

APPENDIX

(See Rules)
FORM-A

Form for seeking prior approval under section 2 of the proposals by the State Government and other authorities.

PART-1

(To be filled up by user agency)

1. Project details:-

- (i) Short narrative of the proposal and project/scheme for which the forest is Land required.-**Construction of new Broad Gauge Railway line from Bairabi to Sairang(Mizoram) 51.300 Km (Approx).**
 - (ii) Map showing the required forest land, boundary of adjoining forest on a scale of 1:50,000 map - **Enclosed.**
 - (iii) Cost of the project - **2384.34Crore (Approx)**
 - (iv) Justification for locating the project in forest area.-
 - a) The entire project section Bairabi-Sairang traverses through Mizoram for a length of 51.300 Km.
 - b) The proposed alignment taking off from Bairabi station, it runs southward close to River Dhaleswari and during RET survey the alignment proposed almost parallel and close to river Dhaleswari (Option -I in Index map).
 - c) On 21.4.09 letter received from Chief Engineer(Civil), Power and electricity Department(Letter enclosed) regarding submergence area of Bairabi Dam project over river Dhaleswri. To avoid submergence area the alignment shifted to hill side (Option -II) in the index map.
 - d) The option -II is found shortest feasible alignment route from Bairabi to Sairang(Near to Aizawl).
 - (v) Cost – benefit analysis (to be enclosed)-**The cost benefit of the project has been worked out and found (+) 16.99%. However, keeping in view the impacts it may give to the overall development of the area and reliable through transportation facility to the capital of Mizoram State, the project is beneficial to the nation.**
 - (vi) Employment likely to be generated.-**Local labour/supervisors will be employed by working contractors during execution. Employment will continue to be generated before completion of the project due to enhance communication.**
- 2. Purpose wise breakup of the total land required.-427.279 Hect.(Approx.) of land required, on either side of the proposed alignment for the entire length of different land width, to construct Railway line including bridges, tunnels and station yard(Statement enclosed Annexure-III).**

- (3)
3. Details of displacement of people due to the project, if any;
 - (i) Number of families.-**The alignment is proposed through the area with Minimum inhabitants.**
 - (ii) Number of schedule Cast/ schedule tribe families.-**(This may be certified by Revenue and forest department)**
 - (iii) Rehabilitation plan (to be enclosed)-(Rehabilitations plan to be submitted by Revenue department and will be compensated as per LA Act 1894.)

 4. Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)- clearance under Environment (Protection) Act, 1986 not required as per Railway Board's directive.**(Railway Board's letter enclosed).**

 5. Undertaking to bear the cost of rising and maintenance of compensatory afforestation and / or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (Undertaking given by State Govt. is enclosed).

 6. Details of Certificates/Documents enclosed as required under the instructions
 - i) Digitized index map(1 in 50000 scale)
 - ii) Coordinates of boundary points of forest area to convert for non forest purpose.
 - iii) Purpose wise area of land
 - iv) Statement of cost benefit analysis
 - v) *Under taking*

Signature,

RKD
12/12/11
(RAJU KUMAR DAS)

(Name in block letters)

DyChiefEngineer/CON/III/SCL

N.F. Railway(Construction Organistaion)

Designation

Address (of User Agency)

Date: _____

Place: Silchar, Assam

State serial No. of proposal 39

Enclosure - VII
(12)

(To be filled up by Nodal officer with date of receipt)

PART-II

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

State serial No. of proposal _____

7. Location of the project/Scheme:

- i. State/Union Territory
: **Mizoram State**
- ii. District
: **Aizawl District**
- iii. Forest Division
: **Aizawl Forest Division**
- iv. Area of Forest land proposed for diversion (in ha.)
: **35.547ha.**
- v. Legal Status
: **Area located inside Notified Roadside reserve Aizawl-Silchar via Sairang and Tlawng Reverine RF**
- vi. Density of vegetation
: **Below 0.4**
- 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 meter & FRL-4 meter also to be enclosed)

: **Enclosed in separate Sheets**
- viii. Brief note on vulnerability of the forest area to erosion.

: **Entire Topography is gentle slope and there has not been highly vulnerable area/areas where soil erosion problem may occur in the near future due to the fact that the area is covered mainly by M.baccifera and other grass species including climbers like Mikenia species, etc.**
- ix. Approximate distance of proposed site for diversion from boundary of forest.

: **Suitable certificate proposed by the DFO, Darlawn Forest Division is enclosed.**
- x. Whether forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant corridor etc. (if so the details of the area and comments of the chief Wildlife Warden to be annexed).

: **Proposed Railway line is not crossing over any part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant corridor and not in any of the protected area.**

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xi. Whether any rare/endangered/unique species of flora and fauna found in the area- if so details thereof.

: **None of the rare endangered species of flora and fauna are found in the proposed Railway line.**

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.

