

**F O R M - 'A'**

**Form for seeking prior approval under Sec.2 of F (C ) Act,1980**  
**by the State Govt. and other authorities**

**P A R T - I**

(to be filled up by User Agency)

1. **Project details**

(i) **Short narrative of the Proposal and for which the forest land is required**

The Steel Division of M/S OCL Iron & Steel Ltd. started its operation in June, 2002 with a 100 TPD (Ton per day) based on DRI (Direct Reduced Iron) method manufacturing unit at Village Lamloi of Rajgangpur in Sundergarh Dist. over an area of 99.08 Ha.

This area is a non-forest land. Subsequently the installed capacity of this plant was increased to 1, 20,000 TPA (Ton per Annum) by adding 3 Nos. of 100 TPD Kilns. In 2004, the Company entered into a MoU (**Annexure-I**) with the State Govt. of Orissa for setting up of a 0.25 million ton Steel Plant with mini blast furnace of 0.067 million tonne/ per annum capacity, 18 MW Captive Power Plant (CPP) and Sponge Iron production upto 0.24 million tones per annum in village Lamloi of Rajgangpur Tahasil of Sundergarh Dist.

M/S OCL Iron & Steel Ltd. to fulfill the requirement of the proposed Steel Plant had filed an application for obtaining a Mining Lease from the State Govt. for Iron ore over an area of 45.131 Ha in Village Kundaposi of Barbil Tahasil in Keonjhar Dist. on 20.06.2002. Subsequently, a wholly subsidiary company as M/S OCL India Ltd. was formed in the year 2006 in the name and style of "OCL Iron & Steel Ltd." The Hon'ble High Court of Orissa sanctioned the Scheme of arrangement of OCL India Ltd. for de-merger of the Steel undertaking and transfer to and vesting of all assets and liabilities to the company. Pursuant to this, with effect from the appointed date i.e. Dt.01.01.2007, **OCL Iron & Steel Ltd.** took over the business of "Steel undertaking" of OCL India Ltd. including the Captive Power Plant.

Govt. of Orissa in Dept. of Steel & Mines vide their letter No.III(A)SM 46/02-8556/SM Dt.23.12.2008 (**Annexure-II**) conditionally granted a Mining lease over 45.131 ha in Village Kundaposi in Keonjhar Dist for a period of 20 years subject to the condition of obtaining prior approval of MoEF for diversion of forest land and to survey as well as demarcate the said area by the State



Govt. at the expenses of the lessee. On merger of M/S OCL Ltd. as per the High Court Order, State Govt. in Steel & Mines Dept. vide Proceeding No.III(A)SM-46/2002. 896/SM Dt.04.02.2009 **(Annexure-III)** treated as decided to be in favour of M/S OCL Iron & Steel Ltd.

Accordingly the granted area was surveyed in field by the Mining Dept. and the same has been approved by Director of Mines vide his Letter No.MV (a)-21/02.5376/DM,Dt.14.05.2009 found to be 45.131 Ha **(Annexure-IV)**. The authenticated Land Schedule of the M.L. area has been furnished in **Annexure - V**. The lease area includes 43.091 Ha of forest land and 2.04 ha of non-forest land. The forest area includes 12.594 ha of Revenue Forest and 30.497 ha of DLC recorded forest.

The Mining plan alongwith Closure Plan has duly been approved by IBM vide their letter No-MP/OTF.MECH/10-ORI/BHU/2009-10 Dt- 24.08.2009 **(Annexure-VI)**. According to this Mining Plan the mineable reserve of Iron ore is 6.227 million ton (Page 32 of Mining Plan). The production envisaged for the plan period of first five year is 1.997 million and then 4.23 million ton for the next 8 years (Page 32 of Mining Plan) and thus the life of this mine has been estimated to be 13 years Page 30 of Mining Plan). On receipt of approval for diversion of virgin forest land from MoEF, further drilling will be made to increase the reserve position and thus the life of the mine will be increased manifold.

This mining lease area is located in Survey of India Topo Sheet No. 73 G/5. The lease area is bounded by latitude 21° 52' 47" to 21° 53' 40" north and longitude 85° 25' 00" to 85° 25' 03" east. This lease area is well connected from Joda, the nearest Industrial Town of Keonjhar Dist. by an all weather metalled road leading to Polaspanga, the distance from Joda is approximately 16 km Nearest Railway Station is Bansapani on the South Eastern Railway which is at a distance of 15 km from the lease area. This area is about 400 mt due west of Bamebari Village.

