

PART-II

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

7. Location of the Project/Scheme.

i. State/Union Territory.	Odisha.																										
ii. District.	Keonjhar																										
iii. Forest Division.	Keonjhar Forest Division.																										
iv. Area of Forest land proposed for diversion (in ha.)	<p>The area of the forest land proposed for diversion is 310.11 ha. The detailed pattern of utilization in respect of applied forest land is produced hereunder-</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 5%;">Sl. No.</th> <th style="width: 25%;">Purpose</th> <th style="width: 10%;">Reserved Forest (ha)</th> <th style="width: 10%;">Revenue Forest (ha)</th> <th style="width: 10%;">Sabik Forest (ha)</th> <th style="width: 10%;">DLC Forest (ha)</th> <th style="width: 10%;">Total Forest Land (ha)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Construction of Right Main Canal and distributary etc.</td> <td style="text-align: center;">105.192</td> <td style="text-align: center;">104.205</td> <td style="text-align: center;">99.342</td> <td style="text-align: center;">1.371</td> <td style="text-align: center;">310.11</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td style="text-align: center;">105.192</td> <td style="text-align: center;">104.205</td> <td style="text-align: center;">99.342</td> <td style="text-align: center;">1.371</td> <td style="text-align: center;">310.11</td> </tr> </tbody> </table>						Sl. No.	Purpose	Reserved Forest (ha)	Revenue Forest (ha)	Sabik Forest (ha)	DLC Forest (ha)	Total Forest Land (ha)	1	Construction of Right Main Canal and distributary etc.	105.192	104.205	99.342	1.371	310.11	Total		105.192	104.205	99.342	1.371	310.11
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v. Legal status of Forest.	<p>Reserve Forest = 105.192 ha Revenue Forest = 104.205 ha Sabik Forest = 99.342 ha DLC Forest = 1.371 ha Total = 310.110 ha</p>																										
vi. Density of vegetation.	<p>The canopy density of the prevailing forest growth varies from 0.2 to 0.5. The prevalence of pole crop to middle aged Sal crop in this area indicates the shifting cultivation in the past and the crop can therefore be considered to be secondary origin. The average canopy density of the instant forest area to be diverted is found to be 0.5.</p>																										
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 mtr and FRL-4 meter also to be enclosed.	<p>Species wise and diameter class wise abstract of trees enumerated in respect of the applied forest land is enclosed as Annexure- 12 (A)</p>																										
viii. Brief note on vulnerability of the Forest Area to erosion.	<p>The area applied for diversion is sloppy in some parts and plain in some part, the sloppy area is prone to soil erosion. Therefore, there should be a proper plan/design to arrest the soil particles within the project area. The User Agency may be insisted upon to plan and implement this activity at project cost.</p>																										
ix. Approximate distance of proposed site from diversion from boundary of	<p>The proposed site is partly coming within the Kalikaprasad RF, Laxmiposi RF, Tangrani RF, Balibandh RF, Uliburu RF, Jyotipur RF, Bardhana RF, Muni RF and Budhikapudi RF.</p>																										

forest.	
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 applied area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. Nonetheless, this site falls under Elephant habitat zone- 2 as per the book titled "Remote Sensing Application for characterization of elephant habitat and corridor in Odisha and parts of Bihar" published by ORSAC in September, 1999.
xi. Whether any rare/ endangered/ unique species of flora and fauna in the area, if so details thereof.	There is no rare/ unique species of flora and fauna in the area applied for diversion. However endangered fauna like Elephants are often noticed in the forest area applied for diversion.
xii. Whether any protected archeological/ 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.	No protected archeological/ heritage site/ defense establishment or any other important monument is located in the area.
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 alternatives examined.	The applied Forest area of 310.110 ha is unavoidable and barest minimum required for the project.
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.	No violation is committed in the forest land proposed for diversion under FC Act, 1980 for construction of Right Main Canal and distributary etc in Kanpur Canal system in the applied forest area for diversion.

