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

Memo No 325/2012 Dated, Bhubaneswar, the May, 2012

To

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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 Candhamardan-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.

Seen.

1. For activities to be implemented by M/s.

₹113.14 lakh

OMC Ltd. in project area -

For activities to be implemented by the DFO,

₹516.69 lakh

Keonjhar Divn. in project impact area -

Confiding to Stope Tot polato.

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	. 3386 /date (	15/12	
Copy for	warded to the Divisional	Forest Officer	Keonihan Dini a
information and necessa	ry action with reference	to more N. 13	Reonfinar Division for
Regional Chief Conserva	tor of Forests, Rourkela Ci	to memo No.13	31 dt 22.3.2012 of the
Encl: One no of appro	ved site are is aver a	rcie;	
o no not or appro-	ved site specific WL Cons	servation Plan	
		Conse	rvator of Forests (WL)
Memo No	30 3307 /date 4	15/12	
Copy forw	varded to the Regional C	hief Conservate	or of Forests Rourkele
Circle for information a	and necessary action with	reference to	his work to a real factor of the second of t
22.3.2012.		a reference (0	ins memo No.1350 dt
	•	Conse	rvator of Forests (WL)
Memo No.	3308 /date U	115/12	
Copy forwa	arded to the Manager (Geo	) F&E, the Odis	the Mining Co.
Ltd., OMC House, Bhubar	ieswar-751001 for informa	tion and	ona winning Corporation
Encl: One no of annual	ad hit	uon and necessa	ry action.
Encl: One no. of approv	ed site specific WL Cons	ervation Plan	. (1)
	•		\st
		Conser	vator of Forests (WL)
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ANNUA	ANNITAL PLAN OF OPERATION AND SCHEDILLE	Annexure-A	Company of Change of Chang		:::::::::::::::::::::::::::::::::::::::
	REQUIR	REQUIREMENTS (CORE ZONE-TO BE EXECUTED BY THE LEASEE)	(TEAK WISE) ALOING BY THE LEASEE)	WITH PHYSICAL AN	UD FINANCIAL
Sl. No. of financial forecast	Particulars of activities	Schedule of operations	Physical target in Ha/No.	Financial involvement in	Year wise total Rs.
	1st Year			2	:
SI. No.1	Protection of habitat in the core zone a) Training of 5 member Watch & ward squad at the Range Headqua	a) Training of 5 member Watch & ward squad at the Range Headquater	5 member squard	5,000.00	
		b) Cost of uniforms, utility kits, mobile phones one set & recharge voucher, torch light bettery for 12 months of 5 member squad	5 member squard	50,000.00	
		c) Wages of 5 members Watch & Ward squad	5 member squard	225,000.00	280,000.00
SI. 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 paln 8.5 ha. ANR plantation in blank area and 1,000 sapling for avenue etc.	507,000.00	
		b) preplanting operation such as site preparation, aligment stacking, pitting, regeneration clearing in case of ANR plantation	35.5 ha. mixed paln 8.5 ha. ANR plantation in blank area and 1000 sapling for avenue	326,000.00	33 000 00
R (SIST) No.3 HOLDER HOLDER	Soil and Moisture Conservation Measure	Construction of check dams across the 20 nos. seasonal nalas in the lease area	20 nos.	268,000.00	268.000.00
SI.No.4	Prevention of entry of elephants in to the mining site	to Excavation of elephant proof trench	2 KM	600,000.00	600,000.00
		Fotal		1,981,000.00	1,981,000.00

