



MINING PLAN

Prepared Under Rule 28-(4) of the Odisha Minor Mineral Concession
Rules, 2016

OF

KENAPALI SAND BED (PLAN PERIOD -FIVE YEARS)

OVER 12.35ACRES/4.997 HECTARES IN VILLAGE BRAHMANINADI 'KHA',
ADJOINING KENALAPI VILLAGE UNDER LAHUNIPADA TAHASIL OF
SUNDARGARH DISTRICT, ODISHA

Applicant
Tahasildar, Lahunipada
(On Behalf of successful bidder)



PREPARED BY

Zinu Shree Sathua
RQP/OD/064/2016

APPROVED

[Signature]
21.7.2020
DEPUTY DIRECTOR OF MINES
DIRA MINING CIRCLE, KOIRA

Zeotek Mining Solutions

Plot No-A/3, Krishna Garden, Phase-II
Jagamara, Bhubaneswar-751030
Contact-9439553684
zeotekmining@gmail.com

[Signature]
21.7.20
Zinu Sh. Sathua
RQP/OD/064/2016

May 2020

CONTENTS

POINT NO.	DESCRIPTION	PAGE
0.0	INTRODUCTION	1-2
1 to 8	GENERAL	3-5
9	RESERVES	6-8
10	MINING	9-12
11 to 12	WASTE DISPOSAL, MINE DRAINAGE	13
13 to 14	MINERAL PROCESSING, PLANTATION	14
15	MANPOWER	15
16 to 17	USE OF MINERAL, MINE CLOSURE PLAN	16-17
18	CERTIFICATE	18
	UNDERTAKING FOR BANK GUARANTEE	19

LIST OF ANNEXURE

DESCRIPTION	ANNEXURE NO.
Copy of letter from Tahasildar to prepare Mining Plan	I
Copy of letter regarding MGQ	II
Copy of RQP certificate	III

APPROVED


Zinu Sh. Sathua
RQP/OD/064/2016

A

LIST OF PLATES

Plate No	Description	Scale (R F)
I	Key Plan	1 : 50,000
II	Lease plan	16" = 1mile
III	Surface Plan	1 : 2,000
IV	Geological plan	1 : 2,000
V	Development plan	1 : 2,000
VI	Environment Management Plan	1 : 2,000
VII	Progressive Mine Closure Plan	1 : 2,000

LIST OF TABLES

DESCRIPTION	TABLE NO.	PAGE NO.
CO-ORDINATE TABLE	01	03
LAND SCHEDULE	02	04
GEOLOGICAL RESERVE	03	08
MINEABLE RESERVE	04	08
MACHINARIES	05	09
DEVELOPMENT TABLE	06	10
SUPERVISORY EMPLOYMENT	07	15
EMPLOYMENT POTENTIAL	08	15
LAND USE	09	16

APPROVED


Zinu S.K. Sathua
RQP/OD/064/2016

B

Consent of Lessee for preparation of the Mining Plan

The mining plan in respect of **Kenapali Sand Bed**, for Tahasildar **Lahunipada** on behalf of successful bidder over an area of **12.35Acres/4.997Hectares** in **Brahmaninadi "Kha"** village under **Lahunipada** Tahasil of **Sundargarh** District of Odisha has been prepared by **Mr. Zinu Shree Sathua**, **RQP/OD/064/2016** as per "Form-O" prescribed Bed under OMMC Rules 2016. I request **The Deputy Director of Mines, Koira**, Odisha to make further correspondence regarding rectification of the mining plan with the RQP in the following correspondence address:

Zeotek Mining Solutions
Plot No-A/3, Krishna Garden,
Phase-II, Jagamara,
Bhubaneswar, Odisha-751030
Mob- 9439553684
Email - zeotekmining@gmail.com

I do hereby undertake that all the modification so made in the mining plan by RQP be deemed to have been made with my knowledge and consent and shall be acceptable to me and binding on me in all respect.

Place: **Lahunipada**
Date: **02.07.20**


Tahasildar 2.7.2020
Lahunipada
Tahasildar, Lahunipada
On behalf of successful bidder

APPROVED

C

Certificate from lessee

The provisions of Mines Act, Rules and Regulations made there under have been observed in the Mining Plan in respect of **Kenapali Sand Bed**, over an area of **12.35 Acres/4.997 Hectares** in **Brahmaninadi "Kha"** village under **Lahunipada** Tahasil of **Sundargarh** District of Odisha of **Tahasildar Lahunipada** on behalf of successful bidder and where specific permissions are required, the successful bidder will approach the Director General of Mines Safety. Further, standards prescribe Bed by the Director General of Mines Safety in respect of miner's health will be strictly implemented.

