



23 MAY 2024
[Signature]

REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

Tel: +264 61 284 2111
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Department of Environmental Affairs

Cnr of Robert Mugabe & D
 Kenneth Kaunda Street
 Private Bag 13306, Windh

PRO FORMA ENVIRONMENTAL CONTRACT FOR SAND MINING

| Village/town | Region | Constituency |
|--------------|--------|--------------|
| HOACHANAS | HARDAP | MRL-RURAL |

Environmental Management Act, 2007 (Section 32)

NB: All questions are mandatory and thus must be fully completed, and all proposed sites must be 100 metres away from infrastructure / built-up area



Hon. Councillor
 0813351323

PART 1 A: DETAILS OF APPLICANT

1. Name (person or business): MR. MOSES HANSE

2. Business registration/identity no. 52030500011

3. Correspondence address: BOX 209, KALKRAND

4. Name of contact person: MR. M. HANSE

5. Position of contact person: CHAIRMAN (SNR. CIIR)

6. Telephone or cell phone number: 0814177820

7. Fax number: -

8. Email address: kaikhaun@gmail.com

NB: The completion of this questionnaire is a requirement under Section 20(1) of the Environmental Management Act no. 07 of 2007. Therefore it must be filled in as truthfully and reliably as possible. It must be noted here that the proponent is accountable for any wrong and misleading information that may be provided in this questionnaire. From this perspective, any person who completes this questionnaire must read and sign the declaration on the last page of this questionnaire.

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand that the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong and incomplete.

[Signature]

MOSES HANSE

CHAIRMAN

Signature of applicant

Full name in block letters

Position

on behalf of

KAIKHAUN TRAD. AUTHORITY

14.05.2024

Date

PART 1 B: DRAW PLAN OF THE PROPOSED SITE INDICATING SURROUNDING FEATURES:

[Empty space for drawing plan]

NB: The Plan must include (*Alternatively attach a map of the site*)
- Latitude and longitude of the area
- Thematic map for land uses in proximity of the proposed site (and the surrounding 1 km)
- Water bodies such as rivers, lakes, ponds etc.
- Any forest area, natural reserve and game reserve etc.
Note: The name of each area on map must be provided

PART 2 A: CONSENT BY VILLAGE HEADMEN, TRADITIONAL AUTHORITY OR PRIVATE FREEHOLDER

For Village Headman

- 1. Name of TA headman/freeholder: _____
- 2. Postal address: _____
- 3. Telephone or Mobile no.: _____
- 4. Email address (if applicable): _____

For Traditional Authority or Freeholder

- 1. Name of TA headman/freeholder: KALIKHAYN TRAD. AUTHORITY
- 2. Postal address: P. O. BOX 209, KALKRANO
- 3. Telephone or Mobile no.: 081 4177 820
- 4. Email address (if applicable): _____

Comment and recommendation by the traditional authority /private freeholder (landowner)

Stamp and signature of representative: [Signature] Date: 14.05.2024



PART 2 B: CONSENT BY REGIONAL COUNCIL OR LOCAL AUTHORITY

For regional council or local authority represented by Chief Regional Officer (CRO) or Chief Executive Officer (CEO)

1. Name of CRO/CEO: Mr Elieser Kariseb
 2. Postal address: Private Bag 2017, Mariental
 3. Telephone or Mobile no: 0813040755 / 063-265363
 4. Email address (if applicable): elieserkariseb85@gmail.com or ekariseb@hardapr.gov.na

Comment and recommendation by the Chief Regional Officer or Chief Executive Officer

The Council has awarded a tender to the private contractor in Hoachanas for the construction of interlocked paved, hence the application from the contractor to use the borrow pit road.

Stamp and signature of representative: [Signature] Date: 2024/05/14

HARDAP REGIONAL COUNCIL
HOACHANAS SETTLEMENT OFFICE

NB: The completion of this questionnaire does not revoke provision 33 of the Environmental Management Act No. 7 of 2007 for the Environmental Commissioner to decide whether an activity requires an assessment but complements the process. Therefore a full environmental impact assessment (EIA) process may be required depending on the magnitude of the proposed project.

PO Box 28, KALKRAND
 Tel: (063) 265363/66 Fax: (063) 265393

PART 3: GENERAL DESCRIPTION OF THE PROJECT

Please tick the appropriate answer with an (✓).