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Sl. No. of	Particulars of activities	Schedule of operations	Physical target in	Financial	Year wise
financial			Ha/No.	involvement in	total Rs.
	2nd year				
SI. No.1	Protection of habitat in the core zone	Wages of 5 member protection squad Wages of 5 Watcher for one year and cost of mobile etc. for one year rechage vouchers and torch light battry	Wages of 5 Watcher etc. for one year	240,000.00	240.000.00
SI.No.2	Restoration of forest cover of the habitat	Planting and post planting operations 35.5 ha. block for 35.5 ha. block plantation, 8.5 ha. of plantion, 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 plantion, 8.5 ha. of ANR plantation and 1000 nos. of seedlings	716,000.00	
					716,000.00
SI.No.3	Soil and water conservation measures	<ul> <li>a) Construction of catch water drains around the over burder dumps and arround mine working</li> </ul>	2500 rmt	37,500.00	•••
		<ul> <li>b) Digging up siltation pond at different strategic points of the lease area</li> </ul>	5 nos.	30,000.00	
		c) Excavation of settling tanks to be connected to garland drains	2 nos.	17,100.00	
		d) Constuction of garland drains around the over burden dumps	200 rmt	10,000.00	
		e) Contruction of masonary retaining wall aound the OB dumps and on the down hill side of roads	200 rmt	1,016,000.00	
				· • • • • • • • • • • • • • • • • • • •	
		f) Turfing the slopes of over burden dumps	2000 sqm	18,000.00	-
		g) Digging of staggard trenches	100 ha. (2000 nos.)	100,000.00	1,228,600.00
Sl.No.4	Prevention of entry of elephants in to	Errection of photovoltaic fencing	300 rmt	00.000,66	00 000 00
1		and an empore of the mining pics			00.000,65
1		lotal		2,283,600.00	2,283,600.00

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SI. No. of	Particulars of activities	Schedule of operations	Dhuciral target in	Linancial	Variation
financial			Ha/No	involvement in	tear wise
forecast				Re	colai ns.
	3rd year				
Sl. No.1	Protection of babitat in the core zone	Protection of babitat in the core zone Wages of 5 member Watch & Ward squad,	5 watchers	250,000.00	
		cost of battery and recharge voucher of			
		mobile phones etc.			250.000.00
SI. No.2	Restoration of forest cover of the	a) 2nd year maintanance of 35.5 ha. block	35.5 ha.	172.000.00	
	habitat in the core zone (Annexure-II) plantation	plantation			
		b) 2nd year maintenance of 8.5 ha. of ANR	8.5 ha.	55.000.00	
-		plantation			
		c) 2nd year maintenance of 1000 nos. of	1000 nos.	5,000.00	
į		seedlings planted in avenue, roads etc.			232.000.00
Sl. No.3	Soil and moisture conservation	a) Digging up siltation ponds at different	5 nos.	30,000.00	
_	measure	strategic points of lease area			
		b) Contruction of garland drains around the	100 rmt	5,000.00	
		over burden dumps			.,
		c) Construction of masonary retaining wall	100 rmt	508,000.00	-
		around OB dumps and on the down hill side			
		of roads			
		d) Turfing the slopes of OB dumps	2000 sqm	18,000.00	
		e) Digging up staggard trenches	100 ha. (2000 nos.)	100,000.00	661,000.00
Sl. No.4	Prevention of entry of elephants in to	Prevention of entry of elephants in to Errection of photo voltaic fencing arround	300 rmt	00.000,66	
	the mining pits	the mining pits			00.000,66
		Total		1,242,000.00	1,242,000.00

