

**OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION**

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Memo No. 4029 /Mining  
Dated, Keonjhar the 22<sup>nd</sup> May, 2016

To

The Regional Chief Conservator of Forests,  
Rourkela Circle, Rourkela.

**Sub: Proposal for diversion of 87.09 ha. Land recorded as forest as on/after 25th October 1980 inside the 1321.45 Ha (5.10 sq miles ML) of M/s SAIL, Bolani Ore Mines in Keonjhar district.**

**Ref: Proposal No FP/OR/MIN/17936/2016 St Sl No. OR-013/2016 dated 08.03.2016**

The proposal for diversion of 87.09 ha. Land recorded as forest as on/after 25th October 1980 inside the 1321.45 Ha (5.10 sq miles ML) ML of M/s SAIL, Bolani Ore Mines has been received online from the Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act. O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar vide No. FP/OR/MIN/17936/2016 St. Sl. No- OR-013/2016 on dated 08.03.2016. The said proposal in 5 sets is sent herewith for approval under section-2(ii) of Forest Conservation Act, 1980 (Amended) over 87.09 ha. forest land as recorded as on 25.10.1980 including 2.23 ha of safety zone after due scrutinization in compliance with the guideline F No. 8-78/1996-FC(pt.) dt.10.03.2015 read with F No. 8-78/1996-FC(pt.) dt.09.03.2016 of MoEF & CC, Govt. of India.

**A. Brief description of the Project Proposal**

**A.1. Brief description of the Project**

Bolani Ores Mines under Raw Materials Division of M/s SAIL, a Govt. of India PSU, is an ongoing mining project for exploitation of Iron Ores in Barbil Tahasil of Keonjhar District. The Mining Lease area is situated in village Bolani, Balagoda & Karo Reserved Forest under Barbil Forest Range of Keonjhar Forest Division. The aforesaid mining lease over 5.10 sq. miles (1321.45 ha) was granted for 30 years with validity from 11.04.1960 to 10.04.1990. First RML was granted for a period of 20 years with effect from 10.04.1990 to 09.04.2010 vide letter No. III (A) SM-1/97-10731/SM, dated 25.11.1999 of Govt. of Odisha, Steel & Mines Department. The 2<sup>nd</sup> RML has been granted for a period of 20 years with effect from 11-04-2010 with validity upto 10-04-2030 vide express order no III(A)SM-1/97-10731/SM. dated 29.05.2014 of Govt. of Odisha, Steel & Mines Department. The granted 2<sup>nd</sup> R.M.L Deed has been executed on 14-11-2014 (Copy of 2<sup>nd</sup> R.M.L Lease Deed is enclosed as **Annexure-1**).

The Mining Lease is located within latitude 22°05'11.7"N to 22°07'39.4" N and longitude 85°15'52.7" E to 85°20'13.8" E in survey of India Topo sheet No. 73 F/8. The total mining lease area of Bolani Ore Mines (5.10 Sq Miles ML) of M/s. SAIL is 1321.45 ha involving 1225.78 ha Forest land & 95.67 ha Non-Forest Land. The total Forest Land over 1225.78 ha includes 1181.66 ha Reserved Forest (Karo RF) & 44.12 ha Revenue Forest land.

The total Forest land involved in the aforesaid mining lease has been diverted U/s 2(ii) of Forest (Conservation) Act-1980 during 2<sup>nd</sup> RML as depicted hereunder-

1. 1152.58 ha Forest land excluding Forest land over 317 ha located in Karo-Karampada elephant corridor vide approval letter F No.8-17/1997-FC(pt.) dt.11.12.2012.
2. 54.05 ha broken Forest land located in Karo-Karampada elephant corridor vide approval letter F No.8-17/1997-FC(pt.) dt.09.07.2013.

3. 262.95 ha Forest land located in Karo-Karampada elephant corridor & 73.2 ha Forest land located in the safety zone vide approval letter F No.8-17/1997-FC(pt.) dt.12.11.2014.

