



ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

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In reply please quote

No:

ZEMA/INS/101/04/1

May 12, 2014.

The Director
Arab Contractors Zambia Limited
Plot No. 162, Kudu Road, Kabulonga,
LUSAKA.

Dear Sir,

**REF: PROPOSED GRANITE QUARRY MINING PROJECT IN KAFUE DISTRICT
LUSAKA PROVINCE BY ARAB CONTRACTORS ZAMBIA LIMITED.**

Reference is made to the above captioned project report submitted to the Zambia Environmental Management Agency (ZEMA) on **November 28, 2013** for consideration in accordance with the requirements of the Environmental Impact Assessment (EIA) Regulations, Statutory Instrument No. 28 of 1997.

ZEMA has since reviewed the Environmental Project Brief (EPB) and based on the information provided by yourselves and from written and verbal comments from interested and affected parties and our site verification inspection findings; the said EPB has been **approved**.

Find attached to this Decision Letter, conditions for approval.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Edwin Soko', is written over a white background.

Edwin Soko

Acting Director General

ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

Cc: The Council Secretary – Kafue District Council, **KAFUE**
The Director – Mines Safety Department, **KITWE**



Zambia Environmental Management Agency

1.0 PROJECT BACKGROUND **DECISION LETTER**

1.1 PROJECT TITLE:

Proposed granite quarry mining project in Kafue district Lusaka province by Arab Contractors (z) Limited.

1.2 PROJECT PROPONENTS:

Arab Contractors Zambia Limited
Plot No. 162, Kudu Road, Kabulonga,
LUSAKA.

Contact Person:

Arab Contractors Zambia Limited
Cell: 0968 239 890

1.3 PROJECT LOCATION:

The proposed Site is accessed through a gravel road 500m from Reubex quarry mine junction, off Kafue road. It borders with Reubex Quarry mine to the west, plain land to east and scattered villages to the southern part of the site in Kafue District of Lusaka Province. It covers a total area of 1.8 Ha.

1.4 DATE OF SUBMISSION BY PROPONENT:

28th November, 2013

1.5 DATE OF CONSIDERATION BY AGENCY:

29th April, 2014

2.0 DETAILS OF THE PROJECT:

The objective of the project is to set up a granite quarry mine and the related infrastructure such as crusher plant, canteen, site office and a workshop to produce high quality crushed granite for commercial and domestic consumption in order to bridge the gap between the demand for the product and its availability.





The developer will be using mechanized equipment such as bulldozers and front end loaders in its open cast. During mining excavations, the surface soils shall be removed and work from above Explosives such as dynamite will be used whenever necessary with special attention to rules and regulations relating to handling of explosives.

3.0 DECISION BY AGENCY

3.1 The project is **approved** subject to the following conditions:

- 3.1.1 Arab Contractors (z) Limited shall implement the project and all the environmental management commitments as proposed in the Environmental Project Brief (EPB) with changes as proposed by the Zambia Environmental Management Agency (ZEMA) in this Decision Letter and any other conditions that may be issued thereafter.
- 3.1.2 Arab Contractors (z) Limited shall comply with statutory demands (license, permits, and recommendations) from Mine Safety Department, Kafue District Council and any other relevant authorities.
- 3.1.3 Arab Contractors (z) Limited shall ensure that Blasting is conducted on site at reasonable times.
- 3.1.4 Arab Contractors (z) Limited shall maintain vibration and noise levels within acceptable levels throughout the project cycle, and shall frequently monitor vibration and noise levels around the project site especially in nearby communities.
- 3.1.5 Arab Contractors (z) Limited shall employ effective dust suppression techniques in all areas of operation throughout the project cycle.
- 3.1.6 Arab Contractors (z) Limited shall maintain the speed limit in all access roads that shall not endanger life or cause dust.
- 3.1.7 Arab Contractors (z) Limited shall conduct its activities in such a way as not to cause soil erosion which can lead to sedimentation of nearby streams.
- 3.1.8 Arab Contractors (z) Limited shall conduct progressive rehabilitation and re-vegetation of quarry, plant area and any other disturbed areas throughout the project cycle.





- 3.1.9 Arab Contractors (z) Limited shall progressively carry out re-vegetation of the cleared surfaces during the project life-cycle to produce a sustainable vegetation cover, improve visual aesthetics and minimize post closure re-vegetation requirements.
- 3.1.10 Arab Contractors (z) Limited shall not conduct open air burning at any given time throughout the project cycle.
- 3.1.11 Arab Contractors (z) Limited shall undertake an environmental audit of the project within a period of not less than twelve months and not more than thirty six months after completion of the project or commencement of its operations, whichever shall come first.
- 3.1.12 Arab Contractors (z) Limited shall prepare a closure report outlining implementation of all the environmental management commitments presented in the EPB at the end of the project for verification by the Zambia Environmental Management Agency before project implementation.
- 3.1.13 Arab Contractors (z) Limited shall at commencement of the project obtain applicable licenses or permits from the Zambia Environmental Management Agency and comply in full with the provisions of the Environmental Management Act No. 12 of 2011 and the Environmental Management (Licensing) Regulations, Statutory Instrument No. 112 of 2013.
- 3.1.14 Arab Contractors (z) Limited shall not dispose of waste at the project site. Waste shall be transported to the designated waste disposal site in accordance with the Environmental Management (Licensing) Regulations No. 112 of 2013.
- 3.2 The Agency recommends that Arab Contractors (z) Limited to:
- 2.2.1 Obtain any other relevant authorizations such as but not limited to:
- i. The Mines and Minerals Development Act,
 - ii. The Workers Compensation Act;
 - iii. The Public Health Act;
 - iv. The Town and Country Planning Act;
 - v. The Water Resources Management Act;
 - vi. National Heritage Conservation Act;
 - vii. The Employment Act.
- 3.2.2 Make available information on safety, health and environment to employees before commencement of the project.
- 3.2.3 Provide all workers with personal protective equipment and all workers shall undergo annual medical checkups.





- 3.2.4 Provide all workers with appropriate fire - fighting equipment and train all workers in firefighting and in occupational health and safety.
- 3.3 Arab Contractors (z) Limited shall comply with environmental standards and/or specific limits of particular pollutants. Thus, compliance with Zambia Environmental Management Agency recommended measures **does not exempt** Arab Contractors (z) Limited from its responsibility if such measures do not achieve compliance with environmental control standards.
- 3.4 Arab Contractors (z) Limited shall, in accordance with the requirements of Section 15 of the Environmental Management Act, No. 12 of 2011, allow inspectors from the Zambia Environmental Management Agency **unrestricted entry** to the project site for purposes of exercising their powers at any reasonable time without making prior notice throughout the project life cycle.
- 3.5 The implementation of the project shall commence **within three years** from the date of approval. Failure to commence the project within the stated period shall render this decision letter invalid and Arab Contractors (z) Limited shall be required to re-submit the EPB for consideration.
- 3.6 The Agency may suspend or cancel this Decision Letter **without notice** should Arab Contractors (z) Limited fail to comply with any of the approval conditions.



A handwritten signature in black ink, appearing to read "Edwin Soko".

Edwin Soko
Acting Director General
ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY