

**Sub: Proposal for diversion of 148.75 ha of Forest Land in favour of Water Resources Department, Khandwa for construction of Bham (Rajgarh) Medium Lift Irrigation Project, in Khandwa district in State of Madhya Pradesh. -reg.**

The Addl. Principal Chief Conservator of Forests (Land Management) and Nodal Officer, The Forest (Conservation) Act, 1980, Government of Madhya Pradesh vide their letter No. F-3/103/2017/10-11/10/1138 Bhopal dated 23.04.2018 forwarded a fresh proposal to obtain prior approval of the Central Govt. in terms of the section-2 of the Forest (Conservation) Act, 1980 for **diversion of 148.75 ha of Forest Land in favour of Water Resources Department, Khandwa for construction of Bham (Rajgarh) Medium Lift Irrigation Project, in Khandwa district in State of Madhya Pradesh.**

The facts related to the proposal as contained in the State Government's letter dated 23.04.2018 and Site Inspection Report dated 25.07.2018 are given below in the form of fact sheet003A

<b>1.</b>	<b>Name of the Proposal</b>	Proposal for diversion of 148.75 ha of Forest Land in favour of Water Resources Department, Khandwa for construction of Bham (Rajgarh) Medium Lift Irrigation Project, in Khandwa district in State of Madhya Pradesh.
<b>2.</b>	<b>Location:</b>	
	State	Madhya Pradesh.
	District	Khandwa.
	Category	Irrigation.
	Total period for which the forest land is proposed to be diverted (in year).	100
<b>3.</b>	<b>Detail of user agency</b>	
	Name of the user agency	Water Resources Department.
	Nature of user agency	State Government.
<b>4.</b>	<b>Particular of Forests</b>	
	Name of Forest Division	Khandwa (T)
	Area of Forest land for Diversion	148.75 Ha.
	Legal Status of Forest land	Reserved Forest = 101.00 ha Non-forest land =695.49 ha Revenue Forest=47.75 ha
	Density of Vegetation	Area = 148.75 Ha. Density = 0.5 Eco class = 3
<b>5.</b>	<b>Maps</b>	
	<b>i.</b> Differential GPS map of the area proposed for diversion	<b>(Pg. 17-20/c)..</b>
	<b>ii.</b> Differential GPS map of the area identified for raising CA	<b>(Pg. 142/c)..</b>
	<b>iii.</b> Survey of India toposheet on 1:50,000 scale showing the area proposed for diversion	<b>(Pg. 137/c)..</b>
	<b>iv.</b> Survey of India toposheet on 1:50,000 scale showing the area identified for CA	<b>(Pg. 143/c).</b>
	<b>v.</b> Land use plan	<b>Not given.</b>

	vi. Forest Cover map	<b>Not given.</b>
<b>6.</b>	Vegetation	
	i. Species-wise and diameter class wise enumeration of trees.	Details of Species wise and diameter class wise enumeration of trees are available in the file and the same is available at <b>(Pg. 120-123/C)</b> .
	ii. Density	0.5
	iii. Number of trees to be felled	FRL = 5737 FRL-2=4933 FRL-4=3539  Total number of 14.209 trees are felled.
	iv. Working plan prescription for the forest land proposed for diversion.	Selection cum improvement working circle.
<b>7.</b>	Vulnerability of area to soil erosion	No.
<b>8.</b>	Details of wildlife present in and around the forest land proposed for diversion;	Nilgai, Jackal spotted deer.
<b>9.</b>	Approximate distance of proposed site for diversion from boundary of forest.	-0-
<b>10.</b>	Whether the forest land proposed for diversion is located within eco-sensitive zone(ESZ) of the Protected Area notified Wildlife (Protection) Act, 1972 (Note: In case, ESZ of a protected area is not notified, then, 10 KM distance from boundary of the Protected Area should be treated as ESZ):	-No-
<b>11.</b>	Whether forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. (if so, the details of the area the comments of the Chief Wildlife Warden to be annexed)	-No-
<b>12.</b>	Whether any rare/ endangered/ unique species of flora and fauna found in the area if so, details thereof.	-No-
<b>13.</b>	Whether any protected archaeological/ heritage site/ defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	-No-
<b>14.</b>	Whether the requirement of forest land as proposed by the User Agency in col.2 of Part-I is unavoidable and bare minimum for the project. If no, recommended area item-wise with details of alternatives examined.	-Yes-
<b>15.</b>	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 under progress.	-No-
<b>16.</b>	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.	The Compensatory Afforestation proposed is non-forest land i.e. 148.75 ha. of non-forest land for plantation in Khandwa district village Sargaon nipani. The CA scheme with the provisions of the

	<p>ii. Map showing non-forest/ degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.</p>	<p>maintenance for 10 years has been submitted and a copy of the same is available at <b>page 101-111/c</b>.</p> <p><b>(Pg. 69-70/c)</b></p>
	<p>iii. Detailed compensatory Afforestation scheme including species to be planted, implementing Agency, time schedule, cost structure etc.</p>	<p>District – Khandwa Area – 148.75 Village – Surgaon nipani. Compartment No. – 13,20,31,32,33,34,35,50,51,52.</p>
	<p>iv. Total financial outlay for compensatory Afforestation scheme.</p>	<p><b>Rs 4,75,91,438.00</b></p>
	<p>v. 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 Conservatory of Forests.</p>	<p>The Certificate from competent authority regarding suitability of area identified for Compensatory Afforestation copy of the same is available in the and the same is available at <b>(Pg. 96/c)</b>.</p>
17.	<p>Documentary evidence in support of settlement of rights in accordance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 on the forest land proposed to be diverted enclosed.</p>	<p>The District Collector, Khandwa, Government of Madhya Pradesh has issued a FRA certificate vide his letter No. 10080 dated 10.10.2017. certifying the information in respect of all clauses of the MoEF's advisory dated 05.07.2013 i.e. diversion of 148.75 ha. forest land for facilities managed by the Government and safeguarding the rights of Primitive Tribal Group and Pre-Agricultural Communities as required under the Scheduled Tribe and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, discussion on the proposal in meeting of concerned Gram Sabha (s) maintaining the prescribed quorum, etc. The concerned Gram Sabha (s) of Parna Village Jabera Tehsil.</p> <p><b>Documentary evidences in support of complete settlements of rights under the Scheduled Tribe and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 has not submitted by the State Government. The same is required before Stage-II approval (Pg. 36-69/c)</b></p>
18.	<p>Site Inspection Report of the Divisional Forest Officer .</p>	<p>The Site Inspection Report carried out by the Divisional Forest Officer, Khandwa, Madhya Pradesh, copy of the same may kindly be seen at <b>(Pg. 89-90/c)</b>.</p>
19.	<p>Whether the project requires environment clearance.</p>	<p>Yes, EC application yet to be submitted, copy of the same may kindly be seen at <b>(Pg. 9/c)</b>.</p>
20.	<p>Status of Wildlife clearance.</p>	<p>Not applicable.</p>
21.	<p>Catchment Area Treatment Plan</p>	<p><b>The CAT plan is not submitted by the user agency.</b></p>
22.	<p>Total command area of the project</p>	<p>It is reported by the State Government of Madhya Pradesh the Command area of 6100 Ha.</p>

<b>23.</b>	Rehabilitation of Oustee	Yes, 44 families are going to be displaced. However R&R plan is required before Stage-II approval.
	Number of SC Families	
	Number of ST families	
	Number of Backward Families	
	Copies of R&R Plan	
<b>24.</b>	Cost Benefit Analysis	Cost benefit ratio of project is 1.67 Cost benefits Analysis report is placed in the file may kindly be seen at <b>(Pg. 27-30/c)</b> .
<b>25.</b>	Total Cost of the project	<b>Rupees</b> 22811/- Lakhs it is reported by the State Government.
<b>26.</b>	Employment Potential	Regular Employment = 3100 Temporary Employment = 325000
<b>27.</b>	Undertakings to bear the cost of CA and NPV	<b>Not Given.</b>
<b>28.</b>	Profile of the District / Department	
	Geographical Area of the Dist.	759308 Ha.
	Total Forest Area	283723.8 Ha.
	Total area diverted since 1980	Area 38568.803 ha. Number of case - 35
	Total area proposed for afforested since 1980	Degraded forest land ---- ha Penal CA over Forest land 648.369 ha. Non-forest land ---- ha
	Total area afforested since 24.10.2016	Degraded forest land ---- ha Forest land 598.55 ha. Non-forest land 843.446 ha.
<b>29.</b>	<b>Recommendation with Specific conditions, (if any)</b>	
	DFO	Recommended. (at page no. 164/c)
	CF	Recommended. (at page no. 165/c)
	PCCF/ Nodal Officer (FCA)	Recommended. (at page no. 154/c)
	State Govt.	Recommended. (at page no. 155/c)

**SITE INSPECTION REPORT ON PROPOSAL FOR DIVERSION OF 148.75 HA OF FOREST LAND FOR CONSTRUCTION BHAM (RAJGARH) MEDIUM LIFT IRRIGATION SCHEME IN FAVOUR OF WATER RESOURCE DEPARTMENT, KHANDWA DISTRICT, GOVT. OF MADHYA PRADESH.**

**Officers present during site inspection:-**

1. Shri B. Abhay Bhaskar, DCF(C), R.O. Bhopal
2. Field staff of Forest Department & WRD, Govt. of Madhya Pradesh.

**Date of Inspection: 19.07.2018**

1. Legal Status of Forest land proposed for diversion.
  - 1) Reserved Forests - **101.00 ha**
  - 2) Revenue Forests - **47.75 ha**
  - 3) Non-forest land - **695.49 ha**