This lease area presents an undulating topography with one No. of hillock trending in a east-west direction. The highest and lowest elevations are 630.891 m and 575 m, respectively above MSL. There is no perennial stream within the granted area. Surface run-off during rainy season flows by gradient of the terrain and passes through the seasonal streams. There exist no village within the granted lease area.

The forest land included in this lease does not form part of any National Park/ Wildlife Sanctuary/ Tiger Reserve/ Biosphere



Reserve/ Elephant Reserve etc. No archeological monument is inside the lease hold area.

Out of the total lease area of 45.131 ha leaving aside 2.268 ha for Safety Zone, this application is made for diversion of **41.011** ha of forest land for mining and ancillary purposes.

The Water Resources Dept., Orissa vide their letter no.WP-IWS-1/08. 4954 dt.13.05.2008 has allocated drawal of 4250 cum (1.74 cusec) of water for this Project from river Sankh at intake point at Laxmipose, which is situated upstream of the reservoir of Mandira Dam (**Annexure-VII**). Mahanadi Coal Fields Ltd. (MCL) has signed an agreement on 26.05.2008 with the Firm for supply of 35,256 M.T. of Coal per annum (**Annexure-VIII**).

- (ii) **Map showing the required forest land, boundary of adjoining forest on 1:50,000 Scale map.**

We are submitting herewith the following maps.

Sl.No.	Details	Scale	Plate No.
01	Mining Lease area shown on Topo Sheet	1:50,000	I
02	Lease area shown on Village Sheet	1:4000	II
03	Existing Land use Plan	1: 4,000	III
04	Proposed Land use plan	1: 4,000	IV
05	Geological Plan	1: 2,000	V
06	Safety Zone Plan	1: 4,000	VI
07	Phased Reclamation Plan	1: 4,000	VII
08	Method of Reclamation	Not to Scale	VIII

Cost of the project:- The total cost of the project comes to Rs. 19.0 crores.

- (iii) As has been detailed below:-

A	<b><u>Particulars</u></b>	<b><u>Rs. In Lakh</u></b>
	Cost of Infrastructure	Rs. 50.00
	Cost of Machineries	Rs. 900.00
	Cost on operation	Rs. 500.00
	Cost on Establishment	Rs. 300.00
	Incidental charges	Rs. 60.00
	<b>Total</b>	<b>Rs.1810.00</b>

B	Statutory payments to be made to the Forest Dept.	<b><u>Rs. In Lakh</u></b>
	Cost on Comp. affn. 41.011 Ha	Rs. 26.66
	Cost on Safety Zone 2.268 Ha	Rs. 1.47
	Cost on affn. over 1.5 times of Safety Zone 3.450 Ha	Rs. 2.24
	Cost on Wildlife Management	Rs. 9.03
	Cost on Conservation Plan	Rs. 50.00
	<b>Total</b>	<b>Rs. 89.40</b>
		<b>Or Rs.90.00 Lakh</b>
	<b>Grand Total</b>	<b>Rs.19.0 crores.</b>

(iv) **Justification for locating the project in forest area :-**

Mining proposals are site specific and based on the grant order issued by the State Govt. in Steel & mines Dept. Mostly the ores are located in Forest Land as if the trees have preserved the wealth for the State ex-chequer. Since the lease area includes mainly Revenue forest land forest and the forest area possesses good grade of Iron ore (+ 63% Fe), the proposal has been made for diversion of forest land.

(v) **Cost Benefit analysis to be enclosed** – C: B analysis has been furnished in **Annexure-IX**.

(vi) **Employment likely to be generated** – As per the approved Mining Plan at present we are providing employment to 215 persons daily for mining and allied purpose. Besides 2,000 persons are benefited by this mine directly and indirectly.

2. **Purpose-wise break-up of the total land required :-**

The lease area includes 43.091 ha of forest land and 2.040 ha of non-forest land. The forest land constitutes 12.594 ha of Revenue Forest and 30.497 ha of D.L.C. forest in villages Kundaposi in Barbil Tahasil, Champua Sub-division in Keonjhar Dist.