In the context of the aforesaid mining lease, it is worth mentioning that forest land over 1225.78 ha has been diverted during 2<sup>nd</sup> RML period and the diverted forest land over 1225.78 ha involves 1181.66 ha Reserved Forest (Karo RF) and 44.12 ha Revenue Forest. However, DGPS Survey in respect of the said mines has been carried out in the year 2014 in compliance with the express order of the State Govt., Steel and Mines Department vide No. 4000/SM. dated 29.05.2014. In the said DGPS Survey, the extent of Reserved Forest has been increased to 1192.91 ha (i.e. an increase of 11.25 ha over and above the extent of Reserved Forest diverted during 2<sup>nd</sup> RML) and (the extent of Revenue Forest has been reduced to 32.86 ha (i.e. a decrease of 11.26 ha than the Revenue Forest land diverted during 2<sup>nd</sup> RML). In the aforesaid scenario, the said discrepancy in the extent of different category of forest land as mentioned hereinabove, has been intimated to the Collector, Keonjhar vide this office letter No. 7125 dated 31.10.2014 (Copy enclosed as Annexure - 02 ) under intimation to all concerned and the RCCF, Rourkela Circle vide this office memo No. 7222 dated 07.11.2014 (Copy enclosed as Annexure - 03 ) with request to move the competent authority to take decision as deem proper on the aforesaid discrepancy in the extent of different forest land applied for approval and approved vis-a-vis that reflected in the express order DGPS Survey during 2<sup>nd</sup> RML. In addition, it is mentioned that the total land in the said mining lease, at present, stands at 1321.45 ha. involving 1192.91 ha. Reserved Forest, 32.86 ha. Revenue Forest, 84.85 ha Non-Forest Govt. land and 10.83 ha Tenanted land.

Pursuant to the guideline F No. 8-78/1996-FC(pt.) dt.10.03.2015 read with F No. 8-78/1996-FC(pt.) dt.09.03.2016 of MoEF & CC, Govt. of India, an area over 87.09 Ha Non-forest land has been certified by the Tahasildar, Barbil to be forest land as on 25.10.1980 as per Govt. record out of the total Non Forest land over 95.68 Ha involved in the mining lease. The certificate furnished by the Tahasildar, Barbil in this regard is enclosed as Annexure 4 . The present diversion proposal submitted over 87.09 ha involves 48.42 ha broken up land and 2.23 ha land located in safety zone. The broken up land over 48.42 ha includes mining activities like float ore mining, sites of fines disposal, plants & machineries and connecting roads and conveyors to loading points etc. The aforesaid broken up land over 48.42 ha includes 1.25 ha land located in the safety zone.

The M.L. area contains a total mineable reserve of 250 million tonnes of Iron Ore. The annual production capacity is 12.0 million tons iron ore. The entire mining operation is mechanized with heavy earth moving equipment, Ore processing and beneficiation plant, Railway siding and other machineries and infrastructural facilities. This project has generated direct and indirect employment for more than 1500 local people mostly of tribal communities.

### **A.2. Physiography and Geological formation**

Bolani Ore Mines (5.10 Sq Miles ML) of M/s. SAIL is located within latitude 22°05'11.7"N to 22°07'39.4" N and longitude 85°15'52.7" E to 85°20'13.8" E in survey of India Topo sheet No. 73 F/8 consisting of Karo Reserved Forest and adjoining Revenue Forest and Recorded Forest Kissam Lands. This site falls under the physiographic- Joda Barbil plateau extending from Chamakpur to the boarder of Singhbhum of Jharkhand in north and boarder of Bonai in the west. This region is an extension southwards of Singhbhum rocks. This group of rocks comprising trap, tuffites, shale, quartzite, phyllite, banded haematite jasper and banded haematite quartzite form high hill ranges with narrow deep valley. This region is characterised by massive deposit of iron and manganese are associated with B.H.J. and shales. The iron ores precipitates are in the form of oxide, carbonates, silicates and sulphides. The most characteristics feature of the iron ore i.e haematite is it's availability in the form of massive beds, pockets and large lensoid soil bodies. Hard massive, Laminated, Lateritoid & Blue dust are the major form of ore located in this physiographic zone.

