

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 the User Agency)

1. PROJECT DETAILS

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

A mining lease over 104.680 ha was granted by the State Govt. in Dept. of Mining & Geology during 1953 in favour of Kahtau Narveram & Co. for a period of 30 years from 23.01.1953 to 22.01.1983 for mining of Iron Ore in Sidhamath Reserved Forest near village- Tonto under Barbil Tahasil of Keonjhar District in Odisha. Subsequently the State Govt. renewed the said lease for 20 years during the 1st RML from 23.01.1983 to 22.01.2003 vide their Proceeding No.8506/MG Dt.23.08.1984 (**Annexure-I**). Copy of the 1st RML deed is enclosed (**Annexure-II**) Thereafter, the lease was transferred on 31.10.1996 in favour of Mideast Integrated Steels Ltd. (MESCO) by Govt. of Odisha, Dept. of Steel and Mines vide letter No III(A)Sr 25/94-8475 Dt 30.8.1996 (**Annexure-III**). The transfer deed of the Mining Lease has been furnished (**Annexure III A**). MESCO then had applied to the State Govt. in Steel and Mines Dept. for grant of 2nd RML with effect from 23.01.2003 to 22.01.2023 (**Annexure-III B**) which is under process with the State Government. The copy of receipt from the State Government (**Annexure - III C**) and condonation of delay by State Government is enclosed (**Annexure-III D**). The total lease area over 104.680 ha is in Sidhamath Reserve Forest of Keonjhar Forest Division. The lease is surrounded by M.L. area of M/S K. N. Ram & Co. is in the North and Eastern side, M.L. area of M/S D.C. Jain is in Southern side and N.H. 215 runs parallel on the Western side.

Initially MESCO had submitted a proposal to MoEF for diversion of 96.099 ha of forest land for non-forestry purpose i.e. mining, leaving aside 08.581 ha for Safety Zone totaling to 104.680 ha. On recommendation of the State Government MoEF granted in-principle approval (Stage-I) for diversion of 51.99 ha of forest land (23.393 ha broken and 28.597 ha virgin) vide their letter No 8-106/2005-FC Dt.4.1.2006 (**Annexure-IV**) with XI conditions to be fulfilled by the user agency along with working permission for mining in the broken up forest land. The condition No. viii envisages that "remaining 44.109 ha of forest land shall be



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surrendered by the User Agency to the State Forest Department and compliance report for final approval". As the above area is very much essential for mining, User Agency on 10.01.2006 had requested MoEF to delete condition No. viii. Accordingly MoEF in their letter No. 8-106/2005FC Dt. 09.03.2006, directed the User Agency to submit fresh Proposal for diversion of 44.109 ha of forest land. It is pertinent to mention here that, the State Govt. in Forest & Environment Dept. while transmitting our proposal vide their letter No.20512/F & E Dt.29.11.2005, had also recommended for retention of 44.109 ha of forest land by user agency for future exploration. However, considering our application Dt.10.1.2006, Forest Advisory Committee has directed to submit proposal for diversion of the 44.109 ha of forest land which was communicated by MoEF to the State Government vide their letter F.No. 8-106/2005-FC Dt.9.3.2006 and to the user agency vide letter F.No. 8-106/2005-FC dated 18th July 2006 **(Annexure - IV (A) and IV (B)).**

We have complied balance conditions of MoEF letter dated 04.01.2006 and MoEF has granted Stage II approval for diversion of 51.99 ha (23.393 ha broken and 28.597 ha of virgin) forest land and directed the User Agency to deposit fund with Forest Department for the creation, Protection and regeneration of the Safety Zone Area and also to bear the cost of afforestation over one and half time of the safety zone area vide letter Dt. 19.02.2008 **(Annexure - V)**. Accordingly this proposal was submitted for diversion of the virgin forest land over 44.109 ha of our lease hold area in Sidhamath R.F. of Barbil Tahasil in Keonjhar Forest Division in the year 2006. During processing of the DRP, the queries raised at different levels were also complied. As almost 6 years have passed certain changes to the Land use Pattern were envisaged and accordingly the same is incorporated in the Proposal. **The NPV for the total ML area of 104.680 Ha has already been deposited in the CAMPA fund.**

MESCO has set-up a 100% export oriented unit for manufacture of steel at Kalinga Nagar in Jajpur Dist. of Orissa in technical-cum-financial collaboration with Metallurgical Import & Export Corporation, Beijing, China. The Calibrated Lump Ore (CLO) and part of fines produced from the lease hold area is meant to cater the need of our Steel plant. Balance CLO and fines shall be utilized by other steel plants and beneficiation plants as a mineral conservation measures. The present capacity of the plant is 1.2 MTPA and is under expansion to 3.5 MTPA. To cater the requirement of Steel Plant which is under expansion, the production capacity of mines has to be increased from 3.0 MTPA to 6.0 MTPA. Accordingly new facilities like higher capacity



crushers, Conveyor System for disposal of Iron Ore including other infrastructures have to be created.

