



116

SUNFLAG IRON & STEEL CO. LTD.

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Website : www.sunflagsteel.com
CIN:L27100MH1984PLC034003

Proposal for diversion of 35.94 ha. forest land in Reserved Forest comptt. No. 439-RF (Old Comptt. No. 95-RF) in favour of SUNFLAG IRON & STEEL COMPANY LIMITED in Loharadongri Iron Ore Block, Taluka Bramhapuri, District Chandrapur in the state of Maharashtra

(Online Proposal No. FP/MH/MIN/55897/2020)

CERTIFICATE-7

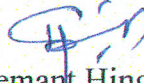
Non Violation of Forest Conservation Act 1980/Guidelines under it (Certificate of Project authority)

This is to certify that the provisions of Forest Conservation Act 1980 and guidelines under it has not been violated for mining of Iron Ore proposal at village Loharadongri, Taluka Bramhapuri, District Chandrapur in the State of Maharashtra.

For Sunflag Iron & Steel Co. Ltd.

Place : Nagpur

Dated : 20.06.2022


(Hemant Hinge)
Geologist
Authorised Signatory

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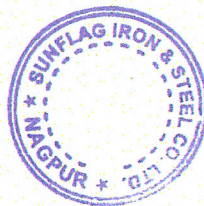
COST BENEFIT ANALYSIS

As per Forest (Conservation) Rules 2003, Rule 6, Form "A" S.No. 1(v) and guidelines-application of forest Act 1980, Chapter II (2.6) and revised guidelines issued by MoEFCC vide No. 7-69/2011-FC(pt.) dated 1st August, 2017.

Table-A: Cases under which a cost-benefit analysis for forest diversion are required

Sr. No.	Nature of proposals	Applicable/ Not applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 Hectares in hills	N/A	
2	Proposal for defence installation purposes and oil prospecting (prospecting only)	N/A	
3	Habitation, establishment of industrial units tourist lodges complex and other building construction.	N/A	
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads transmission lines, minor, medium and major irrigation projects, hydro projects mining activity, railway lines, location specific installations like micro-wave stations, auto repeater centers, TV towers etc.	Yes. Applicable	Total forest land of 35.94 Ha. involving 35.73 ha. area for Opencast mining and 0.21 ha. area for approach Road to mining site.

For Sunflag Iron & Steel Co. Ltd. Nagpur



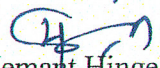

 (Hemant Hinge)
 Geologist
 Authorized Signatory

Table-B: Estimation of cost of forest diversion

Sr.No.	Parameters	Remarks
Evaluation of loss of Forest		
1.	Ecosystem services losses due to proposed forest diversion	Total cost NPV = Rs. 4,41,55,524/- (@12,28,590/- per ha. for 35.94 Ha. forest land).
2.	Loss of animals husbandry productivity including loss of fodder	10% of NPV = 44,15,552/-
3.	Cost of human resettlement	Nil. No human displacement are involved in forest area
4.	Loss of public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways etc.) on forest Land, which would require forest land if these facilities were diverted due to the project.	There is no loss of public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways etc.) on forest land due to the project.
5.	Possession value of the forest land diverted	30% of NPV = Rs. 1,32,46,657/-
6.	Cost of Suffering of oustees.	No PAPs in forest area. Hence no cost.
7.	Habitat fragmentation cost	50% NPV = Rs. 2,20,77,762/-
8.	Compensatory afforestation and soil and moisture conservation cost	Compensatory afforestation and soil and moisture conservation cost if Rs. 3,92,81,038/-

Therefore, the total loss of forest as per the approved parameters, works out to as under

Parameter No.	Description	Cost (Rs.)
	Environmental losses	12,31,76,533/-

For Sunflag Iron & Steel Co. Ltd. Nagpur



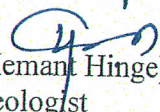

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Table C : Existing guidelines for estimating benefits of forest diversion in CBA