Most characteristic feature of associated manganese ore is its occurrence in form of pocket, lenses in the shales of the iron ore group. It is also seen extensively as residual deposit. Manganese ore deposits are mostly confined to the Singhbhum-Bonai belt of Keonjhar district associated with BIF of Iron ore group. The ore minerals are chiefly pyrolusite and psilomelane. The important manganese deposits of the district are located at Roida, Sidhamatha, Bhadrasahi, Guruda, Joda, Harmath-Guali and Bamebari. The reserve of Manganese ore established so far is 29 million tons. Various grades of Manganese ore contains 25% manganese to dioxide grade.

### **A.3. Floristic- Faunal Composition**

The ruling forest growth including Karo Reserved Forest and adjoining Revenue Forest is placed under the sub- group 3C/C2e(iii) Moist Peninsular Valley Sal and 5B/C2 Northern Dry Mixed Deciduous Forest under Champian and Seth Classification. The prevailing vegetation in Karo Reserved Forest includes Sal and Sal associates. The geological formation of this area is quite suitable for growth of sal. Sal constitutes around 70 to 75% of the top canopy. The middle storey is un-conspicuous. The quality of Sal varies from all India Quality II to IV. Quality II sal is mainly confined to the valleys while Q III occurs on the hill slopes of moderate gradient. Q IV sal mainly confined in the ridges. Q I sal is completely absent.

The principal associates of sal includes *Terminalia alata*, *Lagerstroemia perviflora*, *Anogeissus latifolia*, *Terminalia belerica*, *Syzygium cumini*, *Mangifera indica*, *Schleichera oleosa*, *Adina cordifolia*, *Pterocarpus marsupium*, *Bombax ceiba*, *Bridelia retusa*, *Madhuca indica*. The middle story is represented by *Syzygium cumini*, *Ougeinia ougenensis*, *Careya arborea*, *Treema orientalis*, *Embllica officinalis*, *Cassia fistula* etc. The shrubs and undergrowth are characterized by *Indigofera pulchella*, *Ardisia solenacea*, *Flemingia chhappar*, *Helicteres ixora* and *Clerodendron viscosum* etc. The prevailing climbers include *Bauhinia vahlii*, *Combretum decandrum* and *Beutia parviflora*. The grasses over the forest floor include *Chrysopogon aciculatus*, *Imperata cylindrica*, *Dicanthium carricosum*, *Cynodon dactylon* etc. The canopy density of the prevailing forest growth varies from 0.2 to 0.8. The average density is about 0.4. Regeneration of sal is profuse in part of Karo R.F. adjoining Saranda of Jharkhand.

Part of the Karo Reserved Forest and adjoining Revenue Forest placed under the sub-group 5B/C2 Northern Dry Mixed Deciduous Forest is characterised by dry slopes and rugged ground where soil is poor and shallow. Tree canopy is seriously broken by human activities so that scattered trees and small groups are now typical. This broken top canopy is characterising the transition to still drier types having trees with low spreading crown. Shrubs and small trees occupy vast areas. The density varies from 0.2 to 0.4. The crop dominating these forest is thorny, unbrowsable and xerophytic in habit. The prevailing forest growth in the Non-Forest land recorded as forest as on 25.10.1980 over 87.09 ha falls under this category.

Karo Reserved Forest is the dwelling habitat for leopard, bear, barking deer, hyena, porcupine and etc. Frequent visit of wild elephants from the neighbouring state Jharkhand in the past has resulted in delineation of Karo-Karampada Elephant Corridor in Karo Reserved Forest. This falls under elephant habitat zone- 2 as mentioned by ORSAC, Bhubaneswar.