This lease area contains a geological reserve of 67.8 million tons of Iron Ore, which includes Proved, Probable and possible category (Page 13 of Scheme of Mining) **Annexure - VIII** and the rated capacity is 3.0 MTPA and hence the life of the mine is 22 years. However, to increase the production to 6.0 MTPA, we have already received the Terms of Reference from MoEF vide their letter No. J-11015/57/2011-IA.II.(M) Dt. 20.05.2011 (**Annexure - XXIA**). By accommodating the increased rated capacity of 6.0 million ton the life of the mine will be reduced to 11 years and the present lease period of 2nd RML is up to 22.01.2023. Further exploration will increase the life of the mine.

This applied forest land is located in Survey of India Topo Sheet No.73 F/8 and bounded by latitude 22° 01' 45" to 22° 02' 20" north and longitude 85° 21' 30" to 85° 22' 10" east. The proposed area does not form part of any National Park, Wildlife Sanctuary or Biosphere Reserve. The land schedule of the total lease hold area has been furnished in **Annexure -VII**.

(ii) **Map showing the required forest area, boundary of adjacent forest areas on a scale 1 : 50,000**

The following maps are furnished herewith.

Sl. No	Particulars	Scale	Plate No.
01	Location Plan / Index Map	1 : 50,000	I
02	Topo Sheet Showing the Lease Area and Adjoining Lease Area within 10 KM radius.	1 : 50,000	II and II (A)
03	Lease Map	1 : 4,000	III
04	Existing land use & Broken up Map	1 : 4,000	IV
05	Proposed land use map	1 : 4,000	V
06	Geological Plan	1 : 2,000	VI
07	Safety Zone Plan	1 : 4,000	VII
08	Phased Reclamation Plan	1 : 4,000	VIII
09	Method of Reclamation	Not to Scale	IX
10	Map Showing Non Forest Land identified in village - Narsinghpur for Compensatory Afforestation.	1 : 4000	X
11	DGSP Survey Map of the Mining Lease Area by ORSAC.	1 : 5000	XI



(iii) **Cost of the Project**

The total cost of this Project is Rs.24.00 Crores, detailed calculation of which has been furnished below.

a.	Development of Infrastructure ...	Rs. 5.39 Crores
b.	Machineries ...	Rs.10.00 Crores
c.	Operational charges ...	Rs. 1.50 Crores
d.	Payment of NPV & Other deposits with Forest Department for 44.109 Ha. ...	<u>Rs 7.11 Crores</u>

Total ... Rs. 24.00 Crores

(iv) **Justification for locating the Project in forest area**

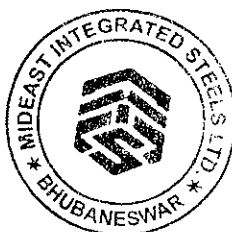
Mining proposals are site specific and based on the lease granted by the State Govt. The total mining lease area granted by State Government is 104.680 ha. In the earlier proposal we have applied for diversion of forest land 96.099 ha leaving aside 8.581 ha for safety zone. However forest clearance was received for 51.99 ha. As per approved Scheme of Mining by I.B.M. the present Geological reserve is 67.8 million tons which includes proved, probable and possible category and the present rated production capacity is 3 MTPA. To cater the requirement of Steel Plant which is under expansion, the production capacity of mines has to be increased from 3.0 MTPA to 6.0 MTPA. Accordingly new facilities like higher capacity crushers, Conveyor System for disposal of Iron Ore including other infrastructures have to be created. Further during the current lease period of 20 years, the forest land involved in the lease is required to be explored fully. Hence, diversion of only 51.99 ha of forest land (broken 23.393 ha and virgin 28.597 ha) granted by MoEF vide their letter Dt.19.02.2008 will not fulfill our need. Therefore, the virgin forest land of 44.109 ha is absolutely required to be diverted where more exploration can be made to increase the life of this mine and meet the required quantity of ore. In view of the above, this additional proposal is submitted for diversion of 44.109 ha of virgin forest land as per MoEF letter Dt. 09.03.2006. **(Annexure - IV A)**

(v) **Cost Benefit analysis**

The Cost Benefit analysis has been furnished at **Annexure - XXII (B)**.