1. General information:

| | |
|-------------------------------|-----------------------------------|
| Name of the site: | <u>KAILIKHALIN COMMUNAL AREA.</u> |
| Size of the site (hectares): | <u>ABOUT FIVE HECTARES</u> |
| Tenure of operation (years): | <u>SEE CONTRACT WITH TENDERER</u> |
| Expected cost of the project: | <u>NOT KNOWN.</u> |

2. Sourcing of sand:

| Activity site | Yes | No |
|-------------------------|-----|----|
| River/floodplain | ✓ | |
| Lake/reservoir | | |
| Agricultural land | ✓ | |
| SeasideWatercourse | | |
| Homestead/crop fields | | |
| Others, please specify: | | |

3. What is: (a) the **intended use** of sand and (b) the **scale and volume of proposed sand mining**:

| Intended use of sand | Tick mark (✓) |
|---------------------------------|---------------|
| Household-building activities | |
| Commercial housing construction | |
| Commercial road construction | ✓ |
| Commercial bulk sale | |
| Others | |

| Scale and total volume of proposed sand mining (Unit) | Tick mark (✓) |
|---|---------------|
| <100 m ³ | |
| 100–500 m ³ | |
| 500–1000 m ³ | |
| >1000 m ³ | ✓ |

4. Location sensitivity details

(a) Is the proposed activity site near/in the following installations?

| Important installations | Yes/no | Name | Distance (m) |
|--|--------|-----------|--------------|
| Public utility (i.e. schools, colleges, hospitals, picnic spots, bridges etc.) | NO | | |
| Tourist site / worship area / <u>graveyard</u> | YES | GRAVEYARD | 500m |
| Governmental installations (e.g. police stations, government, building, defense installations, etc.) | NO | | |
| Protected area | NO | | |
| Any other installation nearby? Please specify: | | | |

Note: Sustainable sand mining guidelines state that the proposed area should be away from these important installations. Guidelines also specify certain distances as per the sensitivity of the area.

Remarks if any:

(b) Land use pattern of site lease

| Land type | Area (hectare) |
|-------------------|----------------|
| - Private land | |
| - Government land | |
| - Other (specify) | COMMUNAL LAND |
| - Total | |

(c) Is the project likely to affect local community member(s)?

Yes

No

(d) If the answer is yes, does the proposed project involve people relocation?

Yes

No

(e) If the answer is yes

Number of affected people

Types of compensation

(f) Was compensation provided to affected people?

Yes

No

If the answer is yes, describe the compensation and other amenities provided.

Section 44 of Environmental Management Act No. 7 of 2007, and Sub-Regulation 21 provide guidance on consultative procedures and methods that must be followed during the environmental assessment process for listed activities. This is necessary to allow the public (Interested and Affected Parties) to give input on how best to avoid and/or mitigate potentially negatives impacts.

5. Public consultations:

(a) Were public consultations held?

Yes

No

If the answer is yes, please attach proof with the application.

If the answer is no, please refer to the EMA Regulation 21—conduct and attach proof.

(b) Are the project concept note and/or activities shared with members of the community?

Yes

No

If the answer is yes, provide a copy of the concept note.

If the answer is no, please consult community and attach proof

(c) Are there any other mines located adjacent to the proposed project site?

Yes

No

If the answer is yes, provide the name and type of the mines within a radius of 1 km.

(c) Attach a No Objection Certificate from the concerned authority with the application

(d) Is there complaint of air and water pollution due to existing mines near the proposed site?

Yes

No

(e) Will the project affect the local drainage or drainage pattern?

Yes

No

If the answer is yes, describe the number of natural drains likely to be impacted and whether the project proponent has taken any initiatives to avoid/minimize impacts. Give details of such initiatives.

6. Local biodiversity

(a) Does the site preparation require clearing of vegetation (including cutting of trees)?

Yes

No

If the answer is yes, please furnish the following details?

1. Description the type of vegetation and number of species to be affected:

2. Number of trees proposed to be cut:

(b) Are these species categorized as protected/endemic/endangered/threatened species?

Yes

No

If the answer is yes, provide details

(c) Does the proposed project impact local fauna?

Yes

No

(d) If the answer is yes, will it impact protected/endemic/endangered/threatened species?