DY. GENERAL MANAGER (GEO)
POWER OF ATTOENEY HOLDER
ORISSAIANING CE PERATION LTD.
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Si. No. of	Particulars of activities	Schedule of operations	Physical target in	Financial	Year wise
financial			Ha/No.	involvement in	total Rs.
forecast				Rs.	
	4th year				
Sl. No.1	Protection of habitat in the core zone	Protection of habitat in the core zone Wages of 5 member Watch & ward squad	5 Watchers	250,000.00	
		for one year and cost of mobile phone			
		etc. for 12 months.			250,000.00
SI. No.2	ver of the	a) 3rd year maintenance of block plantation	35.5 ha.	100,000.00	:
	habitat in the core zone				
		b) 3rd year maintenance of ANR plantation	8.8 ha.	42,000.00	
	_	c) 3rd year maintenance of 1000 saplings	1000 nos.	5,000.00	
		planted along the roads and avenues and			
		crusher site of the lease area			147,000.00
SI.No.3	Soil and maisture conservation	a) Maintenance of 20 nos. of masonary	20 nos.	40,000.00	· •/
	measure	check dams constructed during 1st year			
		b) Maintenancer of 2500 rmt of catch water	2500 rmt	9,375.00	
		drains where ever necessary			
		c) Digging up 05 nos. of siltation pond at	05 nos.	30,000.00	
		different points of lease area asper mining			
		plan.			
		d) Construction of garland drains around of	100 rmt	5,000.00	
\		the OB dumps over			
<del></del>	-	e) constuction of masonary retaining walls	100 rmt	508,000.00	
u.		around OB dumps and on the down hill side			
POER (GEO)		over burden dumps.			
KEYHOLDER		f) Turfing the slopes of over burden dumps	2000 sqm	18,000.00	
SORBANONENS:					
<u>.</u>		g) Digging up staggard trench over 100 ha. of 100 ha. (2000 nos.)	100 ha. (2000 nos.)	100,000.00	
	The state of the s	unutilised forest in the lease area.			710,375.00
SI. No.4	Prevention of entry of elephants in to	Prevention of entry of elephants in to Errection of photovoltaic fencing around the	300 rmt	99,000.00	<del></del>
	the mining pits.	face of the mining sites			99,000.00
		Total	1	1,206,375.00	1,206,375.00
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SI. No. of	f Particulars of activities	Schedule of operations	Physical target in	Financial	Year wise
forecast			Ha/No.	involvement in	total Rs.
ļ	5th year			123	
SI. No.1	protection of habitat in the core zone	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-III)	a) 4th year maintenance of block plantation	35.5. ha.	150,000.00	260,000.00
		b) 4th year maintenance of ANR plantation	8.5 ha.		
		c) Maintanance of 1000 nos. of seedlings planted along the roads, avenues & crusher sites.	1000 nos.	<u> </u>	r 0 0
SI.No.3	Soil and moisture conservation measures.	a) Maintenance of 20 nos. of check dams as per annexure A III where ever necessary.	20 nos.	25,100.00	00,000,005
ε		b) Construction of masonary retaining walls around the OB dumps and on the down hill side of roads where ever necessary	100 rmt	520,000.00	
SE (GER (GEO)		c) Grass turfing along the slopes of over burden dumps where required	2000 sqm	20,000.00	<u>'</u>
SY HOLDER SATIONLTD. MAR		d) Digging up staggard trench over another 100 ha. unutilised forest area of the lease.	100 ha.	100,000.00	
SI. No.4	Prevention of entry of elephants in to Erection of photo voltaic fencing over the mining pits 100rmt		100rmt	33,000.00	33,000,00
		Total		1.108.100.00	1.108,100,00

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S.	Sl. No. of	Particulars of activities	Schedule of operations	Physical target in	Financial	Voor wico
- th	financial		-	Ha/No.	involvement in	total Re
for	forecast	· ·			Rs.	iolai ns.
-		<b>6thyear</b>	The country of the co			
<u></u>	Sl. No.1	protection of habitat in the core zone	a) Wages of 5 member watch and ward	5 member squad	300,000.00	
			vouchers and torch light battery for one year.			
			b)Supply 2nd set of utility kits, uniforms etc.		25,000.00	325,000.00
<u></u>	SI. No.2	Restoration of forest cover of the a) 5th habitat in the core zone (Annexure-A- and the (a), B-III)	a) 5th year maintenance of block plantation and tending operations like prunning climber cutting etc.	35.5ha	160,000.00	
			b) 5th year maintenance of ANR plantation and tending operation such as prunning climber cutting etc. where required in the regenration cleaning area	8.5 ha.		
			c) Maintenance of 1000 nos of saplings planted along avenues, roads and crushers sites etc.			160,000.00
DY, GENERAL PANAGER (9E0) POWER OF ATTOENED HOLDER	m	Soil and moisture conservation measure	a) Construction of masonary check dam on the down hill side of roads and extraction paths and around the OB dumps where necessary	100mt	550,000.00	
ORISSAMMING CT POSTCIONELDS BELIBER LOXALA	<u>.</u>		<ul><li>b) Grass turfing along the slopes of OB dumps</li></ul>	2000sqm	22,000.00	572,000.00
			Total		1,057,000.00	1,057,000.00