(vi) **Employment likely to be generated**

This proposal will generate 250 mandays per day and in an average 5,000 population will be benefited directly and indirectly.

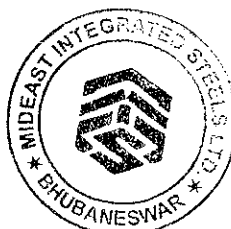


2. **Purpose-wise break-up of the total land required**

The total mining lease area of this proposal is 104.68 ha. This includes 23.544 ha of broken and 81.136 ha of virgin forest land. MoEF vide their letter Dt.4.1.2006 had granted Stage-I approval for diversion of 51.999 ha leaving aside 8.581 ha as safety zone. In this proposal we apply for diversion of 44.109 ha virgin forest land in-addition to the forest land granted by MoEF in Stage-I approval. The item wise break up of total land required is furnished below.

Proposed Land Use Pattern

Sl.No.	Pattern of Utilisation	Already Granted by MOEF	Presently applied for Diversion	Total Area
		Forest Area (51.99 Ha)	Forest Area (44.109 Ha)	Forest Area (104.680 Ha)
01	Mining operation	36.8000	28.9606	65.7606
02	Storing of minerals including fines.	0.960	2.996	3.956
03	Dumping of overburden	12.639	3.3729	16.0119
04	Storing of tools & machinery, Fuel station.	-	0.734	0.734
05	Construction of Roads /weigh bridge and check gate	1.478	4.1707	5.6487
06	Office Complex, Canteen.	-	0.9059	0.9059
07	Construction of Crusher House, Screen Plant	-	1.4275	1.4275
08	Construction of Conveyor Belt.	-	0.9717	0.9717
09	Magazine.	0.113	-	0.113
10	Storing of Top soil.	-	0.4191	0.4191
11	Transmission line, Substation & Distribution System.	-	0.1506	0.1506
	Sub total	51.990	44.109	96.099
	Safety Zone	8.581	-	8.581
	Grand Total	60.571	44.109	104.680



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 Chief Engineer, Bhubaneswar

3. **Details of displacement of people due to this Project, if any**

No displacement of village is involved in this proposal.

- (I) number of families ... Nil
- (ii) Number of S.C. / S.T. families ... Nil
- (iii) Rehabilitation Plan (to be enclosed) Not required.

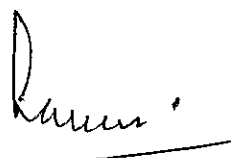
4. **Whether clearance under Environment (Protection) Act, 1986 Required**

The Environmental Clearance as per the EP Act 1996 for production of 3 MTPA has already been received from MoEF vide letter No J-11015/456/2007-IA.II(M) dated 6th Sep 2010 (**Annexure - IXA**). The Consent Order No 599 for production of 3.0 MTPA iron ore has been granted by State Pollution Control Board vide letter No 13334/IND-I-CON-1702 dated. 11.08.2011 (**Annexure - IXB**). The Terms of Reference (TOR) for enhancement of production upto 6.0 MTPA has also been issued by MoEF vide letter No J-11015/57/2011-IA.II(M) dated 20th May 2011. (**Annexure - XXIA**).

5. **Undertaking to bear the cost of raising and maintenance of Compensatory afforestation and / or Penal Comp. Affn. as well as cost for protection and regeneration of Safety Zone etc. as per the scheme prepared by the State Govt. (undertaking to be enclosed)**

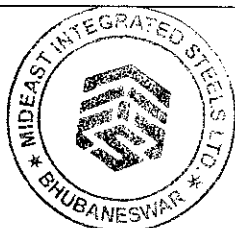
Undertaking enclosed at **Annexure No. XV.**