S.No	Parameters	Remarks																				
Benefit of cost of forest diversion																						
1.	Increase in productivity attribute to the specific project	During mining activities period temporary employment generation - 27 people for 50 years = 486000 man-days. During operation period of 50 years, generation permanent employment for 10 people.																				
2.	Benefits of economy due to specific project	More local people will be benefited due to employment generation.																				
3.	No. of population benefited due to specific project	148 = (27+10)x4																				
4.	Economic benefits due to of direct and indirect employment due to the project report	Economic benefits due to of direct and indirect employment due to the project report:- <table border="1"> <thead> <tr> <th>Description</th> <th>No.</th> <th>Wage</th> <th>Amount (Rs.)</th> </tr> </thead> <tbody> <tr> <td>Skilled</td> <td>20</td> <td>645</td> <td>23,54,40,000/-</td> </tr> <tr> <td>Unskilled</td> <td>7</td> <td>437</td> <td>5,50,62,000/-</td> </tr> <tr> <td>Highly skilled</td> <td>10</td> <td>762</td> <td>13,71,60,000/-</td> </tr> <tr> <td colspan="3">Total</td> <td>42,76,62,000/-</td> </tr> </tbody> </table>	Description	No.	Wage	Amount (Rs.)	Skilled	20	645	23,54,40,000/-	Unskilled	7	437	5,50,62,000/-	Highly skilled	10	762	13,71,60,000/-	Total			42,76,62,000/-
Description	No.	Wage	Amount (Rs.)																			
Skilled	20	645	23,54,40,000/-																			
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Highly skilled	10	762	13,71,60,000/-																			
Total			42,76,62,000/-																			
5.	Economic benefits due to Compensatory afforestation	(i) Compensatory afforestation land transferred to forest department = 35.94 Ha. (ii) Compensatory plantation 1100 plants/Ha. (iii) Total plantation = 1100 x 35.94 = 39,534 (iv) Benefit over next 50 years monetized and discount to the present value 39534 x 1030 Rs. 4.07 Crores																				

Therefore, the total benefit due to project, work out to as under:-

Ser.No.	Description	Benefit (Rs.)
	Benefit due to employment Generation and compensatory afforestation.	42,76,62,000/- + 4,07,20,020/- = 46,83,82,020/-

Therefore, benefit / cost ration works out as under:-

$$\text{Benefit / cost} = 46,83,82,020 / 12,31,76,533$$

$$\text{Cost benefit ratio} = 1:3.802$$

For Sunflag Iron & Steel Co. Ltd. Nagpur



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EMPLOYMENT POTENTIAL

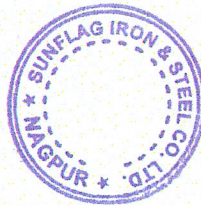
Employment generation direct and indirect due to the project during the mining activities phases of project:


1. Temporary employment of manpower during mining operation period.
 - Skilled and Unskilled Man Power : 27 people for 50 years = 486000 man-days.
2. Permanent employment of manpower during mining operation period.
 - Highly skilled Man Power : 10 people for 50 years.

Employment generation during the mining activities phases of project;

Description	No.	Wage	Amount (Rs.)
Skilled	20	645	23,54,40,000/-
Unskilled	7	437	5,50,62,000/-
Highly skilled	10	762	13,71,60,000/-
Total			42,76,62,000/-

For Sunflag Iron & Steel Co. Ltd. Nagpur




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121

43


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**Proposal for diversion of 35.94 ha. forest land in Reserved Forest comptt.
No. 439-RF (Old Comptt. No. 95-RF) in favour of SUNFLAG IRON &
STEEL COMPANY LIMITED in Loharadongri Iron Ore Block, Taluka
Bramhapuri, District Chandrapur in the state of Maharashtra**

(Online Proposal No. FP/MH/MIN/55897/2020)

CERTIFICATE-23

**Certificate of the project authority to get the Environment
Clearance (Whenever necessary)**

Certified that the project authority will seek Environment Clearance for the proposal and will start the work only clearance granted by Environmental Wing of Ministry of Environment and Forests under Environment Protection Act and Environment Impact Assessment Act of 1994.

For Sunflag Iron & Steel Co. Ltd.

Place : Nagpur

Dated : 20.06.2022

(Hemant Hinge)

Geologist

Authorised Signatory

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CERTIFICATE OF PROJECT AUTHORITY

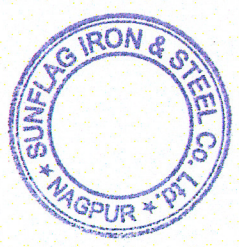
REGARDING INDEMNITY TO FOREST DEPARTMENT

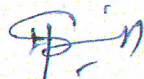
Subject: Proposal for diversion of forest land in favor of M/s. Sunflag Iron & Steel Company Ltd. In Loharadongri Iron Ore lock, Taluka Bramhapuri, District Chandrapur in state of Maharashtra over an area of 35.94 ha.

Parivesh Proposal no.: FP/MH/MIN/55897/2020

We do hereby undertake that we will not hold Forest Department liable for any injuries, damages or losses incurred during the mining works in the project area in this project.

For Sunflag Iron & Steel Co. Ltd.




(Hemant Hinge)
Geologist
AUTHORIZED SIGNATORY

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123
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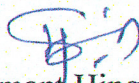
Certificate about project area lying within or outside Scheduled Tribal Area (Certificate by Project Authority)

Certified that the proposed project area in Reserved Forest comptt. No. 439-RF (Old Comptt. No. 95-RF) in Loharadongri Iron Ore Block, Taluka Bramhapuri, District Chandrapur is outside the Scheduled Tribal Area.

For Sunflag Iron & Steel Co. Ltd.

Place : Nagpur

Dated : 20.06.2022


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