

# FORM-'A'

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

## PART-I

(To be filled up by user agency)

### 1. Project details:

i) Short narrative of the proposal and project/scheme for which the forest land is required

Tenughat Vidyut Nigam Ltd. (TVNL), a public utility service company wholly owned by the Govt. Of Jharkhand, requested Govt. Of India, Ministry Of Coal and Mines for allotment of a suitable Coal Block for captive mining for captive use for its power plant.

Accordingly, Badam Block of North Karanpura Coalfields in Hazaribagh district of Jharkhand State, was allotted to TVNL in pursuant to letter no. 47011/1(28)/ 2001-CPAM/CA dated 03.11.2003 of the Govt. Of India, Ministry Of Coal & Mines, Department of Coal.

Tenughat Vidyut Nigam Ltd. (TVNL) formed a joint venture company (Tenughat Emta Coal Mines Ltd.) with Eastern Minerals and Trading Agency (EMTA) for captive mining of Badam Block.

Govt. Of India, Ministry of Coal & Mines, Department of Coal vide notification in the Gazette of India, Extraordinary, Part-II-Section 3 - Sub-Section(ii), No. 633 dated 16<sup>th</sup> July, 2004 has specified as an end use the supply of coal from the coal mines of Badam block by Tenughat Emta Coal Mines Limited on an exclusive basis to the TVNL.

Accordingly, Tenughat EMTA Coal Mines Limited applied for 30 years mining lease to the Deputy Commissioner, Hazaribagh through District Mining Officer. Copy of receipt of application for grant of mining lease by District Mining Officer, Hazaribagh is enclosed.

The Badam block is covered by Survey of India toposheet no. 73<sup>E</sup>/<sub>5</sub> on R.F. 1:50,000 (1982), Location plan enclosed. The Badam block is located in the north eastern part of the North Karanpura Coalfield and falls within the administrative jurisdiction of Hazaribagh district. The total mineable coal reserve is estimated as 90.50 MT with an average stripping ratio of 1.84 cum/t.

The Badam block is surrounded by Moitra block towards north, Gondalpura block towards northeast and east, Babupara block towards south and exposed Barren Measures formation rocks towards west.

The villages surrounding the block are Badam, Rudi, Gondalpura(part) and Ambajit. Other main villages around the Block are Barkagoan, Napo, Jorakhat, Mahudi.

For the proposed Badam opencast mine, the total requirement of land is estimated as 491 Ha. Out of which 335.72 Ha of land within the block and 155.28 Ha of land outside the block for construction of colony & rehabilitation site, for construction of road & road diversion and for additional space for dumping of overburden. Class of different land use pattern is given in the table below.

Divisional Officer  
Division



Sl. No.	CLASS OF LAND	TOTAL LAND REQUIRED (HA)
1.	Forest Land (a) Notified & Demarcated (b) Notified & Un-demarcated (b) GMK Jungle Jhari	79.14 51.57 21.28 = 151.99
2.	Agriculture & Homestead	126.82
3.	Govt Land including Road, Nalla, Pond etc.   G.M. Khas G.M. Aam	52.49 4.42 = 56.91
4.	Others ( including colony, rehabilitation site, road & road diversion & open space for OB dumping	155.28
<b>Total</b>		<b>491.00</b>

- ii) Map showing the required forestland, boundary of adjoining forest on 1:50,000-scale map.
- iii) Cost of the project:
- iv) Justification for locating the project in forest area.

Map Enclosed. For more clarity a Cadastral plan on a scale of 1:3960 (16 inch= 1 mile) in addition to a map on 1:50,000 scale is being submitted.

Rs. 26478.57 Lakhs.

Badam Block contains rich deposit of power grade coal. The total mineable reserve of coal is estimated as 90.50 MT, which covers both Forest and Non-Forest areas.

Tenughat Vidyut Nigam Ltd. (TVNL), a public utility service company wholly owned by the Govt. Of Jharkhand, requested Govt. Of India, Ministry Of Coal and Mines for allotment of a suitable Coal Block for captive mining for captive use for its power plant.

The block is geologically disturbed and offers Opencast potential for coal mining. Underground mining is not possible due to the area being geologically disturbed and presence multiple seams.

While formulating the Mining Plan for Badam Block extreme care has been taken to avoid disturbances to the Forest land to the maximum possible extent. Out of 491 Ha total land required, the total Notified Demarcated Forest Land is 79.14 Ha , Notiofied Un-demarcated Forest Land 51.57 Ha and GMK Jungle Jhari is 21.28 Ha only.

Since mining is a site-specific project and proximity of TVNL is nearer to Badam block, Govt. of India allotted the Badam Block to TVNL for captive mining for captive use for its power plant.

- v) Cost - benefit analysis (to be enclosed).
- vi) Employment likely to be generated.

Enclosed

The project being highly mechanized need for trained HEMM operators and mechanics. However it is felt that small number of locals can be deployed as Mazdoors/helper. The total number inclusive of trained person may be around 150. Arrangement of vocational training is proposed such that locals can seek better life elsewhere. Indirect employment scope will be there

Divisional Forest Officer  
Hazaribagh West Division



2. Purpose wise break up of the total land required

with various contractual works.