**Breakup of land - Forest land required for submergence only.**
2. How the land proposed for diversion is to be utilized? : **Storage of water for irrigation project.**
3. Whether the proposal involves any construction of buildings (including residential): **No.**

4. Total cost of Project. : **Rs. 228.11 crore.**

5. Wild Life:

Whether the forest area proposed for diversion is important from wildlife point of view or not : **Proposal is not a part of any protected area.**

6. Aerial distance from the nearest boundary of any protected area : **beyond 10 km of any protected area.**

7. Vegetation :

a. Trees to be felled : **14,209 nos. are marked.**

Girth class	No. of trees at FRL level	No. of trees at FRL -2	No. of trees at FRL -4	Total No. of trees
Below 60	2579	2208	1591	6378
Above 60	3158	2725	1948	7831

**\*There is an ambiguity in no. of trees marked for felling between SIR of DFO and forwarding of APCCF(LM) may be reconciled.**

b. Effect of removal on the general ecosystem in the area: **the irrigation project.**

As per Part-II, Canopy Density is 0.5 and ecoclass-3. The vegetation of area contains *Tectona grandis*, *Azadiracta indica*, *Acacia arabica*, *Terminalia species etc* were observed. The forest is having teak as major species. During site inspection the similar situations were observed.

8. Background note of the proposal:

The project is located on bham river with catchment area of 193,459 sq. km. The project is medium irrigation project with command area of 6100 ha over. The project will bring command area under double and triple cropping patten which will bring the uplifting of peoples.

9. Compensatory Afforestation : **Applicable, non-forest land = 148.75ha.**

<b>A</b>	Whether land proposed / selected for C.A. is suitable for plantation and management point of view?	Yes
<b>B</b>	Whether land for C.A. is free from encroachment of other encumbrances?	Yes
<b>C</b>	Whether land for C.A. is important from religious or archeological point of view?	No
<b>D</b>	Land identified for raising C.A. is in how many patches? Whether patches area compact or not?	One patches (Village : Surgaon nipani, Khandwa, Khasara. No. 13,20,31,32,33, 34,35,50,51,52)
<b>E</b>	Maps with details	Yes
<b>F</b>	C.A. area should be clearly shown on the map, patches wise and their contiguity to the forest area, etc.	Yes
<b>E</b>	Total financial outlay of 10 years CA programme	Rs 4,75,91,438.00

10. Whether proposal involves violation of Forest (Conservation) Act ? : **No , as per Part-II (DCF report).**

11. Whether the proposal involves rehabilitation of displaced people? : **Yes, 44 families are going to be displaced.**

- 12. Reclamation Plan : details and Financial Allocation : Required.**
- 13. Details of the catchment and command area under the project, CAT plan to prevent siltation of reservoir.**
- Catchment area : 193,459 sq. km
  - Command area : 6100 ha
  - CAT plan : Not Submitted.
- 14. Cost benefit ratio : 1:1.67**
- 15. UTILITY of project: for water storage and irrigation in command area.**
- 16. Number of Scheduled Case and Scheduled Tribe involved in the Project: Nil.**
- 17. Compliance of FRA 2006-DC Certificate: Submitted.**
- 18. Whether the land being diverted has any socio-cultural / religious value : No.**
- 19. Whether any sacred groves or very old growth of tree of forest exist in the area proposed for diversion? : No**
- 20. Recommendation of Nodal officer and the State government:**
- The Nodal officer – recommended.
  - The State Government –recommended.
- 21. Details of comments of the APCCF (LM), MP on alternate routes/alignments for locating the projects. : Recommended by APCCF (LM), MP.**

**22. Observations:**

The site inspection was carried out on 19.07.2018 at RF 760 and RF 764. The proposal will bring 6100 ha area under irrigation.

- The rights of the peoples allotted under FRA, 2006 shall be settled by following due procedure prescribed under The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013, whichever applicable.
- The R&R plan for 44 families as pointed out by Forest Department needs to be submitted.
- The CAT plan needs to be submitted.
- There is an ambiguity in no. of trees marked for felling between SIR of DFO and forwarding of APCCF(LM) may be reconciled.

**23. Recommendations of APCCF(C), R.O., Bhopal :**

In view of the details mentioned in the site inspection report of Dy. Conservator of Forest (C), undersigned recommends the proposal for the for diversion of 148.75 ha of Forest Land for Construction Bham (Rajgarh) Medium Lift Irrigation Scheme in favour of Water Resource Department, Khandwa District, Govt. of Madhya Pradesh under Forest (Conservation) Act, 1980 with above specific condition.

In view of the above facts related to the proposal, it is proposed that proposal may be submitted to the forthcoming Forest Advisory Committee (FAC), in its meeting scheduled to be held on 30.08.2018.

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