



FIRST QUANTUM
MINERALS LTD.

Cobre Panamá

Expression of Interest (EOI)

**MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES
AND DISTRIBUTION LINES
for Cobre Panama.**

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1. Introduction

Cobre Panamá is an open-pit copper mining operation located approximately 120 kilometres west of Panama City and approximately 20 kilometres in straight line from the Caribbean Sea coast, in the district of Donoso, Colon province, in the Republic of Panamá.

Cobre Panama is operated by Minera Panama S. A. (“MPSA” or “the Company”), a subsidiary of First Quantum Minerals Ltd. and commenced production in 2019, with an expected operating life of 37 years.

Access to the Cobre Panama mining operation is via the Pan-American Highway, from Panama City to Penonome, then through Llano Grande and Coclesito. The topography in the concession area is low elevation (less than 300 metres above sea level), but rugged with and covered by tropical rainforest. Roads within the project area are not paved, they are either improved with coarse rock or unimproved. Climatic conditions are tropical with high levels of precipitation, high humidity and relatively high temperatures of 25°C to 30°C year-round.

Through the websites www.first-quantum.com and www.cobrepanama.com you can access all the information and maps of the Cobre Panama site.

Cobre Panama is currently receiving Expressions of Interest for the following bidding process: **MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES AND DISTRIBUTION LINES.**

2. Purpose

This Expression of Interest process aims to identify a short list of bidders or proponents, who must have the ability to demonstrate that they meet the requirements, experience and capabilities to meet the operational expectations of Cobre Panama, in relation to the provision of the **MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES AND DISTRIBUTION LINES.**

We are pleased to clarify that this call for “Expression of Interest” does not constitute a call for bids or Request for Proposal. The EDI is an initial phase whose purpose is to identify suppliers interested in participating in the future bidding process for the **MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES AND DISTRIBUTION LINES.**

3. Presentation of Expression of Interest

Positive Expressions of Interest will be accepted until **12:00 noon on 18-Nov-2022 (Panama time)**. Interested companies must register their interest by means of a written communication, which must be sent through the email address of the MPSA Representative, attaching the requested documentation according to the detail presented in Section 5 of this document.

4. MPSA Representative

All correspondence to be exchanged with the Company, in relation to this process, including questions and clarifications, should be addressed to:

Henry Jenkins – Category Management Advisor
E-mail: MPSATenders_Services@fqml.com

5. Preparation of EDI and Documentation

Together with the positive Expression of Interest, companies must submit the following documents, which are mandatory:

- a) Letter of Expression of Interest, according to the form included in Annex 2.
- b) Download on the Website and complete the List of Suppliers form (Excel).
- c) Submit a copy of I aviso de operaciones.

6. Proceso de Pre-calificacion

In Q1-2023, the Company expects to start a pre-qualification process for the suppliers identified as a result of this Expression of Interest process, which must have the ability to demonstrate that they meet the requirements, experience and capabilities to cover the operational expectations of Cobre Panamá, for which they will be requested to send specific documentation for said pre-qualification.

7. Key dates

In the following box, the Company presents the probable dates of the future process Tender , which are subject to change , at the Company's discretion :

Description	Date
Response to EOI	18-Nov-2022
Start of the Pre-Calificación	Q2-2023
Start of the Licitación	Q3-2023

8. EDI Terms and Conditions

The EDI process will be subject to the following conditions:

- a) Expressions of Interest received after the EDI submission closing date , defined in Section 3 of this document, will be considered late. A late Expression of Interest may or may not be considered valid , at the sole and exclusive discretion of the Company.
- b) Minera Panama may , at its exclusive and sole consideration , select the list of bidders who will be invited to participate in the Service Bidding process . Minera Panama is not required , nor is it required , to pre-select all or any of the bidders for the tender. Those selected suppliers will be notified in writing , as well as those that are not selected.
- c) Each entrant acknowledges and agrees that:
 - i. This EDI is solely a request for Expression of Interest and does not constitute , in any way , a purchase or contracting commitment or any other form of contractual or non - contractual commitment to you or to the potential supplier.
 - ii. Minera Panama is not obliged to make the call for bids.
 - iii. Minera Panama reserves the right to terminate this process at any time or for any reason, informing , in writing , all Participants without subsequent liability, risk or obligation of any kind.
- d) Minera Panama has no liability to any participant for any claim arising out of or in connection with any act or omission of Minera Panama in connection with any or all of this EDI process .
- e) Minera Panama may amend or correct , at any time, and at its sole discretion, the requirements of this Expression of Interest before the closing time and day of this process. Any such addendum or correction will be published as an annex and will become part of this document.