- a) Total land required (491.00 Ha):
  - i) For mining - 232.23 Ha
  - ii) For depositing OB - 113.00 Ha
  - iii) For construction of office, garages, workshop etc - 12.00 Ha
  - iv) For construction of road and road diversion. - 10.42 Ha
  - v) Colony and Rehabilitation Site - 40.00 Ha
  - vi) For Safety zone, River Diversion and Others - 83.35 Ha

Total - 491.0 Ha

b) Present land use of the 232.23 Ha. For open cast project: -

- i) Raiyatee land including homestead - 56.74 Ha
- ii) Forest land
  - (a) Notified & demarcated Forest - 64.58 Ha
  - (b) Notified & undemarcated Forest - 46.60 Ha
  - (b) GMK Jungle Jhari - 21.28 Ha
- iii) Govt. Land and others - 43.03 Ha

Total - 232.23 Ha

c) Total forest land required to be transferred for open cast project: -

- i) For mining - 132.46 Ha
- ii) For safety zone - 1.50 Ha
- iii) For infrastructure & others - 18.03 Ha

Total: - 151.99 Ha

(Which includes Notified Demarcated Forest Area 79.14 Ha, Notified Un-demarcated Forest Area 51.57 Ha & JMK Jungle Jhari Arca 21.28 Ha)

3. Details of displacement of people due to the project, if any

- i) Number of families 150 families, 700 persons
- ii) Number of Scheduled Caste/ Scheduled Tribe families
  - Schedule Caste 34 families (134 persons)
  - Schedule Tribe 2 families (6 persons)

(Refer page no.7 of socio economic survey and impact assessment as enclosed)
- iii) Rehabilitation (to be enclosed)
  - Those residents whose homesteads are to be acquired for mining purposes will be given option as under: -
    - a) A pucca built house in the proposed model village with basic facilities like School, road, street light, play ground, pasture land, community hall, water sources, health care services, business units, place of festival, worship etc. irrespective of caste and creed as enclosed.

or  
Divisional Forest Officer  
Hazratib West Division



b) 10 decimal vacant land for their own construction. The cost of construction and other benefits will be as per provision as enclosed.

or

c) Cash compensation as laid down by the package as enclosed.

4. Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)

Since it is a coal project and coal will be exploited by open cast method, clearance under Environment (Protection) Act, 1986 is required.

5. Undertaking to bear the cost of raising 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 to be enclosed).

We undertake to bear the cost of raising and maintenance of compensatory afforestation as well as cost of protection and regeneration of safety zone as per the scheme prepared by the State Government (A separate declaration by the Director, Tenughat EMTA Coal Mines Limited is enclosed).

6. Details of Certificates/documents enclosed as required under the instructions.

1. Allocation letter for Badam Block.
2. Gazette Notification.
3. Land schedule of notified forest land & G.M Khas Jungle Jhari.
4. Cost benefit analysis.
5. Declaration to bear the cost of compensatory afforestation.
6. Reclamation plan along with physical and financial target.
7. Receipt of application for grant of mining lease by District Mining Officer, Hazaribagh.
8. Rehabilitation and Resettlement Package/ Socio economic survey & Impact Assessment.
9. Approved Mining Plan for Badam Opencast Project.
10. EIA/EMP for Badam Block.
11. Location map of Badam Block (scale 1:50,000).
12. Cadastral plan showing - I. Mining lease area, II. Required forestland, III. 7.5 m wide safety zone.

Divisional Officer  
Hazaribagh West Division



Signature

FOR TENUGHATEMTA COAL MINES LTD.

DIRECTOR DIRECTOR  
TENUGHAT EMTA COAL MINES LTD.

PART - III - A



(To be filled by the concerned Regional Chief Conservator of Forests)

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

No

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

Yes

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

I agree with the recommendations of the DFO Haz (W) / C.F. Haz Circle. The project being of national importance needful may be done for its acceptance.

Signature

Name B.R. Rattan

Official seal Regional Chief Conservator of Forests

HAZARIBAGH

Date: 11/4/08

Place: Hazaribag

**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 & observation made in form of inspection note to be enclosed.

**Yes, I have inspected the site on 03.04.2008 with the concerned Forest Officer and the representative officers of the user agency.**

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

**Yes, I agree with the information given in part II and the recommendations of the Deputy Conservator of Forests.**

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

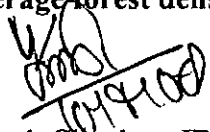
**Present proposal has been submitted by the Tenughat EMTA Coal Mines Limited for diversion of 151.99 Ha. notified and Jangal Jhari recorded forest land, for coal mines under Hazaribagh West Division.**

**The User Agency has not made available equivalent non-forest land for compensatory afforestation. Only 51.58 Ha. non forest land has been denitrified by the user agency. The user agency has given undertaking that equivalent non forest land for compensatory afforestation will be made available within one month after stage - I approval by the Govt. of India.**

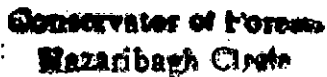
**Proposal has been recommended by the Divisional Forest Officer, Hazaribagh West Division.**

**On the basis of the undertaking given by the user agency, proposal is recommended for approval under the Forest Conservation Act 1980.**

**The average forest density is 0.5**

Signature : 

Name : Y.K.Singh Chouhan, IFS

Official seal : 

Date : 10.04.08

Place : Hazaribag

PART - II

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

State serial No. of proposal .....