## **B. Documents and Undertakings as regards Forest Diversion Proposal**

### **B.1. Maps**

The user agency has furnished the required maps as depicted in the following table-

<b>Sl.No</b>	<b>Map Particulars</b>	<b>Scale</b>	<b>Reference</b>
1	Location map of the area on SOI Topo-sheet	1:50000	Plate- I
2	Executed Lease Map	1:3960	Plate- II
3	Lease area Plan showing forest and non-forest land	1:3960	Plate- III
4	Existing land use plan of the land recorded as forest as on/after 25.10.1980 involved in the mining lease	1:6000	Plate- IV
5	Proposed Land use Plan of land recorded as forest as on/after 25.10.1980.	1:6000	Plate- V
6	Safety zone area Plan	1:6000	Plate- VI
7	Geological plan	1:6000	Plate- VII
8	Reclamation & Rehabilitation Plan	1:6000	Plate- VIII
9	Map of Degraded Forest land identified for Compensatory Afforestation.	1:3960	Plate- IX (A&B)
10	Authenticated DGPS Map of land recorded as forest as on/after 25.10.1980.	1:6000	Plate- X
11	Tree enumeration map	1:6000	Plate- XI
12	Authenticated land use plan of the mining lease hold area	1:8000	Plate- XII

### **B.2. Forest Land**

The total land in the said mining lease stands at 1321.45 ha. involving 1192.91 ha Reserved Forest, 32.86 ha Revenue Forest, 84.85 ha Non-Forest Govt. land and 10.83 ha Tenanted land. The total non-forest land amounts to 95.68 ha. An area over 87.09 Ha of Non-forest land has been certified by the Tahasildar, Barbil to be forest land as on 25.10.1980 as per Govt. record out of the total Non Forest land over 95.68 Ha involved in the mining lease. The purpose wise break-up of the land recorded as forests as on 25.10.1980 over 87.09 ha submitted for diversion is produced hereunder-

#### **Purpose wise breakup of the total non-forest land over 87.09 ha recorded as forest as on/ after 25.10.1980**

**Table- I**  
**Existing land use in respect of 87.09 ha. non-forest land recorded as forest as on/ after 25.10.1980**

<b>Sl. No.</b>	<b>Pattern of Utilization</b>	<b>Broken non-forest land recorded as forest as on 25.10.1980 (in ha)</b>	<b>Broken non-forest land recorded as forest as on 25.10.1980 located in S.Z (in ha)</b>	<b>Total Broken non-forest land recorded as forest as on 25.10.1980 (in ha)</b>	<b>Total Broken non-forest land recorded as non-forest as on 25.10.1980 (in ha)</b>
1	Old mining and fines disposal areas	23.40	0.60	24.0	0
2	Road, power/ pipeline and conveyors	1.90	0.10	2.0	1.0

3	Plants and machineries	4.41	0.01	4.42	0
4	Office and township	17.46	0.54	18.0	2.99
	<b>Total</b>	<b>47.17</b>	<b>1.25</b>	<b>48.42</b>	<b>3.99</b>

**Table -2**

**Proposed Land use of virgin non-forest land recorded as forest as on 25.10.1980**

Sl. No.	Pattern of Utilization	virgin non-forest land recorded as forest as on 25.10.1980 (in ha)	virgin non-forest land recorded as forest as on 25.10.1980 located in the Safety Zone (in ha)	Total virgin non-forest land recorded as forest as on 25.10.1980 (in ha)	Non-forest land recorded as non forest as on 25.10.1980 (in ha)
1	Storing of minerals/ waste	10.0	-	10.0	0.22
2	Road, power/ pipeline and conveyors etc.	0.98	-	0.98	0.02
3	Plants and machineries	26.40	-	26.40	0.42
4	Unutilised land to be maintained as forest & others	0	0	0	3.35
	<b>Total</b>	<b>37.38</b>	<b>0.00</b>	<b>37.38</b>	<b>4.01</b>