Annex 1

Scope of service

1. Scope of Service – General Description

The scope is detailed below of **MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES AND DISTRIBUTION LINES** for Cobre Panama:

- Perform maintenance service and complete repairs, according to specifications of NEC, NFPA70E, ETESA, OPERATION AND MAINTENANCE MANUAL CND for the Transmission Line System.
- The proponent must carry out the maintenance and repair of the electrical transmission and distribution line system to and from the mine site, simply described below:
 - The Company connects to the National Grid at the Llano Sánchez substation with a 230kV double-circuit transmission line with 279 towers, identified in the national system as follows:
 - ETESA 230-41 (94-km 230kV - 1024 kcmil 300MW)
 - ETESA 230-42 (94-km 230kV - 1024 kcmil 300MW)
 - These lines reach the Botija substation (located on the mine site) where they connect to a double busbar yard. The Botija substation supplies power to the electrical equipment of the mine in general. From the Botija Substation there is a 230 kV double circuit transmission line, with 80 towers, which goes to the Punta Rincón substation, the circuits are identified in the national system as follows:
 - ETESA 230-43 (22 km 230kV - 1024 kcmil 300MW)
 - ETESA 230-44 (22 km 230kV - 1024 kcmil 300MW)

The Punta Rincón substation is an encapsulated SF6 (GIS) substation configured as a single bus. This substation is connected to two coal-fired thermoelectric generation units.

Scope – Generalities

Among the Activities to be carried out by the Contractor, the following can be mentioned:

- Cleaning of the right-of-way of the towers of the transmission and distribution line system.
- Guarantee a minimum of 12 months warranty on all work performed.
- Carry out technical inspections of the components of the transmission and distribution line system.
- Replace damaged glass insulators.
- Replace mooring cables due to breakage and severe wear.
- Clean insulators when necessary or instructed to do so.
- Replace or splice conductors that are damaged, or show breakage due to fatigue.
- Repair or replace the vibration damper.
- Replace tower hardware, bolts, and nuts as needed.
- Repair corroded tower parts when necessary.
- Remove foreign objects, such as bird's nests and others, from transmission and distribution line system structures and components.
- Make sure towers are properly marked and numbered according to design, note phase colors and conductor direction on tower frames.
- Execute required tests and obtain certification after repairs or maintenance activities. According to the type of electrical work performed, the Company Representative will determine the applicable tests and certifications.
- The proponent must present a list of personnel certified by the Technical Board of Engineering and Architecture (JTIA), for the professions and tasks that require it.

2. Duration of the contract

Mining Panama expects to manage a contract for a period of **2 years** , which will be subject to evaluations por parte de la compañía y el plazo final del contrato será indicado en el documento final de licitación.

Letter of Expression of Interest

Panama, ___ of _____ 2022

Gentlemen,

In attention to the publication, be means of which an invitation made to companies related to **MAINTENANCE AND REPAIR OF POWER LINES** to present background information related to their specialty and to formulate in writing their Expression of Interest in participating in the process of identification of companies for the subsequent presentation of technical and economic proposals, related to the service of **“MAINTENANCE AND REPAIR SERVICE OF TRANSMISSION LINES AND DISTRIBUTION LINES”** for the Cobre Panama Project, we declare that:

1. We have examined the forms of the so-called “Expression of Interest” process, and we have no reservations in providing the requested background and data, according to the pre-established formats.

2. The truthfulness and accuracy of all information provided and we hereby authorize any natural or legal person indicated in the forms to provide, at the request of Minera Panama, all information deemed necessary to confirm the truthfulness of the same. In the event that any misrepresentation in the information we submit is proven untrue, we are hereby notified that you have the right not to acknowledge our “Expressions of Interest”.

3. For the purpose of evaluating queries or providing clarifications that Minera Panama may require regarding the EOI, Mr./Mrs. _____ is appointed to provide, on behalf of _____, the supplementary information required.

4. The company _____ and its affiliates or subsidiaries, including any firm or specialized professional hired, is not sanctioned and/or barred from practicing the profession, and is not involved in any lawsuits in connection with the practice of the profession that is the subject of this Expression of interest.

On this occasion we send you our best regards,

Signed _____

Name _____ as _____

Duly authorized to sign the application for and behalf of:

On the ___ day of _____ 2022

(This form requires the signature of the Legal Representative)