

MINING PLAN

(Submitted under Rule 16(1) of MCR 2016)

ALONGWITH

PROGRESSIVE MINE CLOSURE PLAN

(Submitted under Rule, 23 of MCDR, 2017)



In respect of

NETRABANDHA PAHAR (WEST) BLOCK

IRON ORE OVER AN AREA OF 74.370HA LOCATED IN SOUTH OF BHALIADIHI VILLAGE
VILLAGE, KOIRA TAHASIL OF SUNDARGARH DISTRICT, ODISHA

GENERAL	LAND DETAILS		CATEGORY OF PROPOSED MINE	Validity
	FOREST	NON-FOREST		
ORE	52.056HA	22.314HA	'A' FULLY MECHANISED	50 years from date of execution

ORE BLOCK HAS BEEN ALLOTTED THROUGH AUCTION AS PER MMDR AMENDMENT ACT, 2015)

M/S. RAGA TRADECON PVT LTD

(APPLICANT)

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PART : A
Index



CHAPTER	PARTICULARS	PAGE NO.
	INTRODUCTORY NOTE	3-5
	MINING PLAN AT A GLANCE	6-7
CHAPTER 1	GENERAL INFORMATION	8-11
CHAPTER 2	GEOLOGY & EXPLORATION	12-36
CHAPTER 3	MINERAL BENEFICIATION/PROCESSING	37-39
CHAPTER 4	MINING OPERATIONS	40-50
CHAPTER 5	SUSTAINABLE MINING	51-56
CHAPTER 6	PROGRESSIVE MINE CLOUSER PLAN	57-60
CHAPTER 7	FINANCIAL ASSURANCE/ PERFORMANCE SURETY	61-63
CHAPTER 8	REVIEW OF PREVIOUS PROPOSALS	64-67
CHAPTER 9	IMPACT ASSESSMENT	68-80

INTRODUCTORY NOTE

BACKGROUND

Pursuant to the Mines and Minerals (Development and Regulation) ACT, 1957 and The Mineral (Auction) Rules, 2015, Govt of Odisha issued the notice inviting tender dated 07.07.2021 for commencement of the auction process to grant the mining lease for **Netrabandha Pahar (West) iron ore Block** located in Koira Tahasil of Sundargarh district of Odisha. The e-auction process was conducted in accordance with the tender document and the mineral auction rule, 2015 for said mineral block and **M/s Ragatradecon pvt Ltd** was declared as the **preferred Bidder under Rule 9(9) (iii) or Rule 10(A) of Auction Rules** having **quoted a final price offer of 139.50%.**

Further, **M/s Raga Tradecon pvt Ltd** has made payment of **Rs 5,84,05,424** (Rupees Five crore eighty four lakhs Five thousand Four hundred Twenty four only) through treasury challan on dated 22.10.2021 against the first installment being twenty percent of the upfront money. Accordingly, the Government of Odisha has issued letter of Intent (**copy enclosed as Annexure-III**) under Rule 10(2) of Mineral Auction Rules 2015 to **M/s Raga Tradecon pvt Ltd** for grant of Mining Lease for **Netrabandha Pahar (West) Block for iron ore over an area of 74.3700 Ha** near Baliadihi village, Koira Tahasil of Sundargarh district of Odisha for a period of 50 years.

This letter of intent is valid subject to the provision of the Act and the Rules made there under as amended from time to time and **M/s Raga Tradecon pvt Ltd** shall be designated as the **Successful Bidder** and the **subsequently granted the mining lease** only upon satisfactory completion of all the requirements under the Act and Rules made there under.

(A) M/s Raga Tradecon pvt Ltd shall be considered to be successful bidder upon

- (i) Continuing to be in compliance with all the terms and conditions of eligibility.
- (ii) Payment of second installment being twenty percent of the upfront payment.
- (iii) Furnishing an irrevocable and unconditional performance security to the state govt from an acceptable Bank and Payable at Bhubaneswar, Odisha pursuant to the Auction Rule.
- (iv) Satisfying the conditions specified in clause (b) of sub section (2) of section 5 of the Act with respect to Mining Plan.

(B) Signing of Mine Development and Production Agreement (MDPA)

M/s Raga Tradecon pvt Ltd shall sign the **Mine Development and Production Agreement (MDPA)** with the Government of Odisha upon obtaining all consents, approvals, permits, NOC and the like as may be required under applicable laws for commencement of Mining operation

(C) Grant of Mining Lease

Subsequent to signing of the **MDPA**, **M/s Raga Tradecon pvt Ltd** shall make payment of the third installment being the sixty percent of the upfront value and thereafter Government of Odisha shall grant the said Mining Lease.