: **None of the above said structure are present in the proposed Railway line.**

8. Whether the requirement of forest land 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. The requirement is found unavoidable and barest minimum for the Project is proposed.**

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. User agency is not doing any violation of the Forest conservation Act**

10. Details of compensatory afforestation scheme :

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.
: **Copy of Notification, boundary description etc. issued by Revenue Department enclosed (Annexure-II)**

b. Map showing non forest / degraded forest area identified for compensatory afforestation and adjoining forest boundaries.
: **Map (1:50,000) enclosed.**

c. Details compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.

: a) Species to be planted :
Miscellaneous species of locally important species like : *Michecia champaca, Cedrela toona, Terminalia bellerica, Bischofia javanica, Ligustrum robustum, Gomari, Terminalia myriacarpa, Artocarpus chaplasha, Albizzia procera, et.*

b) Implementing agency : **Environment & Forest Department, Darlawn Forest Division.**

c) Work scheduled : **Enclosed.**

d) Cost Structure :

287 (357)
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Approved Labour Rate : Rs. 170/man day

Sl. No.	Item of works	Mandays Required In Nos.	Labour Component In Rs.	Material Component In Rs.	Total cost /Ha. In Rs.
1	2	3	4	5	6
1	Advance work :				
	Raising of Nursery (1100 Nos./Ha)				
	Nursery of Polypot :-				
	a) Clearing the site preparation of germination bed, filling of polybags, manuring, shade erection.	15	2,550	-	2,550.00
	b) Cost of seeds and polybags	-	-	510	510.00
c) Weeding, watering etc.	4	680	-	680.00	
	Sub-total	19	3230	510	3740.00
	Nursery for naked seedlings :				
	a) Cost of seeds	-	-	340	340.00
	b) Preparation of bed including of all subsidiary works	5	850	-	850.00
	c) Treatment and sowing of seeds	3	510	-	510.00
	d) Weedings	4	680	-	680.00
	Sub-total	12	2040	340	2,380.00
	Area preparation for plantation :				
	a) Survey & Demarcation including mapping	3	510	-	510.00
	b) Area clearance by cutting grasses, shrubs, bushes etc.	25	4250	-	4,250.00
	c) Fire line cutting and burning	8	1360	-	1,360.00
	Sub-total	36	4752	-	2,380.00
	Total of Advance work				12,240.00
2	Creation of plantation				
	a) Alignment, staking, digging of pits, preparation of planting materials	25	4250	-	4,250.00
	b) Weeding 4 times including vacancy filling & watch & ward (20+18+18+11)	67	11390	-	11,390.00
	c) Fire protection measures like fireline cutting engagement of fire watchers	3	510	-	510.00
	Total Creation of plantation	95	16,150.00	-	16,150.00
3	Maintenance of 1st Year				
	a) Weeding 3 times including vacancy filling (10+9+5)	24	4080	-	4,080.00
	b) Fire protection measures	3	510	-	510.00
	Total	27	4590	-	4,590.00
4	Maintenance of 2nd Year				
	a) Weeding 2 times (10+5)	15	2550	-	2,550.00
	b) Fire protection measures	3	510	-	510.00
	Total	18	3060	-	3,060.00
5	Maintenance of 3rd Year				
	a) Two weeding (8+5)	8	2210	-	2,210.00
	b) Fire protection measures	5	510	-	510.00
	Total	18	2720	-	2,720.00
	Total plantation cost of 1 ha.	223	16,150	850	38,760.00
	Total plantation cost of 74.54 ha				28,89,170.00

6.	Soil & Moisture Conservation (15% of the plantation cost)				4,33,375.00
7	Monitoring & Evaluation (2% of Plantation cost)				57,783.00
8	Overheads @ 10% of plantation cost				2,88,917.00
9	Fencing (5% of plantation cost)				1,44,458.00
Grand Total					38,13,703.00

d. Total financial outlay for compensatory afforestation scheme.

: **Rs. 38,13,703.00 (Rupees thirty eight lakh thirteen thousand seven hundred and three) only**

e. Certificates from competent authority regarding suitable of area identified for compensatory afforestation and from management point of view. (To be signed by the Deputy Conservator of Forests).

: **Suitable certificate is enclosed.**

11. Site inspection report of the DCF (To be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.

: **Enclosed**

12. Division/District profile:

(i) Geographical area of the district.

: **1730.79 Sq.km.**

(ii) Forest area of the district.

: **409.33 Sq.km.**

(iii) Total forest area diverted since 1980 with number of cases.

: **The total forest area diverted since 1980 under Aizawl Forest Division is given as under :**

1) Land lying between Patuikhuahlui and Bengbawng Lui in the North West of Durtlang village . - 19.2Ha.

2) Extraction of shell limestone at Tuirial Bridge - 0.22 Ha.