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

SL No	Particulars	Annexure No	Page
1	Form A (Part - I)		
2	Copy of the Govt. of Odisha, Mining & Geology Department grant order dated 23.08.1984 for 1st Renewal of Mining Lease (23.01.1983 to 22.01.2003)	I	
3	Copy of the Mining Lease Deed (1st Renewal)	II	
4	Transfer of Mining Lease approval letter Govt. of India, Ministry of Mines dated 20 th May 1996.	II (A)	
5	Transfer of Mining Lease, copy of the Proceeding dated 30.08.1996 Govt. of Odisha, Dept of Steel and Mines.	III	
6	Deed of Transfer of Mining Lease	III (A)	
7	Copy of the Application for 2 nd Renewal of the Mining Lease for the period from 23.01.2003 to 22.01.2023 (Form "J").	III (B)	
8	Receipt Copy of the 2nd RML application dated 25.11.2002 (for the period from 23.01.2003 to 22.01.2023) (Form "D")	III (C)	
9	Delay in filling the 2 nd RML has been condoned by the State Government vide Letter No 7539 Dated 28.07.2005	III (D)	
10	Copy of the Stage-I approval letter of Govt. of India, Ministry of Environment & Forest F. No 8-106/2005-FC dated 4th Jan 2006.	IV	
11	Copy of the Government of India, MoEF Letter to State Government for filling of fresh diversion proposal for 44.109 ha of Forest Land vide F. No. 8-106/2005-FC dated 9 th March 2006.	IV (A)	
12	Copy of the Govt. of India, Ministry of Environment & Forest Letter to the User Agency to file fresh Diversion Proposal for the remaining area of 44.109 Ha vide F. No. 8/106/2005-FC dated 18 th July 2006.	IV (B)	
13	Copy of Stage II Approval Letter of Govt. of India, MoEF vide F. No 8-106/2005-FC, dated 19 th Feb 2008.	V	



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14	Compliance to conditions stipulated in Stage II Forest Clearance No 8-106/2005-FC dated 19.02.2008 of Government of India, MoEF.	V A	
15	Copy of the Letter of the Divisional Forest Officer, Keonjhar certifying Demarcation of the Lease Boundary with 64 nos RCC pillars of size 4' x 1' x 1' above the ground level.	VI	
16	Land Schedule of the Mining Lease Area.	VII	
17	Boundary Description of the Mining Lease Area.	VII (A)	
18	Surface right for operation of the Mining Lease Area.	VII (B)	
19	Mining Scheme and Progressing Mines Closer Plan for production of Iron Ore 3.0 MTPA.	VIII	Enclosed Separately.
20	Acknowledgement Letter from IBM regarding submission of Revised Mining Plan for Production of 6 MTPA.	VIII (A)	
21	Proceedings of Public Hearing in respect of Environmental Assessment for enhancement of production of Iron Ore from 0.5 MTPA to 3.0 MTPA.	IX	
22	Environmental Clearance for enhancement of production of iron ore to 3.0 million TPA vide Letter No. J-11015/456/2007-IA.II(M) Government of India, MoEF dated 6 th Sep 2010.	IX (A)	
23	Consent Order of State Pollution Control Board, Odisha for production of Iron Ore 3.0 MTPA vide Letter No 6198/IND-I-CON-1702 dated 31.03.12.	IX (B)	
24	Phased Reclamation Plan.	X	
25	Allotment of 44.109 ha non-forest Government land for Compensatory Afforestation by Collector, Keonjhar vide letter No. 3197/Rev/ dated 26.11.07.	XI	
26	Site Specific Scheme for Compensatory Afforestation.	XII	
27	Land Suitability Certificate of the Non-forest land.	XIII	



28	Certificate Regarding Compliance of Scheduled Tribes & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 for diversion of Forest Land measuring 44.109 ha.	XIV	
29	Undertaking by the User Agency	XV	
30	Power of Attorney	XVI	
31	Memorandum and Article of Association	XVII	
32	Letter from NESCO regarding supply of power to Mideast Integrated Steels Ltd (Roida-I Iron Ore Mines)	XVIII	
33	Brief Profile of the Lessee.	XIX	
34	Basic Information for Proposals Under Forest (Conservation) Act, 1980.	XX	
35	District Profile for Proposal Under Forest (Conservation) Act, 1980.	XX (A)	
36	State Profile for Proposals Under Forest (Conservation) Act, 1980.	XX (B)	
37	Abstract of trees enumeration.	XXI	
38	Terms of Reference for production of 6.0 MTPA Iron ore.	XXI (A)	
39	Approval of Site Specific Wildlife Conservation Plan.	XXI (B)	
40	Parameters for Evaluation of Benefit not withstanding loss of Forest	XXII	
41	Parameters for Evaluation of Loss of Forest.	XXII (A)	
42	Cost Benefit Analysis.	XXII (B)	

Date.....



Place

Signature

Lt. Col. S. S. Naik
(Name in Block Letters)
Chief General Manager

Authorised Signatory
Mideast Integrated Steels Ltd.
Designation

Address of User Agency

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