Hence, it is worth mentioning here that the successful bidder i.e. **M/S Raga Tradecon Pvt. Ltd.** is required to obtain following statutory clearances for signing of **MDPA** and grant of **Mining Lease**.

Name of the statutory clearances.	Authority from which clearances to be obtained.	Status of statutory clearances
Approval of Mining Plan	Indian Bureau of Mines, GOI	It is under process for approval
Forest Clearance	Ministry of Environment and Forest, GOI	To be submitted
Environment Clearance	Ministry of Environment, Forest & Climate Change GOI	EC Application and TOR will be submitted shortly.
Surface Right	Collector, Sundargarh	After execution of the lease surface right will be granted.
Consent to Establish	State Pollution Control Board, Odisha	After getting approved mining plan, EC and FC, order from SPCB for Consent to Established will be obtained.
Consent to Operate	State Pollution Control Board, Odisha.	After getting approved mining plan, EC, FC and CTE order from SPCB for Consent to Operate will be obtained.

As part of the statutory clearance, this **Mining Plan** and **Progressive Mine Closure Plan** is prepared under **Rule 16(1) of MCR, 2016** and **Rule 23 of MCDR, 2017** respectively for a period of 5 years from the date of opening of the mine for grant of Mining Lease in favor of **M/s Raga Tradecon pvt Ltd.**

About Raga tradecon pvt Ltd

M/s Raga Tradecon Private Limited has incorporated under Company Act 1956 vide Certificate of Incorporation No. 21- 73114 on 24.07.1995. The corporate identity Number of the company is U51420MH1995PTC162317. The registered office is situated at State of Maharashtra(Mumbai) having is regd. office at 503, 5th floor, Greenland Appts, BLDG No.3, JB Nagar, Andheri East, Mumbai- 400059, Maharashtra to carry on all or any of the business as manufacturers, buyers, sellers, suppliers, traders, exporters, minerals, metals etc.

As per Section 7(1)(c), 168&170(2) of the Companies Act, 2013 read with rule 8,15 &18 of the Companies (incorporation) Rule 2014 and as per the Companies (Appointment & Qualification of the Directors) Rule, 2014 intimated in Form No. DIR-12 about the particulars of appointment of directors. The following persons are appointed as Director:

Sl.No	Name & Address	Designation
1	Sunil Ramgopal Nangalia 503, 5 th floor, Greenland Appts, BLDG No.3, JB Nagar, Andheri East, Mumbai- 400059,	Director
2	Raman Kumar Mishra 503, 5 th floor, Greenland Appts, BLDG No.3, JB Nagar, Andheri East, Mumbai- 400059,	Director

Utilization of iron ore

The company has planned to establish one beneficiation and pellet plant in Keonjhar/Sundargarh district of Odisha within a period of two year. Iron ore produced from the block will mostly be utilized in the pellet plant. The iron ore will also be utilized by conversion method in the sponge plant for which Raga trade con pvt ltd has planned to make an arrangement sponge plant. However, as per the market demand, part of the iron ore may be sold to the consumers. A detail pre-feasibility study undertaken, in which cash flow study has been undertaken. As per the cash flow study IRR is about 20%. Hence, project will be feasible.

Life of the Mines

Total estimated mineable reserve within the area is 17274072 tonnes for iron ore.

Estimated total production of ore during five year would be 3249000 tones.

Therefore, remaining reserves will be $17274072\text{MT} - 3249000\text{MT} = 14024082\text{MT}$.

Considering the production of Iron Ore @ 1000000MT per annum, life of the mine will be $14024082\text{MT} / 1000000\text{MT} = 14.02$ years say 14 years.

Therefore life of the mine will be 19 years which includes 5 year of plan period and 14 years of conceptual period. However change in the reserve figures will be there with further exploration and exploitation, by which the life of mines shall be changed by some years.



