



## **MINISTRY OF MINING, BLUE ECONOMY AND MARITIME AFFAIRS**

### **STATE DEPARTMENT FOR MINING**

#### **EXPRESSION OF INTEREST (EOI) FOR REVIVAL OF FLUORSPAR MINING AT KIMWARER, ELGEYO MARAKWET COUNTY, KENYA (RE-ADVERTISEMENT)**

#### **TENDER NO. MMBE & MA/SDM/15/2023-2024**

#### **Background**

The Ministry of Mining, Blue Economy and Maritime Affairs, State Department for Mining (hereinafter “the Ministry”), is charged with the responsibility of regulating and promoting mineral development in Kenya. The Mining sector plays a significant role in Kenya’s social economic development.

The State Department invites expressions of interest from qualified bidders to establish and re-start mine operations at the Fluorspar Mine located in Kimwarer, Elgeyo Marakwet County, Republic of Kenya.

The mine will exploit fluorite deposits using existing project infrastructure including the processing plant and mining equipment, utilize available transport facilities and ferry the product to Mombasa for export to international markets.

It is estimated that at an average fluorspar concentrate production of 74,000 tpa, (range 35,000 tpa to 129,000 tpa) over the mine life, the mine could be in production for up to 40 years.

It is expected that this project will benefit residents of Elgeyo Marakwet County by improving the livelihoods of the beneficiary communities, through creation of direct and indirect employment opportunities.

#### **Objectives of the project:**

- To revive mining operations in Kimwarer and exploit fluorspar deposits therein;
- To utilize and make good use of facilities left by the vacated fluorspar mine operator;
- To provide a source of livelihood to the residents of Kimwarer area and Elgeyo Marakwet County in general;
- To improve the social economic status of beneficiary communities; and
- To increase revenues for the county and national levels of governments.

#### **Property Location and Description**

The Kimwarer Property is located within the Kerio Valley, adjacent to Kimwarer township with a population of approximately 1,500 and about 300 KM northwest of Nairobi.

The property is situated approximately 70 km (straight line) southeast of Eldoret, a city of approximately 500,000 people with regular commercial air services to and from Nairobi.

The property area has low to moderate relief, ranging from 25m to 100m. The topography of the area includes a wide valley bounded by escarpments (steep cliffs) at its eastern and western boundaries, extending into relatively flat terrain with little to moderate vegetation.

### **Existing Infrastructure**

The current existing site infrastructure consists of:

- A processing plant;
- Tailings storage facilities;
- Warehouse and stores;
- Explosives magazine;
- Mine maintenance yard and central workshop;
- Diesel power generators;
- An office block
- Metallurgical laboratory;
- Staff quarters and staff and community canteen
- A primary school and health centre
- A police post
- Assorted machinery – compressors, welding machines etc

### **Geology and Mineralization**

The Kerio Valley fluorspar deposits are situated within a splay of the Rift Valley, extending from Zimbabwe to Ethiopia in East Africa. The mineralized zones are situated within north, northeast and northwest trending shear zones with intense hydrothermal alteration.

The host rocks are Precambrian age alternating units of steeply dipping to sub-horizontal quartzofeldspathic gneiss, marble, biotite gneiss and quartzite. Surface traces of the mineralized units, interlayered with the meta-sedimentary rocks, indicate that they may represent an isoclinal folded sequence. In general, the surface traces of the mineralized zones coincide with topographic contours, and in places, with areas of topographic lows, and the alteration/mineralization zone ranges in width from 50m to 140m.

### **Mineral Resources**

The Mineral Resources at Kimwarer have been estimated at a mining discard cut-off grade of 10% CaF<sub>2</sub> and a minimum horizontal width of 5m of mineralization. At this cut-off grade, the Indicated Mineral Resources total approximately 21.9 Mt at an average grade of 31.4% CaF<sub>2</sub>. In addition, the various mineralized zones contain some 6.4 Mt of Inferred Mineral Resources at an average grade of 31.1% CaF<sub>2</sub>. From previous studies, a fluorspar concentrate of 97% CaF<sub>2</sub> grade at 99.8% recovery is feasible, based on the mineralogy of the sample. CaCO<sub>3</sub> is the main contaminant in a concentrate. At 97% CaF<sub>2</sub> grade, the CaCO<sub>3</sub> level will be 1.9%, which is double the acceptable limit of 1%. All other contaminants are below the maximum level.

### **Service Description**

The Government seeks an investor who will finance, revive and operate the Fluorspar Mine within Kimwarer Location of Elgeyo Marakwet County. There may be need for the investor to rehabilitate and maintain the machinery and other assets left behind by the former mining company.

It is expected that the successful bidder will among others, carry out the following studies before commencing operations:

- Upgrade the inferred resources to indicated resources by undertaking infill drilling;
- Undertake a geotechnical study for the existing open pits (4) in order to confirm pit slope angles and to minimize strip ratios;
- Undertake further work to optimize the open pit designs in order to reduce the overall material difference between the Whittle pit shells and ultimate pit designs;
- Undertake detailed mine planning in order to schedule a blending programme to meet a minimum mill head grade of 35% CaF<sub>2</sub> and mill grind ability requirements;
- Carry out further metallurgical test-work in order to confirm process recovery of 70% and acid grade fluorspar specifications can be met by processing lower grade material than historical production grades; and
- Carry out a waste rock dump location option study and dump design for the projected waste tonnage from the open pits in order to minimize haul distances and to confirm dump stability.

