

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE) &
CHIEF WILDLIFE WARDEN, ODISHA, BHUBANESWAR

Memo No. 3305/1 WL(C) SSP-325/2012
Dated, Bhubaneswar, the 4th May, 2012

To

The Chief Conservator of Forests,
Forest Diversion & Nodal Officer, F.C. Act,
O/o the Principal Chief Conservator of Forests, Odisha,
Bhubaneswar

Sub:

Approval of Site Specific Wildlife Conservation Plan of Gandhamardan-A
Iron Ore Mining Project of M/s OMC Ltd. located in village(s) Daonra,
Suakati, Tehsil-Telkoi, Dist.-Keonjhar

I am directed to inform you that the Site Specific Wildlife Conservation Plan
of Gandhamardan-A Iron Ore Mining Project of M/s OMC Ltd. located in village(s) Daonra,
Suakati, Tehsil-Telkoi, Dist.-Keonjhar has been approved by the Principal Chief Conservator
of Forests (WL) & Chief Wildlife Warden, Odisha with financial forecast of ₹629.83 lakh for
the following activities.

- | | |
|--|---------------------|
| 1. For activities to be implemented by M/s
OMC Ltd. in project area - | ₹113.14 lakh |
| 2. For activities to be implemented by the DFO,
Keonjhar Divn. in project impact area - | ₹516.69 lakh |
| TOTAL: | ₹629.83 lakh |

Various activities in the lease hold area will be executed by the User Agency
under the guidance of the Divisional Forest Officer, Keonjhar Divn. A sum of ₹516.69 lakh
may be deposited with the Divisional Forest Officer, Keonjhar Divn. under CAMPA for
implementation of various activities within the project impact area. The User Agency may be
advised to note the following conditions for future compliance.

1. The plan at the instance of the forest department may be reviewed/revised during the
course of implementation, if the same is warranted for the unforeseen/unavoidable
reasons and the same will be accepted and followed by the User Agency & financial
implications will be born by it..
2. The project proponent has to prepare and submit the Conservation Plan for the next 10
years of their lease period (balance period for which forest land remains diverted) at least
one year before the expiry of the present Conservation Plan and deposit the outlay
amount upon its approval. In case of delay, the project operation will be automatically
stopped.

Encl: Two nos. of approved site specific WL Conservation Plan


Conservator of Forests (WL)

P.T.O.

Memo No. 3306 /date 4/5/12

Copy forwarded to the Divisional Forest Officer, Keonjhar Division for information and necessary action with reference to memo No.1351 dt 22.3.2012 of the Regional Chief Conservator of Forests, Rourkela Circle.

Encl: One no. of approved site specific WL Conservation Plan


Conservator of Forests (WL)

Memo No. 3307 /date 4/5/12


Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle for information and necessary action with reference to his memo No.1350 dt 22.3.2012.


Conservator of Forests (WL)

Memo No. 3308 /date 4/5/12

Copy forwarded to the Manager (Geo) F&E, the Odisha Mining Corporation Ltd., OMC House, Bhubaneswar-751001 for information and necessary action.

Encl: One no. of approved site specific WL Conservation Plan


Conservator of Forests (WL)

Annexure-A


ANNUAL PLAN OF OPERATION AND SCHEDULE OF OPERATIONS FOR THE PLAN PERIOD (YEAR WISE) ALONG WITH PHYSICAL AND FINANCIAL REQUIREMENTS (CORE ZONE-TO BE EXECUTED BY THE LEASEE)

Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	<u>1st Year</u>				
Sl. No.1	Protection of habitat in the core zone	a) Training of 5 member Watch & ward squad at the Range Headquarter	5 member sward	5,000.00	
		b) Cost of uniforms, utility kits, mobile phones one set & recharge voucher, torch light battery for 12 months of 5 member squad	5 member sward	50,000.00	
		c) Wages of 5 members Watch & Ward squad	5 member sward	225,000.00	280,000.00
Sl. No.2	Restoration of forest cover in the habitat though block plantation in the back filled area and ANR practices in the blanks and plantation along the roads avenue and crusher sites.	a) Raising Nursery stock for mixed plantation, ANR plantation in blanks and avenue plantation	35.5 ha. mixed palm 8.5 ha. ANR plantation in blank area and 1000 sapling for avenue etc.	507,000.00	
		b) preplanting operation such as site preparation, alignment stacking, pitting, regeneration clearing in case of ANR plantation	35.5 ha. mixed palm 8.5 ha. ANR plantation in blank area and 1000 sapling for avenue etc.	326,000.00	833,000.00
Sl. No.3	Soil and Moisture Conservation Measure	Construction of check dams across the seasonal nalas in the lease area	20 nos.	268,000.00	
Sl. No.4	Prevention of entry of elephants in to the mining site	Excavation of elephant proof trench	2 KM	600,000.00	268,000.00
		Total		1,981,000.00	1,981,000.00