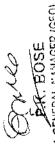
SI. No. of	Particulars of activities	Schedule of operations	Dhycical target in	Linacoia	Vocasings
financial			Ha/No	involvement in	tear Wise
forecast			,	Rs.	total ns.
	7th year				
SI. No.1	protection of habitat in the core zone	protection of habitat in the core zone Wages of 5 member watch & ward squad and cost of supply of mobile phone recharge vouchers and torch light battery for 12	5 nos	330,000.00	
Sl. No.2	Restoration of forest cover of the habitat in the core zone.	Weeding, climber cutting prunning, staggard 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
SI.No.3	Soil and moisture conservation measure	a)Digging up siltation ponds at strategic sites of lease area.	5 nos.	30,000.00	00,000,501
		b) Construction of garland drains around the OB dumps c) Construction of masonary retaining wall on the down hill side of roads and extraction	100rmt 100rmt	5,000.00	
		paths where necessary. d) Grass turfing on the over burden dumps	1000sqm	550,000.00	
SI. No.4	Prevention of entry of elephants into the mining pits	Shifting and maintenance of photo voltaic fencing errected previously where ever necessary in the mining lease area around	20,000	12,000.00	597,000.00
		the new pits			20,000.00
(039)	8th wear	Total		1,056,000.00	1,056,000.00
OUSTERNO.1	protection of habitat in the core zone	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	330.000.00
Sl. No.3	Soil and moisture conservation measure	Grass turfing on the over burden dumps.	500sqm	6,000.00	6,000.00
		Total		336,000.00	336,000.00

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



DY, GENERAL MANAGER (GEO)
POWER OF ATTORNEY HOLDER
ORISSAMININGS COPORATION LTD.
BRILDEANESWAR

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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	Annexure	Particulars of work to be done	1st year	2nd year	3rd year	Ath year	Cth year	Seh year	744 11000	0+h 200m	$\vdash$	10th 110.2	- Inter-
financial			18	1		to it is	Sell year			ori year			, , , , , , , , , , , , , , , , , , ,
forecast			(Amount in Rs.)	(Amount in Rs.)	(Amount in Rs.)	(Amount in Re.)	(Amount in Rs.)	(Amount in Re.)	(Amount	(Amount	(Amount	(Amount	(Amount in
SI. No.1	A(I)	Training, cost of uniforms, utilitity 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	1	330,000	322,000	2,917,000
Sl. No.2	A(II)	Raising 35.54ha block 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
SI. 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	000'9	391,925		5,100,000
	(e) <sub>  </sub>	Construction of catch water drains around the overburden dumps and around mine working over 2500 rmt.											
	(q)	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											
	(q) <sub>III</sub>	Excavation of 02nos of settling tanks to be connected to garland drains	<u>.</u>	**************************************							<u>.</u>	· · · · · · · · · · · · · · · · · · ·	····

DY. GENERAL MYRAGER (GEO)
POWER OF 4TTGEREN HOLDER
ORISSAMMING OF YORATION LED.

N N	CI No of Assessment												
	Willexure	rarticulars of work to be done	1st year	2nd year	3rd year	4th year	5th year	6th year	7+h 2002	0+b	18	1.00	
financial			(Amount in	(Amorina	/Amount				in year	oru year	ern year   10th year	10th year	Total
forecast					14 Illinouter	(Amount	(Amount	(Amount	(Amount	(Amount	(Amount	(Amount	(Amount   (Amount   (Amount
	┱		Rs.)	in Rs.)	in Rs.)	in Rs.1	in Re.)	in Re 1	1 0 1	1 20 1			
	≥_	Construction of masonary						i con in	12.	III RS.)	III KS.)	IN RS.	RS.)
		retainging walls around OB										٠	
_		dumps and down hill side of											
		roads over a length of 800rmt										<del></del>	
	>	Grass turfing along the slopes of	•		-				•	•			
		OB dumps											
	<u> </u>	Digging up staggard trench over						-					
		400 ha of forested lease area as	•	•					•				
		soil and moisture conservation											
		measure.		-									
SI. No.4	A(IV)	Excavation of elephant proof	600,000	99,000	000.66	000 66	33,000		000			- 	
		trench over 2km and photo				200	200/20		20,000				950,000
		voltaic fencing over 1 km around	<u>.</u>		-				•	-			
		the mining pits				-					•	•	-
	Total		1 021 000	2000 500	000 070					1			
				2,203,000	2,203,0UU 1,242,UUU 1,205,375 1,108,100 1,057,000 1,056,000	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

DY GENERAL PANAGER (GEO) POWER OF ATTORNO HOLDER ORISSAMIUNG CLEORATION LTD. BRUDANISWAR