3) Laying of transmission line between Hnumulh lui And Tuikhurhlului, Lungdai ram. - 54.24Ha.

4) Construction of LPG Bottling Plant adjoining to NH-54 Aizawl – Sairang road. - 2.66Ha.

5) Widening of NH-54 Aizawl – Sairang road - 4.63Ha.

Total - 80.95Ha.

(iv) Total compensatory afforestation stipulated in the district/division since 1980 on

(a) Forestland including penal compensatory afforestation.

: **Does not arise.**

(b) Non-forest land.

: **Does not arise**

(v) Progress of compensatory afforestation as on (date) on

(a) Forest land - Nil

(b) Non-forest land. - Nil

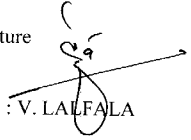
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(The above profile may kindly be furnished from Division Officer)

13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.
- : **The proposal is recommended for acceptance by competent authority as the area proposed for diversion for the purpose of construction of Railway line from Bairabi to Sairang is exclusively for the benefit and welfare of the people of Mizoram in particular and entire NE States as a whole.**

Dated: 9.11.2012

Place: Aizawl

Signature 

Name : V. LALFALA

Divisional Forest Officer
Official Seal Aizawl Forest Division
Aizawl, Mizoram

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PART - III

(to be filled by the concerned Conservator of Forests)

14. Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note to enclosed.

The area was visited on 9. 11. 12 and the vegetation is mainly of Bamboos & shrubs (as enclosed)

15. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.

Agree

16. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Recommended for approval.

Signature : *Murray 21. 11. 12*
Name : (LAI.THIANGLIANA MURRAY)
Official :
Seal : Conservator Of Forest
Central Circle,
Aizawl, Mizoram

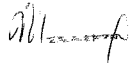
Date : 21.11.2012

Place : AIZAWL

(LS2)

INSPECTION NOTE

The area was visited on 9.11.12 which is located inside Aizawl to Silchar Roadside Reserve as well as Tlawng Riverine Reserved duly notified by the Govt. The topography is such that soil erosion may not be a problem since the vegetation consists of Bamboos and other grasses which are fast growing. The proposed lines do not form any wildlife reserve, archeological/heritage site and barest minimum area is proposed for the project which is found unavoidable. As such the proposal is recommended for approval.



(LALTHANGLIANA MURRAY)
Conservator of Forests
Central Circle
Aizawl, Mizoram

PART-IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department)

14. Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks:

In line with comments of Divisional Forest Officer and the Conservator of Forests, the proposal is recommended for acceptance.

(While giving opinion, the adverse comments made by concerned Conservator of Forest or Deputy Conservator of Forest should be categorically reviewed and critically commented upon)

Date 20/4/2012

Place AIZAWL


(ROSIAMA VANCHHONG)

Addl. Principal Chief Conservator of Forests
& Nodal Officer (FCA)

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PART – V

(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

18. Recommendation of the State Government :
(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

Proposal is strongly recommended.

Signature
Name

Official Seal

Esparanyal

**Principal Secretary
to the Govt. of Mizoram
Environment & Forest Deptt.**

Date : 25.04.2012

Place : AIZAWL

INSTRUCTIONS (for Part-I) :-

1. The project authorities may annex a copy of the approved project/plan in addition to filling Col.1(i) e.g. IBM approved mining plan for major minerals/CMPDI plan with subsidence analysis reports, etc.
2. Map has to be in original duly authenticated jointly by project authorities and concerned DCF-Col.1 (ii).
3. Complete details of alternative alignments examined especially in case of project like roads, transmission lines, railway lines, canals, etc. to be shown on map with details of area of forest land involved in each alternative to be given -Col.1 (iii)
4. For proposals relating to mining, certificate from competent authority like District Mining Officer about non-availability of the same mineral in surrounding/nearly non-forest areas.
5. In case the same company/individual has taken forest land for similar project in the State, a brief detail of all such approvals/leases be given as an enclosure along with current status of the projects.
6. The latest clarifications issued by the Ministry under Forest (Conservation) Act, 1980 may be kept in mind. In case such information do not fit in the given columns, the same shall be annexed separately.

GENERAL INSTRUCTIONS :-

1. On receipt of proposal, Nodal Officer shall issue a receipt to the user agency indicating therein the name of the proposal, user agency, area in hectare, serial number and date of receipt.

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2. If the space provided above is not sufficient to specify any information, please attaché separate details/documents.
3. While forwarding the proposal to the Central Government, complete details on all aspects of the case as per Form prescribed above read with the clarifications issued by the Ministry of Environment and Forests, Government of India, New Delhi should be given. Incomplete or deficient proposals shall not be considered and shall be returned to the State Government in original.
4. The State Government shall submit the proposal to the Central Government within stipulated time limits. In case of delay while forwarding, the reasons for the same to be given in the forwarding/covering letter.