**Table- 3**

**Abstract of Existing and Proposed Land use of non-forest land recorded as forest as on/ after 25.10.1980**

Sl. No.	Pattern of Utilization	Broken non-forest land recorded as forest as on 25.10.1980 (in ha)	Virgin non-forest land recorded as forest as on 25.10.1980 (in ha)	Total non-forest land recorded as forest as on 25.10.1980 (in ha)	Broken Non-forest land recorded as non forest as on 25.10.1980 (in ha)	Virgin Non-forest land recorded as non forest as on 25.10.1980 (in ha)	Total Non-forest land recorded as non forest as on 25.10.1980 (in ha)	Grand Total (in ha)
1	Old mining and fines disposal areas	23.4	0	23.4	0	0	0	23.4
2	Storing of minerals/ waste	0	10	10	0	0.22	0.22	10.22
3	Road, power/ pipeline and conveyors etc.	1.9	0.98	2.88	1	0.02	1.02	3.9
4	Plants and machineries	4.41	26.4	30.81	0	0.42	0.42	31.23
5	Office and township	17.46	0	17.46	2.99	0	2.99	20.45
6	Unutilised land to be maintained as forest & others	0	0.31	0.31	0	3.35	3.35	3.66
	<b>Sub Total:</b>	<b>47.17</b>	<b>37.69</b>	<b>84.86</b>	<b>3.99</b>	<b>4.01</b>	<b>8</b>	<b>92.86</b>
7	Safety Zone	1.25	0.98	2.23	0	0.59	0.59	2.82
	<b>Total</b>	<b>48.42</b>	<b>38.67</b>	<b>87.09</b>	<b>3.99</b>	<b>4.60</b>	<b>8.59</b>	<b>95.68</b>

### B.3. Tree Enumeration.

There are 2326 nos. of sound, 631 Nos. of unsound trees and 1150 Nos. of poles below 30 cm girth (358 nos. of sound, 76 Nos. of unsound trees and 670 Nos. of poles below 30 cm girth in the virgin forest land over 37.69 ha and 1968 nos. of sound, 555 Nos. of unsound trees and 480 Nos. of poles below 30 cm girth in the broken up forest land over 47.17 ha) enumerated over 84.86 ha land recorded as forest as on/ after 25<sup>th</sup> October, 1980 excluding forest kissam land located in safety zone of the Mining Lease in the instant proposal. The species wise and diameter class wise abstract of enumerated trees in respect of virgin and broken up land in separate sheets is enclosed as **Annexure – 5**

### B.4. Cost benefit analysis.

The Cost Benefit analysis has been worked out as per the guide lines of Forest (Conservation) Act, 1980 and enclosed in the proposal as **Annexure- 6** . The Cost Benefit ratio is **1:12.47**.

### B.5. Re-settlement and Rehabilitation.

The project does not involve displacement of any human habitation.

### B.6. Safety Zone

The total forest land involved in the mining lease is 1225.77 ha including 73.20 ha forest land located in the safety zone. In compliance with the guideline F No. 8-78/1996-FC(pt.) dt.10.03.2015 read with F No. 8-78/1996-FC(pt.) dt.09.03.2016 of MoEF & CC, Govt. of India, an area over 87.09 Ha of Non-forest land has been certified by the Tahasildar, Barbil to be forest land as on 25.10.1980 as per Govt. record out of the total Non Forest land over 95.68 Ha involved in the mining lease. The non-forest land over 87.09 ha certified to be forest land as on 25.10.1980 includes 2.23 ha land located in the safety zone. The effective extent of non-forest land recorded as non-forest as on 25.10.1980 is 8.59 ha including 0.59 ha land located in the safety zone. The details of safety zone of the mining lease is furnished hereunder-

Sl. No.	Particulars	Forest land (in ha)			Non- Forest land (in ha)
	Safety Zone	Reserved Forest	Revenue Forest	Non-forest land recorded as forest as on 25.10.1980	
1	7.5 mtr strip along the boundary line (Except common boundary line to the north)	65.92	7.28	2.23	0.59

The aforesaid forest land located in the safety zone over 73.20 ha has been diverted under FC Act, 1980 and the desired compliance has been complied with by the Lessee in respect of the conditions stipulated as regards safety zone in the approval accorded under FC Act, 1980. The said compliance is enclosed as **Annexure- 7** . In the instant proposal, the area of Non-forest land recorded as forest as on 25.10.1980 and located in the safety zone over 2.23 ha includes 1.25 ha broken up land.