Yes

No

If yes, provide details

e) Soil type and characteristics, tick appropriate: Sand Clay Loam Other, please provide description;

GRAVEL

7. Sand mining details

(a) Method of mining operations

| No. | Type | Please tick | Size of site (large / medium / small) | Mining method (manual / semi-mechanized / mechanized / any other (specify)) |
|-----|------------------|-------------|---------------------------------------|---|
| 1 | Open cast | ✓ | 5 ha | MECHANIZED |
| 2 | Others (specify) | | | |

(b) Number of mining shift: NOT KNOWN

(c) Proposed maximum depth of the borrow pit (m): NOT KNOWN; does it intersect with ground water table?

(d) Top soil generation (m³) NOT KNOWN.

Applicable if mining is proposed on agricultural land or a crop field or homestead.

Proposed measures for top-soil conservation and management

(e) In the case of river-sand mining, provide following information:

Distance from hydraulic structure such as pumping station, water intakes, and bridges

Number of other operators within 1 km upstream

Number of other operators within 1 km downstream

Distance of proposed mining site from the bank

8. Resource requirement:

(a) Mode of **transportation** of mined material

If dumper / trucks is used, Expected number of dumpers

List the equipment to be used during mining operation.

(b) Will the project use **blasting / explosives**

Yes

No

If the answer is yes, has the proponent obtained the permit / licence from an authorized body? If yes, attach a copy of the permit / licence with the application.

(c) **Water**

Source of water

Quantity of water used (m³ / day)

(d) **Employment:**

- Total employment potential from proposed mine: _____

- Types of employment: Contract

Daily wage

Permanent

(e) **Fuel requirement**

Quantity of fuel (litre/day): _____

If fuel is stored at site, describe the safeguard measures that would be undertaken

9. Road construction:

(a) Describe the road connectivity from the proposed site.

(b) Will proposed site require construction of new roads?

Yes

No

If the answer is yes,

Length of the road (km)

Type of road constructed

Number of trees to be cut during the construction

PART 5: ENVIRONMENTAL MANAGEMENT PLAN

Sand mining is a listed activity as per the Environmental Management Act No. 7 of 2007 and it may not be undertaken without a valid Environmental Clearance Certificate. Therefore, it is recommended that an Environmental Management Plan section of this application is completed or a detailed separate EMP submitted.

| ENVIRONMENTAL CONSERVATION | |
|--|--|
| Conservation of flora (including cultivated crop fields, riverine ecosystems and River flow Regime) | Proposed mitigation measures for conservation of flora |
| | |
| Conservation of fauna (including wildlife and livestock) | Proposed mitigation measure for conservation of fauna |
| | |
| Rehabilitation of mined site (including borrow pits, tracks and roads) | Proposed measure for rehabilitation and resettlement |
| | |
| ENVIRONMENT PROTECTION | |
| Air pollution | Proposed mitigation measures for air pollution / dust control |
| | |
| Protection of water resources | Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources |
| | |
| Noise | Proposed mitigation measures for noise |
| | |

| ENVIRONMENT PROTECTION Continues. | |
|--|---|
| Health and safety of workers | Proposed measures for safety and health |
| | |
| Protection of archaeological and cultural site, if any | Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area |
| | |
| Waste management (i.e. general, mine and hazardous wastes) | Proposed measures for waste minimization and disposal |
| | |
| Amenities to workers | Details amenities proposed |
| | |

| EMP MONITORING, SITE CLOSURE AND DECOMMISSIONING | |
|---|--|
| EMP implementation records and reporting (attach record sheet) | |
| Financial provisions for rehabilitation, site closure and decommissioning | |
| Compensation measure and guidelines (with reference to relevant governing laws) | |

PART 6: OBLIGATIONS AND COMPLIANCE

The proponent recognises that its sand mining operations may have significant impacts on the environment. Accordingly the proponent undertakes that during the course of its operations it will take every practicable step necessary to ensure the mitigation of such impacts. In doing so it will comply with the obligations identified in the EMP and approved by the Ministry of Environment and Tourism represented by the Environmental Commissioner.

SIGNED AT _____ on this _____ day of _____ 20_____

For the proponent: _____
(duly authorised thereto)

For the Government of Namibia: _____
Mr. T. Nghitila
Environmental Commissioner
Ministry of Environment and Tourism