Place: **Lahunipada**
Date: **02.07.20**


Tahasildar 2.7.2020
Lahunipada
Tahasildar, Lahunipada
On behalf of successful bidder

APPROVED

D

Certificate from the Revenue Inspector

This is to certify that the quarry lease area of **Kenapali Sand Bed**, over an area of **12.35Acres/4.997Hectares**. Plot no- 41/P khata no-1 in Village **Brahmaninadi "Kha"**, Tahasil **Lahunipada** of District **Sundargarh**, Odisha, is demarcated and shown in the field by me in respect of **Tahasildar, Lahunipada** on behalf of successful bidder for quarrying and mining in the area.

Certified that the information furnished by me is correct to the best of my knowledge.

2/7/20
Revenue Inspector
REVENUE INSPECTOR

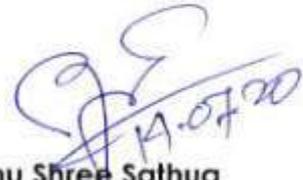
APPROVED

F

Certificate from the RQP

Certified that the mining plan in respect of **Kenapali Sand Bed** for **Tahasildar Lahunipada** on behalf of successful bidder, over an area of **12.35Acres/4.997Hectares** in ^{Brahmaninudi (tho)} **Kenapali** village under **Lahunipada** Tahasil of **Sundargarh** District of Odisha is prepared basing on various aspects such as bidding and wherever specific permissions are required, the successful bidder of **Kenapali Sand Bed** will approach the concerned authorities.

Certified that the information furnished in the mining plan is correct to the best of my knowledge and belief.



Zinu Shree Sathua
RQP/OD/064/2016
Zinu Sh. Sathua
RQP/OD/064/2016

APPROVED



Zeotek Mining Solutions

INTRODUCTION

The Quarry lease area over 12.35Ac or 4.997Ha under reference is located in village Brahmaninadi 'KHA' adjoining Kenapali village of Lahunipada Tahasil in Sundargarh district of Odisha. Quarry lease for minor mineral (Sand) has been proposed to be granted by the Tahasildar, Lahunipada, Sundargarh to the highest auction holder only after obtaining statutory clearances like mining plan and environmental clearance for a period of five year. **(Annexure 1)**.

The area under reference featured in the Survey of India Toposheet No. F45G16 and located between the latitude of 21°50'32.04"N to 21°50'41.18"N and longitude of 84°56'46.00"E to 84°56'54.49"E. The area is located at a distance of 150 Km from District headquarter of Sundargarh, and is at a distance of about 290 Km from the state capital Bhubaneswar.

In the absence of boundary description of the area by the competent authority, the area as shown by the Revenue authority has been surveyed through hand held GPS for obtaining the co-ordinates and RL's of the required points within the lease. The co-ordinates of boundary corner points are mentioned in the Surface Plan (Plate No. III).

The pattern of the deposits, its physical disposition and topography of the area and hydrological conditions are some of the factors that favor open cast dry pit mining method. The proposed MGQ is 16375Cu.m per annum(Annexure-II). However, the rate of production may be increased or decreased in future depending on the market demand with concern from competent/controlling authority. The total geological reserve has been estimated around 49970Cu.m. The mineable reserve of sand has been estimated about 43519Cu.m and

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

Zinu Shree Sathua
RQP/OD/064/2016



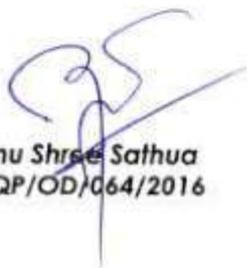
Zeotek Mining Solutions

considering the present proposed maximum production target the river sand is feasible for excavation.

Looking into the potential mineable resources, the main objective is to develop this mineable property scientifically and systematically for commercial benefit of indigenous industries and secondly for increase the state exchequer by paying the royalties to the State Government, Odisha and thirdly to boost up the socio-economic status of the poor inhabitants of this area by producing employment opportunity to earn more and live a better life.