### B.7. Concurrent Reclamation Plan.

The User Agency has reclaimed an area over 90 ha mined out pits in B and C area inside the Mining Lease till 2011-12, Back Filling over 6.25 ha in F, D, and Panposh Quarry with

afforestation over 4 ha back filled area in F, D and Panposh Quarry of the Mining Lease. In addition, the User Agency has furnished an undertaking vide **Annexure- 8** to undertake concurrent reclamation of OB Dumps and Mined out pits as per the approved Concurrent Reclamation Plan.

### **B.8. Lease Profile**

The User Agency has furnished the lease profile vide **Annexure- 9** in the Diversion Proposal.

### **B.9. District Profile**

The district profile in the prescribed proforma vide **Annexure- VII** of FC Act guideline is annexed herewith as **Annexure – 10**

### **B.10. Compliance of the conditions stipulated in the Earlier Approvals (Stage-I and Stage-II) under FC Act,1980-**

The Compliance of the conditions stipulated in the Stage-I and Stage-II Approvals accorded over 1152.58 ha Forest land excluding Forest land over 317 ha located in Karo-Karampada elephant corridor vide approval letter F No.8-17/1997-FC(pt.) dt.12.11.2010 and F No.8-17/1997-FC(pt.) dt.11.12.2012 and subsequent approvals over 317 ha forest land located in Karo-Karampada elephant corridor vide F No.8-17/1997-FC(pt.) dt.09.07.2013 and 73.2 ha Forest land located in the safety zone vide approval letter F No.8-17/1997-FC(pt.) dt.12.11.2014 is enclosed as **Annexure- 11**

### **B.11. Compliance to Statute(s),circular & directives issued by Govt. of India, MoEF as applicable to the project which came in to force after grant of earlier approval.**

The desired compliance is enclosed as **Annexure – 12**

### **B.12. Certificate under FRA, 2006**

Certificate under Forest Right Act, 2006 will be submitted by the Collector, Keonjhar along with his findings on settlement of rights under FRA and consent of the Gramsabha in respect of the submitted diversion proposal to the Regional Chief Conservator of Forests as enshrined in the FC Amendment Rule, 2014.

### **B.13. Site Inspection Report of DCF**

Site Inspection report of the Deputy Conservator of Forests, Keonjhar Division is furnished as **Annexure- 13**

### **B.14. DGPS maps**

The DGPS map signed by all concerned officials of Revenue, Mining and Forest Dept., validated by ORSAC and duly countersigned by the undersigned is enclosed as **Plate- 14**. The area as per land schedule and that of DGPS map involved in the submitted diversion proposal is produced below-

Sl No.	Category of Forest Land	Area applied for (in ha.)	Area as per DGPS Map (in ha.)	Difference	Remarks
1.	Non-Forest Land recorded as Forest as on 25.10.1980	87.09	87.244	0.154	Excess of 0.1768% over the applied area.

## **C. Compensatory Levies**

### **C.1. Compensatory Afforestation**

I.	Total Mining Lease area	-	1321.45 Ha.
II.	Forest area involved in the ML	-	1225.77 Ha.
III.	Non-forest land recorded as forest as on/ after 25.10.1980	-	87.09 Ha
IV.	Forest area covered under safety zone	-	2.23 Ha.
V.	Forest area applied for diversion in 2 <sup>nd</sup> RML	-	87.09 Ha.