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 GENERAL MANAGER
 MEMBER OF ATTORNEY HOLDER
 ISSA MINING CORPORATION LTD.
 BHUBANESWAR


Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	2nd year				
Sl. No.1	Protection of habitat in the core zone	Wages of 5 member protection squad for one year and cost of mobile recharge vouchers and torch light battery	Wages of 5 Watcher etc. for one year	240,000.00	
Sl.No.2	Restoration of forest cover of the habitat	Planting and post planting operations for 35.5 ha. block plantation, 8.5 ha. of ANR plantation as per annexure-A(ii) & ANR plantation and B(III) and planting up 1000 seedlings along the roads and avenues.	35.5 ha. block plantation, 8.5 ha. of ANR plantation and 1000 nos. of seedlings	716,000.00	240,000.00
Sl.No.3	Soil and water conservation measures	a) Construction of catch water drains around the over burden dumps and around mine working b) Digging up siltation pond at different strategic points of the lease area c) Excavation of settling tanks to be connected to garland drains d) Construction of garland drains around the over burden dumps e) Construction of masonry retaining wall around the OB dumps and on the down hill side of roads f) Turfing the slopes of over burden dumps g) Digging of stagguard trenches	2500 rmt 5 nos. 2 nos. 200 rmt 200 rmt 2000 sqm	37,500.00 30,000.00 17,100.00 10,000.00 1,016,000.00 18,000.00	716,000.00
Sl.No.4	Prevention of entry of elephants in to the mining	Errction of photovoltaic fencing around the mouth of mining pits	100 ha. (2000 nos.) 300 rmt	100,000.00 99,000.00	1,228,600.00 99,000.00
		Total		2,283,600.00	2,283,600.00


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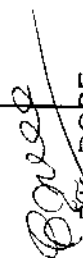
Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	<u>3rd year</u>				
Sl. No.1	Protection of babitat in the core zone	Wages of 5 member Watch & Ward squad, cost of battery and recharge voucher of mobile phones etc.	5 watchers	250,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone (Annexure-II)	a) 2nd year maintenance of 35.5 ha. block plantation b) 2nd year maintenance of 8.5 ha. of ANR plantation c) 2nd year maintenance of 1000 nos. of seedlings planted in avenue, roads etc.	35.5 ha. 8.5 ha. 1000 nos.	172,000.00 55,000.00 5,000.00	250,000.00
Sl. No.3	Soil and moisture conservation measure	a) Digging up siltation ponds at different strategic points of lease area b) Contruction of garland drains around the over burden dumps c) Construction of masonry retaining wall around OB dumps and on the down hill side of roads d) Turfing the slopes of OB dumps e) Digging up staggard trenches	5 nos. 100 rmt 100 rmt 2000 sqm 100 ha. (2000 nos.)	30,000.00 5,000.00 508,000.00 18,000.00 100,000.00	232,000.00
Sl. No.4	Prevention of entry of elephants in to the mining pits	Errection of photo voltaic fencing around the mining pits	300 rmt	99,000.00	99,000.00
		Total		1,242,000.00	1,242,000.00