Sl. No.	Purpose	Forest Land		Total Forest	Non-Forest Land (Ha)		Total (Ha)
		DLC Forest	Rev. Forest		Pvt.	Govt.	
1.	Mining	20.404	11.104	31.508	0.291	1.561	33.360
2.	Top soil		0.100	0.100	-	-	0.100
3.	Dumping of overburden	2.500	0.600	3.100	-	-	3.100
4.	S. Grade Ore	2.500	-	2.500	-	-	2.500
5.	Storing of minerals	1.000	-	1.000	-	-	1.000
6.	Processing Plant	1.000	-	1.000	-	-	1.000
7.	Infrastructure	1.000	-	1.000	-	-	1.000
8.	Const. of road, railway siding etc.	0.653	0.150	0.803	-	-	0.803
	<b>Sub Total</b>	<b>29.057</b>	<b>11.954</b>	<b>41.011</b>	<b>0.291</b>	<b>1.561</b>	<b>42.863</b>
	Safety Zone	1.440	0.640	2.08	0.024	0.164	2.268
	<b>Grand Total</b>	<b>30.497</b>	<b>12.594</b>	<b>43.091</b>	<b>0.315</b>	<b>1.725</b>	<b>45.131</b>

3. **Details of displacement of People due to the Project, if any:-**

This proposal does not involve any displacement of family

- (i) Number of families ... Nil
- (ii) Number of S.C./ S.T. families Nil
- (iii) Rehabilitation Plan ... Not required.

4. Whether clearance under Environment Protection Act, 1986 required - **Yes.** TOR (Term of Reference) has been filed before the MoEF for acceptance. On receipt of approved TOR, EIA & EMP will be prepared and submitted to State Pollution Control Board for issue of NOC (Consent to establish) **(Annexure X).**

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 Govt.-  
**Furnished in Annexure- XI.**



6. Details of Certificate/ documents enclosed as required under the instruction.

Sl.No.	Details	Annexure	Page
01	Application in Form 'A' – Part I		
02	Form 'A' Part II		
03	Form 'A' Part III		
04	Form 'A' Part IV		
05	Form 'A' Part V		
06	Memorandum of Understanding	I	
07	Mining Lease Grant Order Dt. 23.12.2008	II	
08	Proceeding of S & M Dept. Dt. 04.02.2009	III	
09	Letter of Director of Mines., Bhubaneswar dt. 14.05.09	IV	
10	Land Schedule	V	
11	Mining Plan approval letter by IBM	VI	
12	Water allocation letter Dt. 13.05.2008	VII	
13	Coal linkage by MCL Dt. 26.05.2008	VIII	
14	Check List	IX	
15	Term of Reference submitted to State Environmental Impact Assessment Agency	X	
16	Undertaking	XI	
17	Lease Profile	XII	
18	Memorandum of Association & Article of Association	XIII	
19	Power of Attorney to sign this Proposal	XIV	
20	Phased Reclamation Plan	XV	
21	Parameters for evaluation of benefit notwithstanding loss of forests	XVI	
22	Parameters for loss of evaluation of forests & Summary of cost benefit analysis	XVII (A) & B	
23	Mining plan	XVIII	In separate volume
24	Certificate under FRA 2006	XIX	
25	Suitability Certificate of Non Forest Govt. land allotted for Compensatory Afforestation	XX	
26	Compensatory Afforestation Scheme	XXI	
27	Abstract of Trees Enumerated	XXII	
28	Site Inspection Report of Dy. Conservator of Forests	XXIII	
<b>Maps</b>		<b>Scale</b>	<b>Plate No.</b>
01	Mining lease area shown on Topo Sheet along with adjoining lease area	1 : 50,000	I
02	Lease area shown on Village Sheet	1 : 4,000	II
03	Existing land use plan	1 : 4,000	III
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05	Geological Plan	1 : 2,000	V
06	Plan of Safety Zone	1 : 4,000	VI
07	Phased Reclamation Plan	1 : 4,000	VII
08	Method of reclamation	Not to Scale	VIII
09	Non forest land identified for compensatory afforestation	16" : 1 Mile	IX

Thus, the User Agency requests the State Govt. in Forest & Environment Deptt. for diversion of 41.011 ha of forest land for mining & allied purpose in Kundaposii Iron Ore Mining Lease area under section 2 of F(c) Act. 1980 of M/S OCL Iron & Steel Ltd. .

**For OCL IRON AND STEEL LTD.**

Date:

(*[Signature]*  
gabitwa kumar Swaha)  
Sign **AUTHORISED SIGNATORY**

Place:

State serial No. of proposal 342/09 dt. 01-11-09

(To be filled up by the Nodal Officer with Date of receipt)