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ଜଣ୍ଡାସୁଗୁଡ଼ା ବନାୟକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡ଼ା ବନଖଣ୍ଡ ।

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Memo No. ୨୨୦ /4F (Misc.),
Dated Jharsuguda the 29th Jan, 2021.

To,

The Regional Chief Conservator of Forests,
Sambalpur Circle, Sambalpur.

Sub: - Diversion of 4.046 ha. of forest land for construction of Water treatment Plant (WTP) for execution of Mega piped water supply project to 42GPs in Jharsuguda, Kirmira, Kolabira, Laikera Blocks in Jharsuguda District.

Ref: - (i) Online application No. FP/ OR/ PIPELINE/45293/ 2020.
(ii) Letter No.779, dated.28.07.2020 of the Executive Engineer, R W S & S Division, Jharsuguda.

In inviting a reference to the letter cited above on the captioned subject, this is to inform that the Forest Diversion proposal submitted by the Executive Engineer, R W S & S Division, Jharsuguda for diversion of **4.046 Ha.** of Forest land under FC Act, 1980 for construction of Water Treatment Plant (WTP) for execution of Mega Piped water supply project to 42GPs in Jharsuguda, Kirmira, Kolabira, Laikera Blocks in Jharsuguda District of Odisha under Jharsuguda Forest Division has been processed. The site has been inspected on 17.12.2020 in presence of all person concerned. The facts pertaining to the proposal are as follows: -

1. Brief Description:

Construction of Water Treatment Plant (WTP) by overhead reservoirs with laying of DI & HDPE pipelines (Max dia. 800mm) at H. Katapali Village under Jharsuguda Tahasil by RWW&S, Division, Jharsuguda is aimed for providing the potable drinking water to 2.1 lakhs rural population which cover 193 villages in 42 Gps in Jharsuguda, Kirmira, Kolabira, Laikera Blocks in Jharsuguda District. The main aims/objectives of the project are to supply safe drinking water to the rural areas.

2. Justification for Locating the Project on Forest land:

After detail survey of the source of fresh water, the RWS&S Division, Jharsuguda identified Hirakud Reservoir as the major source of fresh water. Taking into the source of water, the Revenue forest land in village H. Katapali under Jharsuguda Tahasil of Jharsuguda District is identified for establishment of the Water Treatment Plant for providing

drinking water facility to 193 nos. of villages of Jharsuguda, Kirmira, Kolabira, Laikera Blocks in Jharsuguda District.

3. Maps:

The user agency has submitted the following maps duly authenticated.

Sl No	Plates Description	Scale	Index
1	Location map : Survey of India Topo Sheet No F44R13 (Scale 1:50000)	1:50000	Plate-I
2	DGPS map of the Project	1:4,000	Plate-II
3	Topo map of CA Land at Village Khajurikhaman district Jharsuguda F45M5 (73C/5)	1:50000	Plate-III
4	DGPS Map of CA Land	1:3960	Plate-IV
5	KML File		In CD
	of the Project site		
	of the CA Land		

4. Forest Land:

The forest land involved in the project is 4.046 Ha in village H.Katapali under Jharsuguda Tahasil of Jharsuguda District. The land is Revenue Forest (Gramya Jungle). The Tahasildar, Jharsuguda has authenticated the land schedule and the undersigned (at *Annexure-I*) of the DP. The details of the land are as furnished below.

Sl No.	Name of the Tahasil	Name of the Village	Khata No.	Plot No.	Kissam	Total Area (Ac.)	Acquired Area (Ac.)	Remarks
1	2	3	4	5	6	7	8	9
1	Jharsuguda	H.Katapali	462	5383	Gramya Jungle	1.81	1.81	4.046 ha as per RoR, but as per DGPS
2	Jharsuguda	H.Katapali	462	4962(P)	Gramya Jungle	23.23	8.19	
Total Area:-						10.00 Ac. or 4.046	10.00 Ac. or 4.046	Survey, the area comes to 4.045 ha.

The DGPS Map of the Project site is at Plate No. II and the KML File is in a CD attached to this DP.

5. Flora & Fauna:

(a) **Flora:** Tree species which are commonly noticed in the proposed area are Bara (Ficus benghalensis) Acacia (Acacia auriculaeformis) Chakunda (*Cassia siamea*) Kaju (Anacardium occidentale) Pipal (Ficus religiosa) Teak (Tectona grandis) Jamu (Syzygium cumini) Panas (Artocarpus heterophyllus) Simuli (Bombax Ceiba) Mahaneem (Melia composita)

(b) **Fauna:** Presence of wild animals is negligible. The wildlife noticed in the area are Wildlife like Hanuman (Presbytis entellus entellus), Odha (Lutra perspicillata perspicillata), Gunduchi musa (Funambulus Pennanti) and Musa (Rattus rattus rufescens) are seen in the forest land proposed for diversion but their population is very thin. Birds like Tentei (anellus malabaricus) Koili (Eudynamys

scolopacea scolopacea), Kubhati (*Centropus sinensis* Parroti), Kopata (*Streptopelia decaocto*), Damara Kua (*Curvas macrohyachos culmintatus*) etc are seen. Common reptiles and lizards like Dhandasapa (*Enhydryis enhydryis*), Dhamana Sapa (*Elephe radiata*), Chitti Sapa (*Dendrelaphis ahaetulla*), Naga Sapa (*Naga naja kothia*), common garden lizards are seen in the area.