7. Location of the Project / Scheme. Badam Coal Mining Project of M/S Tenughat Vidyut Nigam Ltd. & Tenughat Emta Coal Mines Ltd. (Joint Venture) Hazaribag districts of Jharkhand.
- (i) State/ Union Territory. Jharkhand.  
(ii) District Hazaribagh.  
(iii) Forest Division Hazaribagh West Division  
(iv) Area of forest land proposed for Diversion (in ha.) 152.00 Ha.  
(v) Legal status of forest  
1) Notified & Demarcated forest land- 79.14 Ha.  
2) Notified & Un-Demarcated forest land- 51.57 Ha.  
3) G.M.K under jungle jhari forest land- 21.28 Ha.
- Grand Total..... = 152.00 Hc.
- (vi) Density of vegetation. 0.5
- (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.) As per Annexure - I
- (viii) Brief note on vulnerability of the forest area to erosion, Area is vulnerable to sheet erosion.
- (ix) Approximate distance of proposed site for diversion from boundary of forest. Inside the forest boundary.
- (x) Whether forms part of National Park, wild- life Sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. so, the details of the area and comments of the Chief Wildlife warden to be annexed). No
- (xi) Whether any rare / endangered/unique species of flora and fauna found in the area – if so details thereof. The flora and fauna found in the area is of common in nature and there is no rare/ endangered/unique species
- (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. No
8. Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest the project. If no, recommended area item-wise with details of alternatives examined. yes

ep

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 action taken on erring officials. Whether work in violation is still in progress.

No work has been carried out in violation of the Act.

10. Details of compensator afforsation scheme:

(i) Details of non-forest area/degraded forest area identified for compe-nsatory afforestation, its distance from forest, number of Patches, size of each patch.

Attached. Only 51.58 ha. of non-forest area is identified and made available for compensatory afforestation, the rest of the area would be made available after stage I clearance. Undertaking in this regard was given by user agency to the department.

(ii) Map showing non-forest/degraded Forest area identified for compe-nsatory afforestation and adjoining forest boundaries.

Attached. Final map of non-forest land for compensatory would be made available after stage I clearance

(iii) Detailed compensatory afforestation Scheme including species to be Planted, implementing agency, time cost structure, etc.

Attached. Forest Department is implementing agency.

(iv) Total financial outlay for compensatory afforestation scheme.

Scheme attached for afforestation scheme Rs. 80,31,787.00 (Eighty lacs thirty one thousand seven hundred & eighty seven) Only.

(v) Certificates from the competent authority Regarding suitability of area identified for Compensatory afforestation and Management point of view. (To be Signed by the concerned deputy conservator Of Forests).

Suitability of area for compensatory afforestation assessed only for 51.58 ha. Certificate for this 51.58 ha. is attached. Rest of the area is under process of verification and procurement.

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

Attached- Annexure-

12. Division/ District profile:

Attached - Annexure-

- i. Geographical area of the district.
- ii. Forest area of the district.
- iii. Total forest area diverted since 1980 with number of cases.
- iv. Total compensatory afforestation stipulated in the district/division since 1980 on
  - (a) forest land including penal compensatory afforestation,
  - (b) Non-forest land.
- v. Progress of compensatory afforestation as on (date).....on
  - (a) Forest land.
  - (b) Non-forest land.

13. Specific recommendation of the DCF for Acceptance or otherwise of the proposal With reasons.

May be diverted

  
Divisional Forest Officer  
Hazaribag West Division

Date: -..... Place: - Hazaribag



PART - IV

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

- 17. **Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks.**  
*(While giving opinion, the adverse comments made by concerned Conservator of Forest or Deputy Conservator of Forests should be categorically reviewed and critically commented upon) -*

**Recommended**

Date :- 10.6.08  
Place :- Ranchi

Signature *Sahay*  
*Chittaranjan Sahay*  
 Name & Designation

**Principal Chief Conservator of Forests  
Jharkhand, Ranchi**

(Official Seal)

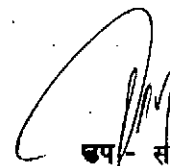
PART - V

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(To be filled in by the Secretary in charge of Forest Department or by any other authorised 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)

  
उप-सचिव  
वन एवं पर्यावरण  
झारखण्ड, रांची

Recommended with the Conditions  
as stated in the forwarding letter

N 3880 ... Dated 07-11-2008

(Official Seal)