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.	<p>Non-forest Govt. land required for Compensatory Afforestation, for diversion of 310.11 ha of Forest Land under Sec 2(ii) under FC Act, 1980, will be met from the identified and allotted non-forest Govt. land over 321.00 ha in village Lungajhar under Banspal Tahasil of Keonjhar District in favour of Kanpur Irrigation Project vide letter No. 303/Rev dt. 24.02.2018 of Collector, Keonjhar. Accordingly, Compensatory Afforestation scheme at the prevailing wage rate @Rs. 308.00 per MD with a maintenance period of ten years under ANR model @400 seedlings/ha (Bald Hill) has been prepared. The copy of the allotment letter issued by Collector, Keonjhar is enclosed as Annexure- 9. Degraded forest land have been identified in Ukhunda RF under Champua Range (224.675 ha), for raising balance seedlings at the prevailing wage rate @Rs. 308.00 per MD with a maintenance period of ten years under ANR model @400 seedlings/ha. In Raghunathpur RF under Keonjhar Range (86.280 ha) & Barabanka RF under Keonjhar Range (110.749 ha) for raising balance seedlings at the prevailing wage rate @Rs. 308.00 per MD with a maintenance period of ten years under ANR model @600 seedlings/ha CA scheme has been prepared. Compensatory Afforestation scheme, prepared by the Divisional Forest Officer, Keonjhar Division in respect of the aforementioned Non-forest land and degraded forest land are enclosed herewith as Annexure- 20(20A), 20(B) & 20(C). The details of plantation site, area, plantation model & No. of seedlings per ha is furnished below-</p> <table><tr><th>Sl. No.</th><th>Name of the plantation site</th><th>Area Allotted (in ha)</th><th>Plantation Model</th><th>No. of seedlings accommodate</th></tr><tr><td>1</td><td>Village- Lungajhar (Non-forest Govt. land)</td><td>321.000</td><td>ANR@400</td><td>128400</td></tr><tr><td>2</td><td>Ukhunda RF (Degraded forest land)</td><td>224.675</td><td>ANR@400</td><td>89870</td></tr><tr><td>3</td><td>Raghunathpur RF (Degraded forest land)</td><td>86.280</td><td>ANR@600</td><td>51768</td></tr><tr><td>4</td><td>Barabanka RF (Degraded forest land)</td><td>110.749</td><td>ANR@600</td><td>66449</td></tr><tr><td></td><td>Total</td><td>742.704</td><td></td><td>336487</td></tr></table>	Sl. No.	Name of the plantation site	Area Allotted (in ha)	Plantation Model	No. of seedlings accommodate	1	Village- Lungajhar (Non-forest Govt. land)	321.000	ANR@400	128400	2	Ukhunda RF (Degraded forest land)	224.675	ANR@400	89870	3	Raghunathpur RF (Degraded forest land)	86.280	ANR@600	51768	4	Barabanka RF (Degraded forest land)	110.749	ANR@600	66449		Total	742.704		336487
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ii. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Map showing non-forest Govt. land and degraded forest land identified for compensatory Afforestation is enclosed vide Plate- V, VI, XI, XII, XIII, XIV & XV																														
iii. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.	Compensatory Afforestation Scheme over 321.00 ha of non-forest Govt. land and degraded forest land over 421.704 ha are in 3 nos RFs enclosed as Annexure- 20(20A), 20(B) & 20(C)																														
iv. Total financial outlay for compensatory afforestation scheme	Total financial outlay for compensatory Afforestation scheme is Rs.19,33,64,200/- (Rupees nineteen crore thirty-three lakh sixty-four thousand two hundred) only																														
v. Certificate from competent authority	Enclosed vide Annexure – _____																														