#### **Eligibility and qualification of bidders**

- Company profile;
- Technical and financial capability in mining and mineral processing;
- Proof of experience in marketing of minerals and mineral related products;
- A brief overview of fluorspar mine operationalization roadmap;
- A clear demonstration of the proposed benefit to be accrued to the Community and the National Government;
- Clear demonstration of effective environmental preservation;
- A clear demonstration of effective Corporate Social Responsibility;
- A Copy of certificate of incorporation/ business registration;
- A Copy of PIN and Tax compliance certificates;
- A copy of CR 12 or equivalent.

Shortlisting of bidders shall be based on the above criteria.

The EOI evaluation process will include a functionality/technical evaluation. No price evaluation will be done at this stage.

#### **Medium of Communication**

All documentation submitted in response to this Expression of Interest must be in English.

#### **Cost of Expression of Interest**

All Companies are expected to fully acquaint themselves with the conditions, requirements and specifications of this EOI before submitting responses. Each firm assumes all risks for resource

commitment and expenses, direct or indirect, of EOI preparation and participation throughout the EOI process. The Ministry is not responsible directly or indirectly for any costs incurred by Companies.

### **Correctness of Responses**

All applicants must confirm satisfaction regarding the correctness and validity of the EOI.

The Ministry Reserves the Right to:

- Extend the closing date;
- Verify any information contained in a response;
- Request documentary proof regarding any tendering issue;
- Cancel or withdraw this EOI as a whole or in part; and
- Not to include any supplier on the list of suppliers on the approved database based on functional criteria not met.

### **Disclaimer**

This EOI is an expression of interest only and not an offer document. Answers to it must not be construed as acceptance of an offer or imply the existence of a contract between the parties. By submission of its EOI, Companies shall be deemed to have satisfied themselves with and to have accepted all Terms & Conditions of this EOI. The Ministry makes no representation, warranty, assurance, guarantee or endorsements to service provider concerning the EOI, whether with regard to its accuracy, completeness or otherwise and the Ministry shall have no liability towards the service provider or any other party in connection therewith.

### **EOI Submission:**

Eligible firms are to submit their clearly labelled “**EXPRESSION OF INTEREST (EOI) FOR REVIVAL OF FLUORSPAR MINING AT KIMWARER, ELGEYO MARAKWET COUNTY, KENYA (RE-ADVERTISEMENT) TENDER NO. MMBE & MA/SDM/15/2023-2024**”

by hard copy to be deposited in the Tender Box situated on **2nd Floor, Works Building** so as to be received **not later than Thursday, 2<sup>nd</sup> November, 2023 at 10:00 a.m. East African Time.**

The Envelope should be clearly addressed to:

**The Principal Secretary  
State Department for Mining  
Ministry of Mining, Blue Economy and maritime Affairs  
P.O. Box 30009-00100  
Nairobi.**

### **EOI Opening:**

The EOI documents will be opened immediately thereafter in the presence of bidders’ representatives who choose to attend at **Works Building, 3rd Floor, Ministry Boardroom.**

Only successful prequalified firms will be invited to the next stage of Request for Proposal (RFP) for Revival of Fluorspar Mining at Kimwarer in Elgeyo Marakwet County, Kenya.

Late submissions will not be accepted.

This EOI is also available in the Government of Kenya Tender Portal [www.tenders.go.ke](http://www.tenders.go.ke). And in the Ministry's website [www.mibema.go.ke](http://www.mibema.go.ke)

The Ministry reserves the right to accept or reject any or all applications.

**PRINCIPAL SECRETARY  
STATE DEPARTMENT FOR MINING**

**ANNEXURE A.**

<b>Competence</b>	<b>Criterion</b>	<b>Key Aspects of Criterion</b>	<b>Points</b>
Experience	The Bidder possesses experience in exploration, mine development, mining and related research	More than 10 years working experience	20
		5-10 years working experience	10
		3-5 years working experience	7
		Less than 3 years working experience	3
		No experience	0
References for Previous Work		More than 5 project references	10
		3-5 project references	7
		2 project references	5
		Less than 2 references	3
		No references	0
Financial Capability	Proof of Financial Capability to undertake the Project	Audited Financial Statement for the last three years	10
		Bank Reference	10
Marketing	Proof of experience in marketing of minerals and mineral related products	Provide list of potential clients	5
		Proof of recent transactions in relation to minerals and mineral products	5
Methodology	An overview of the proposed Fluorspar mine operationalization roadmap	Schedule of activities leading to the proposed mine operationalization	20
Qualifications	The Bidder is expected to have relevant qualifications in exploration, mine development, mining and related research	Relevant Qualifications	20
		Qualification not relevant	0