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

FORM- O

(Under Rule 28-(4) of the Odisha Minor Mineral Concession Rules, 2016)

**MINING PLAN FOR WINING OF RIVER SAND FROM BRAHMANI RIVER OF
BRAHMANINADI 'KHA' VILLAGE UNDER TUMKELA PANCHAYAT IN LAHUNIPADA
TAHASIL OF SUNDARGARH DISTRICT**

(Category: B2 as per EIA notification)

1. Name & Address of the lessee :Tahasildar, Lahunipada

Particulars of the area (Acreage, Boundary description & Land schedule):

• Area coverage:

The lease area comprises of **12.35Acres/4.997Hectares.**

• Boundary Description:

The proposed lease area has been surveyed with hand held GPS in presence of revenue authority and the obtained boundary co-ordinates are given below

Table- 01 (Co-ordinates of lease boundary)

GPS Co-ordinates		
Pillar No.	Latitude	Longitude
P1	21° 50' 32.04"N	84°56' 46.42"E
P2	21° 50' 37.79"N	84°56' 46.00"E
P3	21° 50' 41.18"N	84°56' 52.99"E
P4	21° 50' 32.30"N	84°56' 54.49"E

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

DEPUTY DIRECTOR OF MINING
DIRA MINING CIRCLE, KOIRA

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

• **Land Schedule:** As given by the competent authority:

Table- 02 (Land Schedule)

Village	Khata No	Plot No.	Area (In Acre)	Kisam
Brahmaninadi 'KHA'	01	41/P	12.35	Nadi

Adjoining village Kenapali.

3. **Status of the Lessee: (Private Individual/ Private Company/ Public Sector/ Undertaking/ Joint Sector Undertaking/ Others)** : Shall be finalized after auction
4. **Period of concession** : **Five years**
5. **Mineral intended to be won** : River sand
6. **Name, address, registration no of RQP Preparing the mining plan with validity Of recognition** : Correspondence address
Zinu Shree sathua
Plot No-A/3, Krishna garden
Phase-II, Jagamara,
Bhubaneswar, Odisha-751030
Phone: **+91-9439553684**

E-Mail- **zeotekmining@gmail.com**

Registration No : **RQP/OD/064/2016**

Date of Grant : 03.08.2016

Valid Up to : 02.08.2026

APPROVED

Kenapali Sand Bed over an area of 12.35 Ac. 4.997 Ha.

SEPT 21.7.2020
DIRA MINING CIRCLE, KOIRA

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

7. **Order no & date of competent authority** : Letter No. 1211 & Dt-18.05.2020
granting the concession (Copy of the Tahasildar letter
(Copy of the order to be attached) enclosed as **Annexure-I)**

8. **If, forest area, whether forest clearance: (Attached copy of forest clearance)**

As there is no forest land involved in the proposed lease Area, so forest clearance is not required.

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016



9. **Reserves**

(Estimation to be based on the exploration, if any, carried out in the area or on the local parameters)

As it is a sand bed the reserve is estimated based on local parameters. Predominantly, the reserve was estimated on the basis of field geological mapping and observations of existing sand bed.

Physiography:

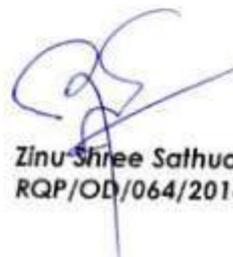
The proposed lease area is on Brahmani river. The area under reference is a sand bed and the water flows from southwest to northeast in Brahmani river within the lease area. The RLs of the Kenapali Sand Bed are as follows;

The highest RL recorded on the field is 143mRL within the lease on sand surface of Kenapali sand bed, whereas the water course possesses about 1m lesser altitude at the higher & the lower end on an average from the sand surface respectively. The adjoining river bank height is approximately 2m-3m from the sand surface. The water flows from southwest to northeast in the lease area(Plate-III). About 1m sand bed thickness has been considered for reserve estimation as per field observation.

Local geology

Lease area possess coarse to medium grained sand. There is mere presence of pebbles & gravels on the sand bed. The sands are generated in alluvial sedimentary process, which are derived from the Singhbhum Group of rocks normally contains quartz, orthoclase, plagioclase, mica etc. also some minerals of amphibole & pyroxene group present. In some parts of the lease area it possess about 0.5m sand bed thickness while in some parts about 1.5m, hence on an average 1m has been considered as sand bed thickness of entire lease area for reserve estimation.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016

APPROVED



Method of reserve estimation :

The reserve has been estimated by considering the following parameters.

