposal for diversion of 51.783 ha of forest land for construction of Turi-Guntat Medium Irrigation Project in Nabarangpur Block of Nabarangpur District, Odisha
2.	Location (i) State (ii) District	Odisha Nabarangapur
3.	Particulars of Forests: (i) Name of Forest Division and Forest area involved. (ii) Legal status/Sy.No.	Nowrangpur Forest Division            51.783 ha  7.193 ha    Reserved Forest 38.702 ha   Village Forest 5.404 ha    Forest by dictionary meaning 0.167 ha    Bade Jhad ka jungle 0.317 ha    Revenue Forest
4.	Vulnerability to erosion	Plan area having gentle slop. No vulnerab erosion. <b>(pg-30/c)</b>
5.	(i) Species  (ii) Density  (iii) No. of trees enumerated/to be actually felled	Tree species are noticed in this area are Acacia ( <i>Acacia auriculaeformis</i> ), Jamu ( <i>Syzigium cumini</i> ), Karanja ( <i>pongamia pinnata</i> ), Kaju ( <i>Anacardium occidentale</i> ), Kasi ( <i>Bridelia retusa</i> ), Kendu ( <i>Diospyros melanoxylon</i> ), Kurei ( <i>Holarrhena antidysentrica</i> ), Mango ( <i>Mangifera indica</i> ), Sirisi ( <i>Albizia procera</i> ), Bahada ( <i>l'erminalia belerica</i> ), Badachakunda ( <i>Samania saman</i> ), Dimiri ( <i>Ficus glomerata</i> ), Maha neem ( <i>Melia azadirachta</i> ), Bara ( <i>Ficus bengalensis</i> ), Char ( <i>Buchanania lanzan</i> ), Mohilla ( <i>Madhuca indica</i> ), Neem ( <i>Azadirachta indica</i> ), Sal ( <i>Shorea robusta</i> ), Sana chakunda ( <i>Cassia siamea</i> ), Sidha ( <i>Lagerstroemia parviflora</i> ), Sirnili ( <i>Bombax ceiba</i> ), Subabul ( <i>Acacia. nilotica</i> ) etc.  Open Forest with canopy density 0.3, Eco Class II  6057 nos. of trees are enumerated to be felled. <b>(Pg-288-310/c)</b>
6.	Whether forms part of National park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor, etc. (if so, details of the area	No

	and comments of the Chief Wildlife Warden	
7.	Whether any RET species of flora and fauna are found in the area. If so details thereof	No
8.	Approximate distance of the proposed site for diversion from boundary of forest.	Not given
9.	Whether any protected archaeological/ heritage site/defence establishment or any other important monuments is located in the area.	No
10.	Whether any work of in violation of the Forest (Conservation) Act, 1980 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
11.	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
12.	Whether clearance under the Environment (protection) Act, 1986 is required?	Yes, Not given
13.	<b>Compensatory Afforestation</b>	
	(i) Details of non-forest area/degraded forest area identified for CA, its distance from adjoining forest, number of patches, size of each patches.	Non-forest Govt. land of 51.783 ha has been identified in two villages (village Nuagaon – 20.785 ha + village Bamuni – 30.998 ha) in Nabarangpur District.
	(ii) Detailed CA scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	CA scheme has been submitted by the State Government. CA has been proposed over 51.783 ha <b>(Pg-337-359/c)</b>
	(iii) Total financial outlay for CA	Rs. 62,40,900.00 <b>(pg-359/-)</b>
	(iv) Certificate from the competent authority regarding suitability of the area identified for CA and from management point of view.	DFO, Nabarangpur Forest Division has informed that 20.785 ha of land in village – nauagaon and 31.015 ha has been indentified in village- Bamani, District Nabarangpur identified for Compensatory afforestation and the same is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments as per the certificate given. <b>(pg-360/c)</b>