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Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	<u>4th year</u>				
Sl. No.1	Protection of habitat in the core zone	Wages of 5 member Watch & ward squad for one year and cost of mobile phone recharge vouchers and torch light battery etc. for 12 months.	5 Watchers	250,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone	a) 3rd year maintenance of block plantation b) 3rd year maintenance of ANR plantation c) 3rd year maintenance of 1000 saplings planted along the roads and avenues and crusher site of the lease area	35.5 ha. 8.8 ha. 1000 nos.	100,000.00 42,000.00 5,000.00	250,000.00
Sl.No.3	Soil and moisture conservation measure	a) Maintenance of 20 nos. of masonry check dams constructed during 1st year b) Maintenance of 2500 rmt of catch water drains where ever necessary c) Digging up 05 nos. of siltation pond at different points of lease area as per mining plan. d) Construction of garland drains around of the OB dumps over e) constuction of masonry retaining walls around OB dumps and on the down hill side over burden dumps. f) Turfing the slopes of over burden dumps g) Digging up staggard trench over 100 ha. of unutilised forest in the lease area.	20 nos. 2500 rmt 05 nos. 100 rmt 100 rmt 2000 sqm 100 ha. (2000 nos.)	40,000.00 9,375.00 30,000.00 5,000.00 508,000.00 18,000.00 100,000.00	147,000.00 710,375.00
Sl. No.4	Prevention of entry of elephants in to the mining pits.	Erection of photovoltaic fencing around the face of the mining sites	300 rmt	99,000.00	99,000.00
		Total		1,206,375.00	1,206,375.00


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Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
Sl. No.1	5th year protection of habitat in the core zone	Wages of 5 member watch & ward squad and cost of mobile recharge voucher and torch light battery for one year	05 Watcher	260,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone (Annexure-A-II (a), B-II)	a) 4th year maintenance of block plantation b) 4th year maintenance of ANR plantation c) Maintenance of 1000 nos. of seedlings planted along the roads, avenues & crusher sites.	35.5. ha. 8.5 ha. 1000 nos.	150,000.00	260,000.00
Sl.No.3	Soil and moisture conservation measures.	a) Maintenance of 20 nos. of check dams as per annexure A II where ever necessary. b) Construction of masonry retaining walls around the OB dumps and on the down hill side of roads where ever necessary c) Grass turfing along the slopes of over burden dumps where required d) Digging up staggard trench over another 100 ha. unutilised forest area of the lease.	20 nos. 100 rmt 2000 sqm 100 ha.	25,100.00 520,000.00 20,000.00 100,000.00	150,000.00 665,100.00
Sl. No.4	Prevention of entry of elephants in to the mining pits	Erection of photo voltaic fencing over 100rmt	100rmt	33,000.00	33,000.00
		Total		1,108,100.00	1,108,100.00


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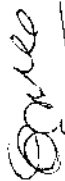
Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	6th year				
Sl. No.1	protection of habitat in the core zone	a) Wages of 5 member watch and ward squad and cost of mobile phone recharge vouchers and torch light battery for one year. b) Supply 2nd set of utility kits, uniforms etc.	5 member squad	300,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone (Annexure-A-II (a), B-III)	a) 5th year maintenance of block plantation and tending operations like pruning climber cutting etc. b) 5th year maintenance of ANR plantation and tending operation such as pruning climber cutting etc. where required in the regeneration cleaning area c) Maintenance of 1000 nos of saplings planted along avenues, roads and crushers sites etc.	35.5ha 8.5 ha.	25,000.00 160,000.00	325,000.00
Sl.No.3	Soil and moisture conservation measure	a) Construction of masonry check dam on the down hill side of roads and extraction paths and around the OB dumps where necessary b) Grass turving along the slopes of OB dumps	100mt 2000sqm	550,000.00 22,000.00	572,000.00
		Total		1,057,000.00	1,057,000.00


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Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	7th year				
Sl. No.1	protection of habitat in the core zone	Wages of 5 member watch & ward squad and cost of supply of mobile phone recharge vouchers and torch light battery for 12 months	5 nos	330,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone.	Weeding, climber cutting pruning, staggered trenching for moisture conservation where necessary over 35.5 ha of block plantation and 8.5 ha of ANR plantation	44 ha	109,000.00	330,000.00
Sl.No.3	Soil and moisture conservation measure	a) Digging up siltation ponds at strategic sites of lease area. b) Construction of garland drains around the OB dumps c) Construction of masonry retaining wall on the down hill side of roads and extraction paths where necessary. d) Grass turbing on the over burden dumps	5 nos. 100rmt 100rmt 1000sqm	30,000.00 5,000.00 550,000.00	109,000.00
Sl. No.4	Prevention of entry of elephants into the mining pits	Shifting and maintenance of photo voltaic fencing erected previously where ever necessary in the mining lease area around the new pits	20,000	12,000.00 20,000.00	597,000.00
		Total		1,056,000.00	1,056,000.00
	8th year				
Sl. No.1	protection of habitat in the core zone	Wages of 5 member watch and ward squad and supply of mobile phone recharge vouchers and torch light battery etc. for 12 months	5 nos	330,000.00	
Sl. No.3	Soil and moisture conservation measure	Grass turbing on the over burden dumps.	500sqm	6,000.00	330,000.00
		Total		336,000.00	336,000.00