- i) Surface area method has been adopted for estimation of reserve i.e. multiplying the surface area of sand bed with the average sand bed thickness to obtain the total volume and reserve of sand in Cu.m.
- ii) The reserves have been calculated up to the perennial water level under proved category for sand.
- iii) The proved limit has been taken 1m from the surface of the sand bed.
- iv) Total surface area of sand bed leaving perennial water course area is considered for the geological reserve.
- v) A safety zone of 7.5 m has been left all around the lease area as per statutory guidelines.
- vi) The area that comes under the perennial water course is not considered for reserve estimation.
- vii) As per the field observation within the lease area where the thickness of the sand bed can be observed from 0.5m to 1.5m from the water surface, hence the average thickness of the sand bed is considered 1m. Keeping in view, the natural replenishment of sand after monsoon the reserve has been calculated tentatively for each year after monsoon.
- viii) The reserve that comes under the ultimate pit limit is considered for mineable reserve calculation.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

The geological reserve and mineable reserve of sand quarry calculated are given in the following table no. 3 & 4 respectively:

Table- 03 (Geological Reserve)

SURFACE AREA OF SAND(m ²)	THICKNESS OF SAND BED(m)	VOL. OF SAND (m ³)	CATEGORY
A	B	C=A x B	D
49970	1	49970	PROVED
TOTAL		49970	

The demonstrated mineable reserve has been estimated in similar manner as geological reserve excluding 7.5m safety zone barrier all along the lease boundary. The mineable reserve is confined within the ultimate pit limit(i.e.UPL).

Table- 04 (Mineable Reserve)

SURFACE AREA OF SAND(m ²)	THICKNESS OF SAND BED(m)	VOL. OF SAND (m ³)	CATEGORY
A	B	C=A x B	D
43519	1	43519	PROVED
TOTAL		43519	

Hence although **49970Cu.m** of geological reserve present in the lease but about **43519Cu.m** volume of sand can be mineable as per the present survey keeping in view ;the guidelines of OMMCR 2016. Ultimate average depth of extraction of sand in this quarry shall be 1m from the surface or up to the perennial water level.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016



10. Mining :

(a) Whether manual or semi-mechanized or mechanized : Manual

In the applied lease area river sand mining will be worked out by opencast method of mining. Handling of sand will be done only manually. Handpicks, spade, chisel will be used by manual labors for extraction of sand. The extracted sand will be loaded in Tractors/Tipper by manual labours.

(b) If semi-mechanized or mechanized, number, type and capacity of machines to be used :

No machineries shall be used as it is a river bed mining project except tippers/tractors for the haulage /transportation of sand from the lease area to the consumer.

The number, type and capacity of machines to be used are described in the table below;

Table- 5 (Machineries to be used)

Type of Machines	Capacity	No. of Machines
Tipper/Tractor	4Cu.m./2.5 Cu.m.	3 tippers/6tractors
Safety equipment such as Helmets, Safety Shoes, Goggles & Hand Gloves	---	As required

(c) Whether drilling and blasting will be made use of, If yes, state monthly quantity of explosives to be consumed

Not required as it is a River sand mining project.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

DEPUTY DIRECTOR OF MINE,
DIRA MINING CIRCLE, KOIRA

Zinu Shree Sathua
RQP/OD/064/2016

APPROVED



(d) Benching Pattern (Height & width) :

The extraction of sand shall be done by slicing method. Benching is not required in case of sand mining. The average depth of mining shall be 1m or up to water table within the lease area.

(e) Face lay out (attach development plan) :

The development has been proposed at the western part of the lease shown in the development plans [Ref: Plate-V(A),(B),(C)]. Replenishment of sand is expected in each year during the monsoon.

(f) Quarry Floor level (RL) at the end of the year or period of the concession :

During plan period, the lowest level of the Proposed Quarry floor will be 142mRL at Northern part of lease area.

(g) Quantity of mineral to be won (Annual Level of Production) :

The Details of annual production each year for five-year plan period are given in the following table.

