

CHECK LIST SERIAL NUMBER: - 08
STATEMENT SHOWING DETAILS OF NON-FOREST AREA
INVOLVED IN THE DIVERSION PROPOSED

Sl No	Division	District	Range/Block/village limit	Survey/Compartment Number/ KM. Stone	Non Forest Area involved in the diversion proposal (ha)	Legal status of Non-Forest area Pre 1980 and after	Remarks
1	2	3	4	5	6	7	8
1	Dhenkanal	Dhenkanal	Kamakhyanagar(East)/Kankadahad/Rodanga	Village - Rodanga-38.441 ha	38.441 ha	Non-forest	Detailed land schedule annexed in the DRP as annexure-XXII & XXIIA.

date-----

Place-----

Divisional Forest Officer
Keonjhar Forest Division

Office seal_____

CHECK LIST SERIAL NUMBER: - 11

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposed diversion proposal over 38.441 ha Non-Forest Land recorded as Forest as on 25.10.1980 is unavoidable and barest minimum and is a statutory requirement.

Date-----

Place-----

Countersigned by:-

Divisional Forest Officer
Keonjhar Forest Division
Office seal _____

(Signature of User Agency)

Office seal
FOR AND ON BEHALF OF
TATA STEEL LIMITED
BY THEIR CONSTITUTED ATTORNEY

M C Thomas
M. C. THOMAS

CHECK LIST SERIAL NUMBER: - 17
UNDERTAKING FOR PAYMENT OF COST OF
COMPENSTATORY AFFORESTATION

I/we Sri M.C. Thomas, Constituted Attorney of M/s TATA Steel Ltd, hereby, undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for mining and allied purpose as per prevailing wage rate on receipt of Stage I approval.

Date-----

Place-----

Countersigned by:-
Divisional Forest Officer
Keonjhar Forest Division
Office seal _____

(Signature of User Agency)

FOR AND ON BEHALF OF
Office seal
TATA STEEL LIMITED
BY THEIR CONSTITUTED ATTORNEY

M C Thomas
M. C. THOMAS

CHECK LIST SERIAL NUMBER: - 18

**UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE
FOREST AREA**

It is to certify that I/we Sri M.C. Thomas, Constituted Attorney of M/s TATA Steel Ltd, have applied for diversion of 38.441 ha of forest area for the purpose of Mining. We have already paid NPV of entire forest area involved in mining lease area. Further I /We, hereby undertake to pay the revised net present value (NPV) if any of the entire forest land involved in the mining lease.

Date-----

Place-----

(Signature of User Agency)

Office seal
FOR AND ON BEHALF OF
TATA STEEL LIMITED
BY THEIR CONSTITUTED ATTORNEY

M C Thomas
M. C. THOMAS

Countersigned by:-
Divisional Forest Officer
Keonjhar Forest Division
Office seal _____

CHECK LIST SERIAL NUMBER: - 20
SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF
(for the forest land to be diverted under FCA)

A proposal has been received by this office from M/s TATA Steel Ltd. for Khondbond Iron & Manganese Mines for diversion (under FCA-1980) of 160.838 ha of forest land for non-forestry purpose. The project envisages the use of forest land for mining purpose. The site inspection of the land involved in the proposal has been done by me on date 22.04.2017 and 26.04.2017.

On inspection of the site, it is found that the land required by the user agency over 38.441 ha. of non-forest land recorded as forest as on 25.10.1980.

The requirement of forest land as proposed by the user agency in Col. 2 of part-I is unavoidable and is barest minimum required for the project.

Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof. No rare or endangered species available in the applied diversion area, but elephant movement is often noticed in fringe area. There is no archaeologically important monument situated in the area.

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 protected archeological / heritage site/ defense establishment or any other important monument is located in the area.

**

(a) The user agency has not violated the provisions of Forests (Conservation) Act, 1980 and no work has been started without proper sanction - ☒

(b) It has been found that the user agency has violated the Forest (Conservation) Act, 1980 provisions. A detailed report as per para 1.9 of Chapter I, Part C of handbook of Forest (Conservation) Act, 1980 is attached. Specific recommendation for acceptance or otherwise of the proposal - ☒ (Certificate as regards the violation of Forest (Conservation) Act, 1980 is attached vide **Annexure No. -**

Place _____

Date _____

(Signature)

Name Rohit Kumar Lenka

Designation: Divisional Forest

Officer Office Seal _____

N.B * state the purpose for which the forest land is proposed to be diverted.

** out of (a) and (b) tick (☒) the option which is applicable and cross (x) the option which is not applicable.

As per letter number 2-2/2000-FC dated 16.10.2000 from Ministry of Environment & Forests, Government of India for proposal involving less than 40 ha of forest land, the site inspection report from DCF is required and for proposal involving more than 40 ha of forest land site inspection report of Conservator of Forests is required.