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Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in Rs.	Year wise total Rs.
	9th year				
Sl. No.1	protection of habitat in the core zone	Wages of 05 member watch and ward squad and cost of supply of mobile phone recharge vouchers and torch light battery for 12 month	5 nos	330,000.00	330,000.00
Sl. No.2	Soil and moisture conservation measure	a) Construction of garland drain across the OB dumps where necessary. b) Construction of masonry check dams on the down hill side of roads and extraction paths where necessary as per size and requirement.	100mt 100rmt	5,000.00 386,925.00	
		Total		721,925.00	391,925.00 721,925.00
	10th year				
Sl. No.1	protection of habitat in the core zone	Wages of 5 member watch and ward squad and supply of mobile phone recharge vouchers and torch light battery etc. for 12 months	5 nos	322,000.00	322,000.00
		Total			322,000.00
		Grand Total			11,314,000.00


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Annexure - B


ABSTRACTS OF YEAR WISE FINANCIAL FORE CAST ON DIFFERENT ITEMS OF WORK IN THE CORE ZONE (TO BE EXECUTED BY THE LEASEE)

Sl. No. of financial forecast	Annexure	Particulars of work to be done	1st year (Amount in Rs.)	2nd year (Amount in Rs.)	3rd year (Amount in Rs.)	4th year (Amount in Rs.)	5th year (Amount in Rs.)	6th year (Amount in Rs.)	7th year (Amount in Rs.)	8th year (Amount in Rs.)	9th year (Amount in Rs.)	10th year (Amount in Rs.)	Total (Amount in Rs.)
Sl. No.1	A(I)	Training, cost of uniforms, utility kits and wages of 05 watchers for 10 years for protection of habitat in the core zone	280,000	240,000	250,000	250,000	260,000	325,000	330,000	330,000	330,000	322,000	2,917,000
Sl. No.2	A(II)	Raising 35.54ha black plantation in the backfilled area, 8.5ha ANR Plantation in the safety zone area and planting 1000 nos of seedlings along the roads avenues etc of the lease area.	833,000	716,000	232,000	147,000	150,000	160,000	109,000				2,347,000
Sl. No.3	A(III) (i)	Construction of check dams across the nalas in the catchment areas as soil and moisture conservation measure totalling to 20 nos and maintenance for 2 years	268,000	1,228,600	661,000	710,375	665,100	572,000	597,000	6,000	391,925		5,100,000
	II (a)	Construction of catch water drains around the overburden dumps and around mine working over 2500 rmt.											
	(b)	Digging of siltation pond at different points of lease area totalling to 20 nos.											
	III (a)	Construction of garland drain around the over burden dumps over 600 rmt											
	III(b)	Excavation of 02nos of settling tanks to be connected to garland drains											

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Sl. No. of financial forecast	Annexure	Particulars of work to be done	1st year (Amount in Rs.)	2nd year (Amount in Rs.)	3rd year (Amount in Rs.)	4th year (Amount in Rs.)	5th year (Amount in Rs.)	6th year (Amount in Rs.)	7th year (Amount in Rs.)	8th year (Amount in Rs.)	9th year (Amount in Rs.)	10th year (Amount in Rs.)	Total (Amount in Rs.)
	IV	Construction of masonry retaining walls around OB dumps and down hill side of roads over a length of 800rmt											
	V	Grass turfing along the slopes of OB dumps											
	VI	Digging up staggard trench over 400 ha of forested lease area as soil and moisture conservation measure.											
Sl. No.4	A(IV)	Excavation of elephant proof trench over 2km and photo voltaic fencing over 1 km around the mining pits	600,000	99,000	99,000	99,000	33,000		20,000				950,000
	Total		1,981,000	2,283,600	1,242,000	1,206,375	1,108,100	1,057,000	1,056,000	336,000	721,925	322,000	11,314,000

RS. 11,314,000/- (Rupees One crore thirteen lacs fourteen thousand) only


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