Degraded Forest Land over 169.72 ha has been identified in Karo Reserved Forest (84.86 ha x 2 times) under Barbil Range of Keonjhar Forest Division. The Compensatory Afforestation scheme in respect of the aforementioned degraded forest land is enclosed herewith as **Annexure- 13A**

### **C.2. Net Present Value.**

The mining lease involves 1225.77 Ha Forest land & 95.68 ha Non-Forest Land. The total Forest Land over 1225.77 ha includes 1192.91 ha Reserved Forest (Karo RF) & 32.86 ha Revenue Forest land. An area over 87.09 Ha Non-forest land has been certified by the Tahasildar, Barbil to be forest land as on 25.10.1980 as per Govt. record out of the total Non Forest land over 95.68 Ha involved in the mining lease.

Net Present Value (NPV) amount of Rs. 89,48,19,400/- over 1225.78 ha. Forest land has been realized as per applicable rate of Rs. 7.30 lakhs per ha. The lessee has deposited the said amount in Adhoc-CAMPA Account No.1585, Corporation Bank, Lodhi Road, New Delhi vide Cheque No.597654 dt. 8.4.2010 for Rs. 76,73,38,280/- and Cheque No. 597672 dt. 3.7.2010 for Rs.12,74,81,120/-.

Further, NPV amount of Rs 6,35,75,700/- (i.e Six crores Thirty Five Lakhs Seventy Five Thousand Seven Hundred only) for 87.09 ha Non-Forest land recorded as forest as on/after 25.10.1980 has also been realised from the lessee as per the applicable rate of Rs. 7.30 lakhs per ha through RTGS/NEFT mode in Compensatory Afforestation Fund (CAF), Orissa SB Accounts no - 344902010105428 of Union Bank of India, Sunder Nagar New Delhi-110003, IFSC No - UBIN 0534498 on 08.03.2016 through UTR No SBINR5201630826953046. In addition, the undertaking submitted by the user agency to pay additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India is enclosed herewith vide **Annexure----14**.

### **C.3. Wild Life Management- Site Specific Wildlife Conservation Plan and Regional Wildlife Management Plan.**

Site Specific Wildlife Conservation Plan has been approved by the PCCF, (Wildlife) & CWLW, Odisha with a financial outlay of Rs. 16,76,41,000 /-. (Rs. 6,82,34,000/- for Project area and Rs. 9,76,07,000/- for Project Impact area excluding the cost of vehicle to be provided to the RCCF, Rourkela). The approved amount for project impact area has been deposited by the User Agency through RTGS in Ad-hoc CAMPA account dated 28.06.2014.

In addition, an amount of Rs. 5,68,22,350/- has been deposited in Ad-hoc CAMPA account (Rs. 26429000/- dated 13.11.2009 and Rs. 30393350/- dated 31.01.2014) towards Regional Wildlife Management Plan at the rate of Rs. 43,000/- per ha. The lessee has furnished an undertaking to bear the differential cost towards Regional Wildlife Management Plan.

## **D. Statutory Clearances**

### **D.1. Forest Clearance**

The total Forest land involved in the aforesaid mining lease except the instant proposal over 87.09 ha non-forest land recorded as forest land as on 25.10.1980 has been diverted U/s 2(ii) of Forest (Conservation) Act-1980 during 2<sup>nd</sup> RML as depicted hereunder-

1. 1152.58 ha Forest land excluding Forest land over 317 ha located in Karo-Karampada elephant corridor vide approval letter F No.8-17/1997-FC(pt.) dt.11.12.2012.
2. 54.05 ha broken Forest land located in Karo-Karampada elephant corridor vide approval letter F No.8-17/1997-FC(pt.) dt.09.07.2013.
3. 262.95 ha Forest land located in Karo-Karampada elephant corridor & 73.2 ha Forest land located in the safety zone vide approval letter F No.8-17/1997-FC(pt.) dt.12.11.2014.

### **D.2. Mining Plan/ Mining Scheme**

The Mining Scheme along with PMCP approved by the IBM vide Letter No MS/FM/31-ORI/BHU/2014-15 dated.03.08.2015 with validity for the Period 01.04.2015 to 31.03.2020 is enclosed herewith as **Annexure- 15**.