14.	Catchment Area Treatment	It is reported by Project Proponent that the Dam project has a free Catchment of 612 sq. km. and preparation of Catchment Area Treatment Plan is under process and will be finalized in due course in consultation with Forest Department ( <b>pg-368-408/c</b> ).
15.	Rehabilitation of Oustees a) No of families involved b) Category of families c) Details of rehabilitation plan	No NA NA
16.	Employment likely to be generated a) Whether the project is likely to generate employment b) Permanent/ Regular Employment (Number of person) c) Temporary Employment (Number of person-days)	Yes. ( <b>pg-25/c</b> )  30  400000
17.	Compliance of Scheduled Tribe and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006	Two FRA certificates for 20.775 ha + 31.010 ha =51.785 ha ( <b>pg-240&amp;241/c</b> ) have been given. However, the certificate for Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 for an area of 20.775 ha. has not been given in the prescribed format ( <b>pg-240/c</b> ) and without Gram Sabha resolution.
18.	Site Inspection Report by RCCF	<b>Pg-33/c</b>
19.	Cost Benefit Ratio	Cost benefit ratio as given ny DFO is 1:5.926 ( <b>pg-235/c</b> ) and where as the State Government has reported in their forwarding letter is 1.822.
20.	Total Cost of the Project	Rs 11787.5 (Rupees in lacs) ( <b>Pg-20/c</b> )
21.	Recommendation	
	DFO	Recommended ( <b>Pg-31/c</b> )
	RCCF	Recommended ( <b>Pg-32/c</b> )
	PCCF	Recommended ( <b>Pg-34/c</b> )
	SG	Recommended ( <b>Pg-35/c</b> )
22.	District Profile (i) Total Geographical area of the district  (ii) Total Forest area/ Divisional Forest area  (iii) Total area diverted since 1980  (iv) Total CA stipulated since 1980 (Forest land) a. Forest land including penal CA b. Non Forest Land	529400 ha  246272.52 ha  72.0118 ha (06 cases)  72.83 ha  ---

	(v) Progress of Compensatory Afforestation as on 5.2.16	
	a. Forest land	39.92 ha
	b. Non Forest land	23.06 ha

3. After examination of the above facts of the proposal, the following shortcomings found:
- (i) Two FRA certificates for 20.775 ha + 31.010 ha =51.785 ha (pg-240&241/c) have been given. However, the certificate for Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 for an area of 20.775 ha. is not in the prescribed format (pg-240/c) and without Gram Sabha resolution. **Thus, the compliance on FRA is in-complete.**
- (ii) It is reported by Project Proponent that the Dam project has a free Catchment of 612 sq. km. and preparation of Catchment Area Treatment Plan is under process and will be finalized in due course in consultation with Forest Department (pg-368-408/c). **The approved CAT plan is not given.**
4. Accordingly, the State Government requested vide this Ministry's letter dated 18.04.2017(Pg.429/c) to provide the information as indicated in para (3) above for further consideration of the proposal in the Ministry.
5. The State Government of Odisha vide their letter No. 10F (Cons) 256/2016/9852/F&E dated 12.05.2017 (Pg.430-486/c) submitted a point-wise reply on the Ministry's letter dated 18.04.2017and the reply is reproduced below.
- (i) This irrigation project has two components i.e. canal (linear) and barrage pond (non-linear) for which user agency has filed this proposal online as a HYBRID project and accordingly the relevant fields were filled/uploaded by the project proponent in the portal of the Ministry and the same was processed accordingly by the State Government. As regards compliances of Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 guidelines of the Ministry's dated 03.08.2009/05.07.2013, it is stated that the Collector, Nabarangpur has issued certificate pertaining to entire 51.783 ha of forest land for this irrigation project in two phases i.e. for 20.775 ha for construction of canal (linear) in the prescribed format in Form I (Pg.433/c) and for 31.010 ha. for construction of Barage (non-linear ) in the prescribed format in Form II(Pg.434/c). Since linear projects are exempted from having Gram Sabhas and other related documents, no such documents were provided by the Collector pertaining 20.775 ha. of forest land proposed for diversion for canal project. However, the Collector had furnished the copy of proceedings of DLC (dt. 28.01.2016: Pg.444-445/c) and SDLC meeting (dt. 28.01.2016: Pg.446-447/c) and Gram Sabhas held at villages Chatahandi (dt. 18.12.2015), Bikarampur (18.12.2013), Dangriguda (dt. 19.12.2013, Teliguda (dt. 18.12.2013 Chikili (dt. 12.09.2015), Gumaguda (dt. 10.09.2015) Saranpur (30.12.2013) and Palpur (dt. 05.10.2015) in Odia language along with their English version pertaining to forest land coming under Barrage area of this project i.e. 31.010 ha. All these documents were furnished in the Forest Diversion proposal. As required now, the relevant two no. of certificates in original issued by the Collector, Nabarangpur, as provided by Chief Engineer (PPF&I) vide his letter no. 1858 dt. 11.05.2017 are enclosed herewith.
- (ii) With regard to approved CAT Plan, it is reported by the State Govt. that while forwarding the diversion proposal to the Ministry, Catchment Area Treatment Plan for this irrigation project duly approved by Addl. PCCF (Forest Diversion) & Nodal Officer , FC Act with an estimated

cost of Rs. 2,58,37,200/- at current wage rate of Rs. 200/- per man-day was furnished. Copy of approved CATP for the project was enclosed in the DP, and available in file at **page 364-405/c**.

In view of above, it is proposed that the proposal for **diversion of 51.783 ha of forest land** for construction of **Turi-Guntat medium Irrigation Project** in Nabarangpur Block of Nabarangpur District, Odisha may be placed before FAC in its meeting to be held on 16.05.2017 as **additional agenda**.

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