TABLE- 6(Development/Production)

DEVELOPMENT YEAR	SURFACE AREA OF SAND(m ²)	THICKNESS OF SAND BED(m)	VOL. OF SAND TO BE EXTRACTED (m ³)
	A	B	C=A x B
FIRST YEAR	16375	1	16375
SECOND YEAR	16375	1	16375
THIRD YEAR	16375	1	16375
FOURTH YEAR	16375	1	16375
FIFTH YEAR	16375	1	16375
TOTAL			81875

(h) Quantity of overburden to be removed (Show location of such disposal in development plan)

There will be no over burden as it is a sand bed.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.
DEPUTY DIRECTOR OF MINING
DTRA MINING CIRCLE, KOIRATH

Zinu Shree Sathua
RQP/OD/064/2016

APPROVED



Zeotek Mining Solutions

(i) Whether heavy blasting to be adopted, if yes, location of nearest habitation (To be shown in the surface plan) :

No blasting required as it is sand mining.

(j) Safety precautions to be adopted :

There are some precautionary measures for the safety & protection of environment in and around the lease area which are described below;

- Working will be done in general shift during daylight hours.
- The Employees are to be supplied all types of safety equipment by the employer i.e. Helmets, safety shoes, goggles & hand gloves etc. as per the safety rules and regulations based on their types of work.
- All accidents that include injury or loss of life or damage to the property will must be reported to the district administrative as soon as possible.
- Temporary rest shelters and first-aid will be provided near the working site.
- Vehicles are to be covered with tarpaulin during transportation from source to destination to avoid air pollution.
- The boundary marks & pillars are to be maintained to keep in good conditions.
- No mining operations will be carried out within the safety zone area which has been considered 7.5 m wide all along the lease boundary.
- Mining activities will be carried out with appropriate environment safeguards and shall take such steps for reclamation whenever necessary.

Kenapall Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016

APPROVED



Zeotek Mining Solutions

- The mining operation will be done up to the perennial water level or maximum 3m in sand mining whichever is less. In this case up to 1m depth sand extraction is proposed, i.e. about perennial water surface.
- The provisions of Mines Act, 1952, Mines and Minerals (Development & Regulation) Act, 1957 and the rules & regulations framed under time to time rules made there under for development of minor minerals shall be strictly observed by the lessee.

(k) Brief description on method of procurement and storage of explosives:

In sand mining, explosive is not required.

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016

APPROVE



Zeotek Mining Solutions

11. Waste Disposal :

No waste shall be generated as the recovery factor is 100% in sand mining.

(a) Location (show it in the development plan) :Not applicable.

(b) Area covered :Not applicable.

(c) Environmental safeguards for such Disposal :Not applicable.

12. Mine drainage (Give details of total make of water during dry and rainy season and its method of handling) :

As per the present date survey the plates have been prepared and the perennial river flow path is shown , the perennial water flows in its natural path through out the year. In the rainy season i.e. from June to mid of October, the entire lease area is submersed under water. So during the rainy days mining activities will be ceased.

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

13. Mineral processing (Give details of processing including sizing, sorting, generation of rejects/fines etc.) :

In sand mining, mineral processing not required, the extracted sand can be transported to the end consumer directly.

14. (a) No. of trees to be uprooted due to mining operation :

As it is a river bed, the lease area is devoid of trees.

(b) Programme of Plantation :

Plantation cannot be done within the lease area as it is a river bed, hence the lessee can do avenue plantation consulting with the concerned authority.

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

Zinu Shree Sathua
RQP/OD/064/2016



15. Manpower :

(a) Supervisory (inclusive of statutory personnel's) :

One foreman having manager permit certificate of competency and good experience which will fulfill the basic requirements of quarrying minor minerals and he must be capable to manage the annual production.

Table- 07 (Supervisory employment)

	Designation	Qualification	Numbers
1	Supervisor	As per DGMS norm	1
	Total		1

(b) Non-Supervisory (skilled, semi-skilled & un-skilled) :

All the operators of the machines considered to be skilled. Drivers of tipper/tractors & helpers of the machines come under semi-skilled. And rest labors come under unskilled category.

Table- 08 (Employment Potential)

Skilled	Semi- skilled	Unskilled	Total
3	4	12	19

Hence total man power comes to 20.

(a) OMS

: 3.7 Cu.m./Man Shift

Maximum Ore production/annum	=	16375Cu.m.
No. of working days considered / year	=	220 days (Average)
Average production / day	=	16375/220= 74.4 Cu.m
<u>Production per day</u>	<u>÷ Total employment</u>	<u>= OMS</u>
74.4	÷ 20	= 3.7

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

DEPUTY DIRECTOR OF MINES
DIRA MINING CIRCLE, KOIRA

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

16. Use of Mineral (Specification and monthly quantity to be dispatched & furnished):

About 1364.5 Cu.m sand shall be dispatched per month. The sand won shall be utilized for construction and filling purposes, so all grade and grain size sand can be used. The end user shall market ore as per their requirement.