CHECK LIST SERIAL NUMBER: - 21
LOCATION MAP

Location Map of Non-Forest land identified for Compensatory Afforestation in lieu of proposal for diversion of 38.441 ha of forest land in village Rodanga under Kankadahad Tahasil of Dhenkanal District is enclosed vide **Plate No. VIII.**

Divisional Forest Officer
Keonjhar Division
Office seal _____

CHECK LIST SERIAL NUMBER: - 22
“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation to be carried out in lieu of 38.441 ha of forest area to be diverted for non-forestry purpose in Dhenkanal District.

1. Detail of degraded forest land /non-forest land:-

District- Dhenkanal Village- Rodanga
Tehsil- Kankadahad
Name of Division Dhenkanal Forest Division
Range- K.Nagar East Range,
Block/Compartment/Survey No.- Khata No. 268, Plot No. 1 & 2.
Area to be afforested – 38.441 ha.

2. Description of Area

- i. Whether the site selected for Compensatory Afforestation is a land bank or not- Land Bank
- ii. If the CA site is other than the land bank, reasons be given- Not applicable
- iii. In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary- about 0.00 Km.
- iv. Soil type- Clay mixed sandy-loam.
- v. Topography
 - a. Hilly/Undulating /Plain- Undulating
 - b. Slope- Steep/Medium/Gentle- Medium
- vi. Whether the area is bearing any root stock of vegetation- Yes

3. Plantation Model

AR Plantation model over 38.441 ha. @ 1600 nos of seedlings per ha

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup is enclosed as **Annexure – XXII & XXIIA.**

4. Schedule of Plantation Programme

Detail of year wise break-up of requirements of funds is as under:-

1	2	3	4	
Year	Man Days	Labour Cost (Rs)	Material Cost (Rs)	Total
0 th Year	344	68800	9712	78512
1 st Year	253.5	50700	17373	68073
2 nd Year	114	22800	6036	28836
3 rd Year	73	14600	500	15100
4 th Year	66	13200	500	13700
5 th Year	66	13200	500	13700
6 th Year	66	13200	500	13700
7 th Year	66	13200	500	13700
8 th Year	66	13200	500	13700
9 th Year	66	13200	500	13700
10 th year	66	13200	500	13700
	1246.5	249300	37121	286421
	TOTAL	286421 X 38.411		11010310
	10% M&E			1101091
	G. Total			12111400
	Cost of Barbed fencing over 7560 mtr @ per 3.96, 260 Km for 3.22 KM			1276000
	Trench (3.22 kms) & 4,00,000 prt km			1288000
Total	286242122 x 38.441	13200		14675400

5. Technical details Technical details of Compensatory Afforestation Scheme are as follows:-

- | | |
|---------------------|------------------------------------|
| (a) General Details | : AR with gap over 38.441 ha |
| (b) Spacement | : 2.5 mtr x 2.5 mtr |
| (c) Species | : <i>Dalbergia sissoo</i> (Sissoo) |
| | <i>Azadirachta indica</i> (Neem) |

Terminalia belerica (Bahada)

Terminalia chebula (Harida)

Pongamia pinnata (Karanja)

Emblica officinalis (Ainala)

(d) Plantation Method : AR plantation @1600 per ha

(e) Soil and Moisture Conservation
Works regeneration : Staggered Trenches

(f) Protection : Watch and ward and Barbed wire fencing

(g) Proposed Monitoring Mechanism : Compensatory Afforestation will be taken up in the identified site by the Range Officer, K.Nagar East Forest Range of Dhenkanalr Division. The Range Forest Officer, K.Nagar east Forest Range will undertake field checks of the works undertaken at the identified site and will be cross checked by the Asst. Conservator of Forests, (Affn.) and Divisional Forest Officer, Dhenkanal Division. GPS co-ordinates along with other required informations of Compensatory Afforestation will be uploaded in the e-Greenwatch Portal of NIC, MoEF, Govt. of India for the purpose of online monitoring. Annual progress of plantation involving growth of planted seedlings, survival percentage etc. will be monitored and recorded in the plantation journal by the field staffs of K.Nagar East Forest Range and reported to the Divisional Forest Officer for necessary action. The same thing will be reported to the Regional Chief Conservator of Forests, Angul Circle and Chief Conservator of Forests (PP&A), O/o the Pr. Chief Conservator of Forests, Odisha, Bhubaneswar and necessary corrective measures will be followed if required so.

(h) Any other information.

**Divisional forest Officer
Keonjhar Division.**

CHECK LIST SERIAL NUMBER: - 23

“LAND SUITABILITY CERTIFICATE BY DFO CONCERNED”

This is to certify that 38.441 ha. land bearing Khata No.268, Plot No. 1 & 2 of Village Rodanga under Kankadahad Tahasil in District Dhenkanal identified for Compensatory Afforestation is suitable for plantation under AR model @ 1600 seedling per ha over 38.441 ha.

Place _____
Date _____

**Divisional forest Officer
Keonjhar Division.**