regarding suitability of area identified for compensatory afforestation and from management point of view.(To be signed by the concerned Deputy Conservator of Forests).	
11. Site Inspection report of the D.C.F. (to be enclosed) especially highlighting facts asked in col.7 (xi,xii), 8 and 9 above.	Enclosed vide Annexure – 19
12.Division/District Profile. i) Geographical area of the district.	830300.000 Ha.
ii) Forest area of the district.	336615.6293 Ha.
iii) Total Forest area diverted since 1980 with numbers.	14172.5709 ha (116 Nos.)
iv.Total compensatory afforestation stipulated in the District/Division since 1980 on (a) Forest land including Penal compensatory afforestation. (b) Non-forest land.	C.A. 2107.3543 ha. P.C.A., A.C.A- 7545.6046 ha C.A- 9465.8399 ha.
v. Progress of Compensatory afforestation as on (date) (a) Forest land (b) Non-forest land.	C.A. 1152.58 ha. P.C.A. <u>2996.34 ha.</u> C.A 5983.9016 ha.
13. Specific recommendation of the D.C.F. for acceptance or other wise of the proposal with reasons.	The total forest land involved in the project is 310.110 ha. This includes 105.192 ha Reserved Forest, 104.205 ha Revenue Forest, 99.342 ha Sabik Forest (Non-forest land recorded as Forest as on 25.10.1980) and 1.371 ha DLC Forest. The proposed area is unavoidable and the barest minimum for the purpose of construction of Right Main Canal and distributary etc in Kanpur Canal system.

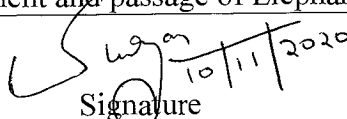
The submitted diversion proposal over 310.110 ha Forest land under Keonjhar forest division is forwarded herewith for consideration as per provision under section 2(ii) of Forest (Conservation) Act, 1980 (Amended) with following recommendation.

- Site Specific Wildlife Conservation Plan with main focus for protection of elephants.
- Proposed construction of the overpass at the project cost for smooth movement of wild animal including elephant at various location.

Locations as mentioned hereunder.

Sl no.	Latitude			Longitude			Remarks
	Dig	Min	Sec	Dig	Min	Sec	
1	22	1	52.8	85	31	40.1	Champua Section of Champua Range
2	22	2	10.9	85	31	54	
3	22	2	10.1	85	32	40.8	
4	22	2	8.8	85	33	22.3	
5	22	1	57	85	34	26.7	
6	22	1	28.7	85	35	25.1	
7	22	1	10.3	85	35	27.6	
8	22	0	57.1	85	35	18	
9	21	59	48.7	85	34	38.1	
10	21	57	52.7	85	33	5.36	Balibandha Section of Champua Range
11	21	56	4.03	85	32	40.47	
12	21	54	40.33	85	32	37.43	
13	21	51	53.23	85	32	36.34	
14	21	51	12.69	85	32	13.29	
15	21	52	19.15	85	36	31.2	
16	21	52	50.7	85	37	58.1	
17	21	52	27.89	85	44	31.41	Ukhunda Section of Champua Range
18	21	53	8.75	85	46	27.83	
19	21	52	50.86	85	46	23.44	
20	21	53	56.45	85	45	25.03	
21	21	55	20.94	85	43	43.76	
22	21	56	51.43	85	42	27.07	
23	21	48	59.742	85	47	01.200	In Vill-Neuliposi (Bhaluhudi) of Patna Range
24	21	49	01.002	85	46	55.820	
25	21	49	10.680	85	46	40.890	In Vill-Budhikapudi (Thakurani Chaturi) of Patna Range
26	21	49	13.730	85	46	34.470	

Therefore, it is proposed to construct the overpass at the Project Cost at the said locations for smooth movement of wild animal including elephant. It is pertinent to mention here that due to frequent change in Elephant movement the User Agency should take up additional intervention, if required, in future at project cost for smooth movement and passage of Elephant.


Signature

Name- Swayam Mallick, IFS
Official Seal.

Date : 10-11-2020
Place. Keonjhar