(a) For domestic use : About 1364.5 Cu.m sand will be dispatched monthly in the domestic market to the consumers for direct use.

(b) For export : There will be no export of the above said minerals.

17. Mine Closure Plan:

(a) Describe the process/activities to be undertaken for reclamation and rehabilitation in respect of the following:

1) Mined out land:

During the present plan period the proposed used out land will be 4.997ha. The existing as well as proposed land use of the area is given as below:

Table- 09 (Land use)

Type of land use	Area to be put in use(ha) During plan period
Area of excavation	3.275
Temporary OB dump	0.000
Infrastructure	0.000
Roads	0.000
Safety zone	0.648
Miscellaneous	1.074
Total	4.997

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.

DEPUTY DIRECTOR OF MINING
DIRA MINING CIRCLE, KOIRA

Zinu Shree Sathua
RQP/OD/064/2016



Zeotek Mining Solutions

ii) Waste/reject dump:

In sand mining, no waste shall be generated, hence no dump is required.

iii) Topsoil stack and its utilization:

No amount of top soil will be generated during the plan period as it is a sand bed. Hence soil stack is not applicable.

(b) Financial assurance:

The area to be put to use will be 4.997 Ha. Hence, the financial assurance as decided by the competent authority would be submitted by the auction holder on demand. An undertaking to this respect by the auction holder is enclosed for the purpose.

APPROVED

Kenapali Sand Bed over an area 12.35 Ac /4.997 Ha.


Zinu Shree Sathua
RQP/OD/064/2016

18. Certificate:

I, **Tahasildar Lahunipada** on behalf of the successful bidder of the applied lease of **Kenapali Sand Bed Sand 12.35Acres / 4.997Hectares** in **Brahmaninadi "Kha"** village under Tunkela panchayat **Lahunipada** Tahasil of **Sundargarh** District of Odisha hereby solemnly affirm that the plans and programmes in this mining plan will be scrupulously implemented by us and we shall be strictly held responsible for any deviation thereof. We also hereby certify that the provisions of Mines and Minerals (Development & Regulation) Act, 1957, and the Mines Act, 1952 and Rules and Regulations made under these Acts, along with the provisions of Odisha Minor Mineral Concession Rules, 2016 will be strictly adhered to while implementing this mining plan and wherever specific permissions will be required, We shall approach the concerned authorities of the State Government as the case may be.

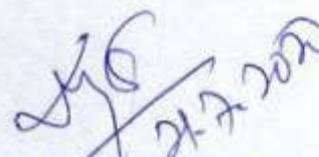
For: **Kenapali Sand Bed**


Tahasildar 2-7-2020
Lahunipara

Tahasildar, Lahunipada

On behalf of successful bidder

(Signature of the Concessionaire)


DEPUTY DIRECTOR OF MINES
DIRA MINING CIRCLE, KOIRA


Zinu Sh. Sathua
RQP/OD/084/2016

APPROVED

UNDERTAKING

I hereby undertake to submit the financial assurance as decided by the competent authority in form of bank guarantee from any nationalized bank as and when required.

APPROVED

Place: Lahuripada.
Date: 02.07.20

Signature of the applicant

Zinu Sh. Sathua
2.7.2020
Tahsildar, Lahuripada
Lahuripada

On behalf of successful bidder

Zinu Sh. Sathua
RQP/OD/064/2016

ତହସିଲଦାରଙ୍କ କାର୍ଯ୍ୟାଳୟ, ଲହୁଣୀପଡ଼ା

ଫୋନ୍: ୦୬୭୨୫-୨୩୨୧୦୪, ଇ-ମେଲ୍- (1) tah.lahunipara@nic.in (2) tah.lahunipara@gmail.com

ପତ୍ର ସଂଖ୍ୟା: 1211 ଡା- 18-05-2020

To

Zinu Shree Sathua,
Recognized Qualified Person,
[Regd.No. RQP/OD/064/2016]
At/PO/PS-Bonaigarh, Dist-Sundargarh
Odisha-770038

Sub: - Regarding preparation of Mining Plan in respect of new approved Sairat Sources under Lahunipara Tehsil.