### **D.3. Environmental Clearance**

The Environmental Clearance accorded by MoEF, Govt. of India vide No. J-11015/418/2008-IA.II (M) dated 21.12.2012 for production of Iron ore from 5.65 MTPA to 12 MTPA is enclosed herewith vide **Annexure – 16**.

### **D.4. Consent to Operate from SPCB, Odisha**

The State Pollution Control Board, Odisha has issued Consent to operate vide letter No. 4784 dated. 18.03.2016 with validity up to 31.03.2019. The Copy of the Consent to Operate Order is enclosed as **Annexure – 17**.

## **E. Misc. Information**

### **E.1. Violation and Action Taken thereof.**

#### **Violation committed in respect of the Mining Lease during 1<sup>st</sup> RML**

Illegal Production of Fe Ore during the following Period-

1994-95---1718616 MT  
1995-96---1637729 MT  
1996-97---2197757 MT  
1997-98---2506969 MT

#### **Action taken.**

For the illegal production of mineral, OR case No. 41BL of 2014-15 dated 11.08.2014 has been booked. Prosecution has been sanctioned against the Mines Manager and submitted in the Court of JMFC, Barbil vide PR No. 24 of 2014-15 dated. 26.11.2014. The case is sub-judice.

**Observation as regards the land use in respect of the Mining Lease during 2<sup>nd</sup> RML.**

The proposed land use plan submitted during submission of the diversion proposal during 2<sup>nd</sup> RML does not depict the details of land use as regards mining operation and all activities associated with mining operation has been broadly reflected as Mining. However, the detailed land use verified during the year 2014-15 depicts each item of activity associated with mining operation. The respective maps showing land use are annexed herewith as **Annexure- 18** and **Plate No. XII**.

**E.2. Pending Court Matters.**

The lessee has furnished an undertaking as regards pending court matters in respect of the Bolani Ore Mines of M/s Steel Authority of India Ltd which is enclosed vide **Annexure- 19** for kind perusal.

**E.3. Compliance of the order dated 01.09.2014 of the Hon'ble Supreme Court in I.A No. 204 and 219, 223 in I.A. No. 204 and I.A No. 224 in I.A. No. 215 in W.P.(C) 562/2009 read with I.A No. 212 in W. P (C) 562/2009.**

Proposal for diversion of 87.09 ha of Non Forest land recorded as Forest as on/ after 25.10.1980 within the mining lease of Bolani Ore Mines (5.10 Sq Miles ML) of M/s. SAIL has been received through online from the Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act. O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar vide No. *FP/OR/MIN/17936/2016, St. Sl. No. OR-013/2016 dated 08.03.2016*. Essential Details in connection with the said proposal was sought for from the User Agency on dated *08.03.2016*. In compliance with the Essential Details Sought for, the compliance submitted by the User Agency has been received on dated *20.05.2016*. The aforesaid proposal is forwarded to the RCCF, Rourkela Circle through Online portal dated *22.05.2016* within the time period fixed at the level of the Divisional Forest Officer at the expense of 3 days spent towards examination of factual details and feasibility of the proposal, map certification, site inspection and tree enumeration.

The submitted diversion proposal over 87.09 ha of Forest land in the 2<sup>nd</sup> renewal of the mining lease is forwarded herewith for approval as per provision under section -2(ii) of Forest (Conservation) Act, 1980 (Amended) in compliance with the guideline issued vide F No. 8-78/1996-FC(pt.) dt.10.03.2015 read with F No. 8-78/1996-FC(pt.) dt.09.03.2016 of MoEF & CC, Govt. of India.

**Enclosure- Diversion proposal along with requisite documents.**

  
**Divisional Forest Officer,  
Keonjhar Division.**

**Memo No. 4030 /Dated 22.05.16**

Copy forwarded to the Additional Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information.

  
**Divisional Forest Officer,  
Keonjhar Division.**