Annexure - I
MINING PLAN/ REVIEW OF MINING PLAN AT GLANCE

1	Name of the lessee	M/S Raga Tradecon Pvt. Ltd.
2	IBM Registration no.	Not obtained.
3	Address of lessee	1 st floor, Shyam Residency Flat No 101 Bhubaneswar-751006
4	Name of Mine	Netrabandha Pahar (West) block for iron ore
5	Mine code	Not Obtained
6	Lease area in hect.	74.370
7	Forest area	52.056Ha.
8	Name of Mineral	Iron Ore
9	Lease period from – to	LOI issued vide no 8722/IV(B)SM-53/2021/SM,Bhubaneswar, dated 28.10.2021 50years W.E.F date of execution of lease deed
10	Plan proposal period.	5year w.e.f date of execution of lease deed
11	Mineral Reserve(111,121&122) in tonnes	111-0 121-0 122- 17274072.2 Total-17274072.2
12	Mineral Resource(211,221,222,331,332,333&334) in tonnes	211-0 221-0 222-753821 331-0 332-18027893.0 333-0 334-0 Total-18781714
13	Total (reserve resource) in tonne	18781714
14	Reserve estimation as on	Date-Date of execution of lease deed
15	Explored area in ha	G1 – 0 G2- 74.370 G3-0 Explored and found Non-mineralized area – 42.41 Un – explored area -Nil Total – 74.370
16	Exploration proposal Year wise No. of Bore Holes	1st year - nil 2nd year – 25 nos 3rd year – 24 nos 4th year – nil 5th year - nil
17	Production proposal Rom in tonnes	1st year - 399990 2nd year – 450000 3rd year – 600000 4th year – 800000 5th year - 1000000

18	OB/Waste handling proposal CUM	1st year - 65518 2nd year - 41982 3rd year - 66408 4th year - 315008 5th year - 319543
19	Present EC permission in tonnes	Since it is a fresh lease, the lessee will obtain EC before Execution of the lease deed.
20	Present forest clearance area in ha	Since it is a fresh lease, the lessee will obtain FC before Execution of the lease deed.
21	Plantation Proposal in five years in numbers	1st year - 230 2nd year - 230 3rd year - 230 4th year - 200 5th year - 200 Total Plantation- 1060
22	Plantation Proposal in five years (ha)	1st year - 0.25 2nd year - 0.25 3rd year - 0.25 4th year - 0.20 5th year - 0.20 Total Area- 1.15
23	Back filling proposal in hectares in five years(years wise)	Not Applicable
24	Check Dams numbers in five years	Nil
25	Garland drain in meters five years(years wise)	1st year - 258 2nd year - 0.0 3rd year - 0.0 4th year - 0.0 5th year - 0.0
26	Settling ponds (Numbers)(years wise)	1st year - 1 2nd year - 0 3rd year - 0 4th year - 0 5th year - 0
27	Total Area put to use in mining and allied activity at end of five years in ha	29.143
28	Bank Guarantee Amount Rs	Not Applicable
29	Validity pf BG up to	Not Applicable
30	Any other information	
31	Percentage of revenue shaaring bid in case of auction grant of block	139.50%

CHAPTER 1
GENERAL INFORMATION

1.1 : Lease Details

IBM Registration Number:	Not obtained
Lease Code:	Not allotted since Lease deed has not been executed
Mine Code:	Not Allotted
Name of Lessee:	M/S Raga Tradecon Pvt. Ltd
Address of Lessee:	1 st floor, Shyam Residency, Flat No 101, Bhubaneswar-751006
Type of Lessee :	Pvt Limited company
Name of Mining Lease:	Netrabandha Pahar (West) block for iron ore
State:	Odisha
District:	Sundargarh
Tehsil/ Taluk/ Mandal:	Koira
Village:	Near South of Bhaliadihi village
Lease Area (Ha):	74.370
Forest Area (Ha):	52.056
Name of Minerals:	Iron
Name of associated minerals:	Nil
Type :	Auction Block
Five Year Block (Financial Year)	1 st year (from the date of the execution of the lease deed) to 5 th year
Type of working:	Opencast
Nature of Use:	Non-captive
Category of Mine:	Category A

1.1.1: Initial/subsequent Lease grant details

Grant	From	To	Lease deed execution date	Lease registration date
LOI issued vide no 8722/IV(B)SM-53/ 2021/ SM, Bhubaneswar, dated 28.10.2021	Date of Execution of the Lease deed	50 Years from Date of Execution of the Lease deed	APPROVED	

1.1.2: Mining Plan Submission Criteria Details

Type of document	Mining Plan
Reason/s for modification	Not Applicable
Period for which modification is proposed	Not Applicable
LOI Number:	8722/IV/ (B)SM-53/2021
Date:	28.10.2021