APPROVED

With reference to the subject cited above, you are hereby directed to prepare approved Mining Plans in respect of new approved Sairat Sources under Lahunipara Tehsil as below at an early date for obtaining EC from SEIAA and settlement in future.

LAND SCHEDULE

Sl No.	Name of the Sairat Source	Village	Khata No.	Plot No.	Kisam	Area (in Ac.)
01.	Luthurba Sandbed	Brahmaninadi "KHA" (Luthurba)	01	12/p	Nadi	2.62
				10/p	Nadi	3.41
				11/p	Nadi	0.95
				09/p	Nadi	5.37
Total: -						12.35
02.	Kenapali Sandbed	Brahmaninadi "KHA" (Kenapali)	01	41/p	Nadi	12.35

Encl: - 02 nos of traced maps

[Signature]
Tehsildar, Lahunipara
18-05-2020

Memo No. _____/Dtd. _____

Copy to the Deputy Collector, Touzi, Collectorate, Sundargarh for information with reference to his letter no. 230/Touzi dtd. 11.05.2020.

[Signature]
Tehsildar, Lahunipara

Memo No. _____/Dtd. _____

Copy submitted to the Additional District Magistrate, Sundargarh for favour of kind information and necessary action.

[Signature]
Tehsildar, Lahunipara

ତହସିଲଦାରଙ୍କ କାର୍ଯ୍ୟାଳୟ, ଲହୁଣୀପଡ଼ା

ଫୋନ୍ ନମ୍ବର-୧୩୪୧୦୪, ୨-୯୩୨- (1) tah.lahuri-od@nic (2) tah.lahuri123@gmail.com

ପତ୍ର ସଂଖ୍ୟା: 1692 ଡା- 02.07.2020

Zinu Shree Sathua,
Recognized Qualified Person,
[Regd.No. RQP/OD/064/2016]
At/PO/PS-Bonaigarh, Dist-Sundargarh
Odisha-770038

APPROVED

Subject: Regarding Minimum Guaranteed Quantity in respect of new approved Sairat Sources under Lahunipara Tehsil.

With reference to the subject cited above, however you have been directed to prepare approved Mining Plans in respect of new approved Sairat Sources under Lahunipara Tehsil earlier with Minimum Guaranteed Quantity ascertained on the basis of field eye observations of RI concerned, but it is observed that a huge quantity of minor mineral is available over the sairat sources which is far above the MGQ reported by the concerned RIs.

Hence you are directed to prepare Mining Plans as per the Minimum Guaranteed Quantity (MGQ) Per Annum as mentioned below against the respective Sairat source at an early date for obtaining EC from SEIAA and settlement in future.

Sl No.	Name of the Sairat Source	Village	Proposed Minimum Guaranteed Quantity (MGQ) in Cm per Annum
01.	Luthurba Sandbed	Brahmaninadi "KHA" (Luthurba)	27286
02.	Kenapali Sandbed	Brahmaninadi "KHA" (Kenapali)	16375


Tehsildar, Lahunipara
Tehsildar
Lahunipara
02.07.2020



GOVERNMENT OF ODISHA
DEPARTMENT OF STEEL AND MINES
DIRECTORATE OF MINES

APPROVED

CERTIFICATE OF RECOGNITION AS QUALIFIED PERSON

(Under sub-rule (2) of rule 20 of Odisha Minor Mineral Concession Rules, 2004)

Sri Zimudhree Sathua, S/o Sri Dibyasankar Sathua, At/P.O.:
Bonaiagarh, Dist: Sundargarh - 770038, whose photograph
and signature are affixed herein, having given satisfactory
evidence of his qualification and experience, is hereby
recognised under sub-rule (2) of rule 20 of Odisha Minor
Mineral Concession Rules, 2004 as a qualified person to
prepare Mining Plans for Minor Minerals within the State of
Odisha, India.



His Registration No. is

RQP/OD/064 /2016

This Recognition is valid for a period of 10 years ending on 02.08.2026.
This certificate will be liable to be withdrawn/ cancelled in the event of furnishing
wrong information/ documents in the Mining Plans to be submitted by him.