6.Tree Enumeration:

Plot wise tree enumeration has been carried out in the Forest area applied for diversion. The details enumeration list of 51 nos trees has been annexed separately with the proposals(*Annexure-2*). The density of vegetation of Revenue Forest Area in Jharsuguda Forest Division is Below 40% of Eco-Class-III.

7.Wildlife Matters:

The land proposed for diversion does not form a part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Reserve, Elephant Corridor. It is also not coming within Eco Sensitive Zone of any National Park/ Sanctuary.

8. Compensatory Afforestation:

Against diversion of 4.06 ha of forest land, for Compensatory Afforestation purpose, Non- Forest land over an area 4.046 Ha or 10.00 Ac. has been provided by the Collector, Jharsuguda vide letter No.XVIII-C-22/2020-15158/Rev.dt.21.09.2020 at Village Khajurikhaman of Tahasil Laikera in Jharsuguda District (at *Annexure-3*). The Tahasildar, Laikera has furnished the certificate that this area is free from encroachment vide his letter No.1885 dt.16.10.2020. (at *Annexure- 4*)

The Compensatory Afforestation Cost estimated to be **Rs. 25,86,300.00..** The detail scheme attached in *Annexure-5* of the Diversion Proposal. The suitability certificate, DGPS map and Topo map have been authenticated by the undersigned. The user agency has furnished an undertaking to bear the cost of Compensatory Afforestation (at *Annexure-6*). The Topo Map and DGPS Map of CA land are at Plate No. III and IV respectively of this DP. The KML file of CA land identified is in a CD attached to this DP.

The species proposed for plantation under Compensatory Afforestation Scheme are *Azadirachta Indica* (Neem) *Derris Indica* (Karanja) *Emblica officinalis* (Amla) *Dalbergia Sisoo* (Sisoo) *Melia Azedarach* (Maha Neem) *Dendrocalamus Strictus* (Salia Bamboo) *Terminalia Arjuna* (Arjun) *Tamarindus Indica* (Tentuli) *Swietenia* (Mehagani) *Albizia Lebbeck* (Sirisa) *Artocarpus heterophyllus* (Panasa) *Mangifera Indica* (Mango)

9. Cost Benefit Analysis:

The Proposed area for diversion is less than 20 Ha. Hence No cost benefit analysis is required as stipulated vide MoEF & CC Guideline No. 7-69/2011-FC (pt)dt. 01.08.2017.

10.Environmental Clearance:

The Proposed Project does not require Environmental Clearance under EIA Notification, 2006.

11.Rehabilitation & Resettlement:

The Project does not involve any habitation. Hence there is no displacement. Rehabilitation & resettlement is not required for the proposed project.

12.Compliance of FRA Guidelines of MoEF & CC, Govt. of India:

The User Agency has submitted an undertaking to produce the FRA certificate before Stage-II approval. The same is enclosed in ***annexure-7*** of the DP.

13. Geo-Reference Map:

As per the guidelines, all diversion proposals is to be accompanied by the DGPS map duly authenticated by the ORSAC (Odisha Space Application Centre), Bhubaneswar. The user agency has submitted the DGPS map duly authenticated by the ORSAC & the same is enclosed in the Diversion Proposal.

14. Violation:

There is no violation under Forest (Conservation) Act, 1980.

15.Net Present Value:

The user agency has furnished an undertaking to pay the NPV (Net Present value) and additional Net Present Value as will be demanded by the Forest department. The undertaking is at ***Annexure-8***.


16. Others:

- a) The Project area has been inspected on 17.12.2020 and the Site Inspection Report is enclosed in the DP.
- b) Part-II is enclosed in the DP.
- d)Part-I is enclosed in the DP.
- d)The Executive Engineer, RWS & S, Division, Jharsuguda is authorized to file this application. The letter of authorization is enclosed in the DP.

17. Recommendation.

Keeping in view of the discussion, 4.046 Ha. or 10.0 Ac. of forest land for construction of Water Treatment Plant (WTP) for drinking water at H.Katapali under Jharsuguda Tahasil is recommended for diversion in favour of Executive Engineer, RWS&S Division, Jharuguda for the greater interest of people of the localities.

Encl: Forest Diversion Proposal in 5 sets.


Divisional Forest Officer,
Jharsuguda Forest Division


Memo No. 421 dt. 29.01.2021

Copy submitted to the Principal Chief Conservator of Forests, Forest Division & Nodal Officer O/o- PCCF, Odisha, Bhubaneswar for favour of kind information & necessary action.


Divisional Forest Officer,
Jharsuguda Forest Division

Memo No. 422 dt. 29.01.2021

Copy forwarded to the Executive Engineer, RWS & S Division, Jharsuguda for information & necessary action with reference to his Letter No. 779, dated.28.07.2020.


Divisional Forest Officer,
Jharsuguda Forest Division