1.2: LAND OWNERSHIP DETAILS – Refer Annexure - V

S.No.	Village	Taluka	Area (Ha)	Khasra No/ Compartment No.	Type of Land	Nature of Land
1	Balidihi	Koira	14.314	65	Forest	Rev. Forest
2	Balidihi	Koira	14.513	65	Forest	Rev. Forest
3	Balidihi	Koira	3.647	65	Forest	Rev. Forest
4	Balidihi	Koira	0.225	65	Non-forest	Govt. Land
5	Balidihi	Koira	8.799	68	Forest	DLC
6	Balidihi	Koira	1.919	68	Forest	DLC
7	Balidihi	Koira	4.479	68	Forest	DLC
8	Balidihi	Koira	4.385	67	Forest	Rev. Forest
9	Balidihi	Koira	0.147	64/36	Non-forest	Private land
10	Balidihi	Koira	0.291	64/36	Non-forest	Private land
11	Balidihi	Koira	0.244	64/37	Non-forest	Private land
12	Balidihi	Koira	0.025	64/33	Non-forest	Private land
13	Balidihi	Koira	0.058	64/33	Non-forest	Private land
14	Balidihi	Koira	0.110	64/31	Non-forest	Private land
15	Balidihi	Koira	14.186	27	Non-forest	Private land

16	Sanua	Koira	5.454	40	Non-forest	Govt Land
17	Sanua	Koira	0.002	39/69	Non-forest	Private land
18	Sanua	Koira		39/300	Non-forest	Private land
19	Sanua	Koira		39/71	Non-forest	Private land
20	Sanua	Koira	0.026	37	Non-forest	Private land
21	Sanua	Koira	0.0300	37	Non-forest	Private land
22	Sanua	Koira	0.008	39/71	Non-forest	Private land
23	Sanua	Koira	0.093	39/300	Non-forest	Private land
24	Sanua	Koira	0.120	39/71	Non-forest	Private land
	Sanua	Koira		39/69	Non-forest	Private land
	Sanua	Koira		39/300	Non-forest	Private land
25	Sanua	Koira	0.092	39/69	Non-forest	Private land
26	Sanua	Koira	0.019	42	Non-forest	Govt Land
27	Sanua	Koira	0.065	42	Non-forest	Govt Land
28	Sanua	Koira	0.087	42	Non-forest	Govt Land
29	Sanua	Koira	0.048	42	Non-forest	Govt Land
30	Sanua	Koira	0.052	42	Non-forest	Govt Land
31	Sanua	Koira	0.086	42	Non-forest	Govt Land
32	Sanua	Koira	0.071	42	Non-forest	Govt Land
33	Sanua	Koira	0.093	37	Non-forest	Private land
34	Sanua	Koira	0.109	39/71 39/300	Non-forest	Private land
35	Sanua	Koira	0.022	39/300	Non-forest	Private land
36	Sanua	Koira	0.081	42	Non-forest	Govt Land
37	Sanua	Koira	0.089	42	Non-forest	Govt Land
38	Sanua	Koira	0.077	42	Non-forest	Govt Land
39	Sanua	Koira	0.144	42	Non-forest	Govt Land
40	Sanua	Koira	0.039	42	Non-forest	Govt Land
Total Area			74.370			

1.3: EXISTING LEASE -

Date of Execution

Not Applicable

1.3.1: Approval of earlier Mining Plan & Its Subsequent Review in Chronological Order -

Sl. No.	Letter no.	Date	Period		Type Of Approved Document
			From	To	
1	Not applicable, as this lease is yet to be executed.				

1.3.2: Partial Surrendered Area during Stages of Operations in Chronological Order -

Sl. No.	Date	Supplementary Surrender order Letter Number	Supplementary Lease Deed Date	Final Retained Area over which current Mining Plan is Prepared (ha)
Not Applicable				

1.3.3: Transfer of Lease Area Subsequent to Grant -

Sl. No.	Transfer of lease deed Number	Date of execution of Transfer lease deed	Name of Transferor	Nature of block transferred	
				Granted through auction	other than through auction for captive use
Not Applicable					

1.3.4: Statutory Compliances: The Preferred bidder will obtain all the statutory clearance before execution of lease deed.

Applicable	
Letter No	
Date	
Validity	
ROM Mineral in tonnes	

1.3.4.1: Environment Clearance – The Preferred bidder will obtain Environment clearance before execution of lease deed.

Applicable	
Letter No	
Date	
Validity	
ROM Mineral in tonnes	



1.3.4.2: SPCB Approvals -The Preferred bidder will obtain SPCB Approvals before execution of lease deed.

Letter No	
Date	
Validity	
ROM Mineral in tonnes	

1.3.4.3: Forest Clearance–The Preferred bidder will obtain Forest Clearance before execution of lease deed.

Applicable	
Letter No	
Date	
Validity	
Area (Ha)	

1.3.4.4: Land Acquisition Details -

Total Area acquired/purchased so far	Not Applicable
Total Amount Paid (INR)	Not Applicable

1.3.5: Mine Location Details –

Toposheet Number:	F45N1 73-G/1 on a scale of 1:50,000
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