Place: Bhubaneswar

Date: 03.08.2016

[Handwritten Signature]
21/08/2016

DIRECTOR OF MINES, ODISHA
BHUBANESWAR

୧୩୩୩ - ୧୩୩୩୩୩୩୩
 ୧୩୩୩ - ୧୩୩୩୩୩୩୩
 ୧୩୩୩ - ୧୩୩୩୩୩୩୩
 ୧୩୩୩ - ୧୩୩୩୩୩୩୩

୧୩୩୩ ୧୩୩୩ ୧୩୩୩
 ୧୩୩୩ ୧୩୩୩ ୧୩୩୩
 ୧୩୩୩ ୧୩୩୩ ୧୩୩୩
 ୧୩୩୩ ୧୩୩୩ ୧୩୩୩



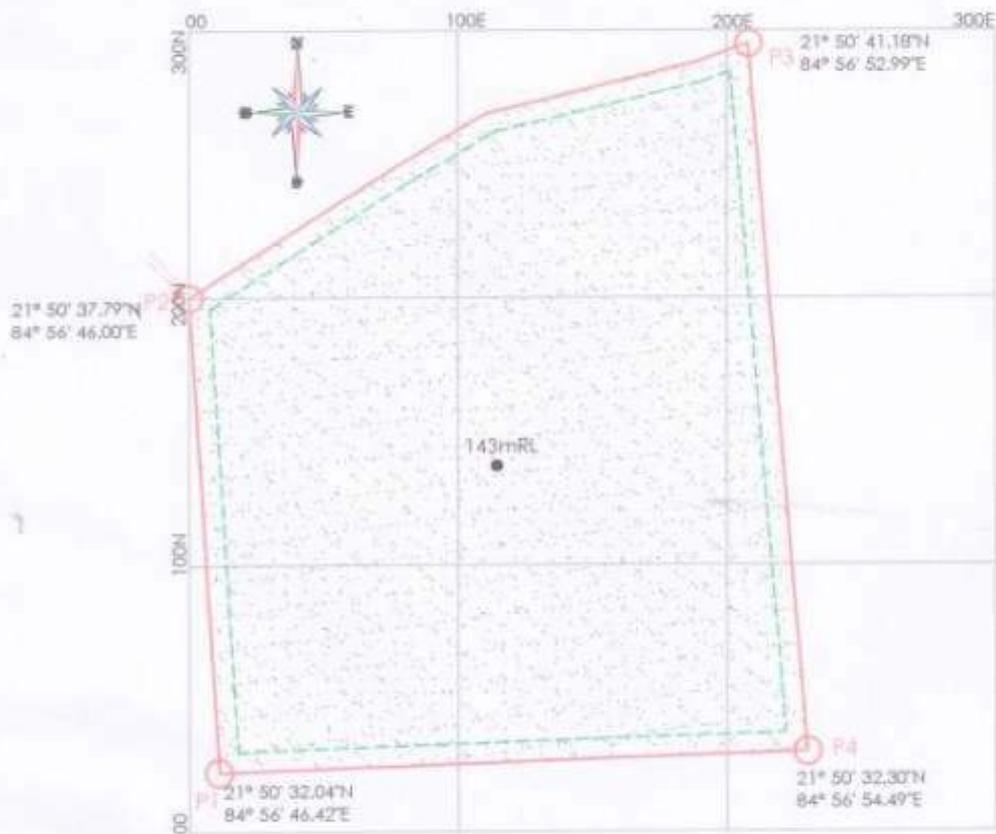
୧୩୩୩
 ୧୩୩୩
 ୧୩୩୩

୧୩୩୩ ୧୩୩୩ ୧୩୩୩
 ୧୩୩୩ ୧୩୩୩ ୧୩୩୩

୧୩୩୩
 ୧୩୩୩
 ୧୩୩୩

୧୩୩୩
 ୧୩୩୩
 ୧୩୩୩

APPROVED



LEGEND

-  QUARRY LEASE BOUNDARY
-  SAFETY ZONE
-  ACCESS ROAD
-  143mRL SPOT RL
-  SAND



Plate No-III

KENAPALI SAND BED	
Over an area of 12.35Ac./4.997Ha. in Village Brahmaninadi "KHA" under Tahasil Lahunipada of Sundargarh District, Odisha	
Applicant - Tahasildar, Lahunipada (On behalf of successful bidder)	
SURFACE PLAN	
Scale - 1:2,000	Date of survey-15.05.2020
Certified that this plan is up to date & correct to the best of my knowledge.	


 21.7.2020
 DEPUTY DIRECTOR OF MINE
 OIRA MINING CIRCLE, KOH-


 Zinu Satee Sathua
 RQP/OD/054/2016

APPROVED