
INVITATION TO TENDER

PROVISION OF HYPERSPECTRAL CORE SCANNING, PROCESSING AND INTERPRETATION SERVICES IN JWANENG AND ORAPA MINES

Suitably qualified and experienced Companies are hereby invited to submit an Expression of Interest (EOI) to participate on the following RFP:

DOC2781167532 – PROVISION OF HYPERSPECTRAL CORE SCANNING, PROCESSING AND INTERPRETATION SERVICES IN JWANENG AND ORAPA MINES

BRIEF

Debswana Diamond Company (Pty) Ltd, through its H2 Resource Evaluation Projects, invites suitably qualified and experienced companies to submit Expressions of Interest (EOI) to participate on an RFP for the Provision of Hyperspectral Core Scanning, Processing and Interpretation Services in Jwaneng and Orapa Mine sites.

This initiative aims to reduce manual core logging and data collection, while promoting the adoption of advanced technologies to enhance the quality and efficiency of geological and geotechnical data acquisition.

The selected consultant shall be responsible for delivering core scanning services to derive key geoscientific parameters, including mineralogical and geochemical composition, swelling clays, dilution variability, geotechnical and lithological characteristics (with emphasis on dolomite and kimberlite formations). The scope also includes knowledge transfer to Debswana personnel.

The consultant shall perform high-resolution core scanning, process the resulting data, identify and estimate key geoscientific parameters, and produce comprehensive interpretative reports. The total scope encompasses approximately 30,000 meters of drill core, including volcanoclastic, pyroclastic kimberlite, kimberlite breccias, and country rock, recently drilled at the Jwaneng D/K2 and Orapa A/K1 mines. Approximately 80–85% of the work will be conducted at Jwaneng, with the remaining 15–20% at Orapa Mine.

ELIGIBILITY CRITERIA

This tender is open to both Debswana-Ariba registered and non-Ariba registered companies. However, only consultants that meet the following minimum requirements, in addition to other prerequisites stipulated in the Request for Proposal (RFP) documentation, will be considered eligible:

1. Relevant Experience

Consultants must demonstrate proven experience in hyperspectral core scanning and the successful delivery of geoscientific outputs aligned with the scope of this project. The submission should include examples of previous work that reflect the following key deliverables:

- **Generation of mineralogical logs:** Evidence of prior projects where mineralogical data was accurately captured and interpreted using hyperspectral technologies.
- **Development of compositional mineral maps:** Experience in producing high-resolution RGB and Corescan image products derived from full-range spectrometer systems.
- **Clay content analysis:** Demonstrated capability in identifying and quantifying swelling and non-swelling clays, with implications for geotechnical assessments.
- **Dilution studies:** Previous work showcasing the ability to assess and interpret dilution variability in core samples.
- **Structural and geotechnical interpretation:** Proven ability to extract and analyze structural features and geotechnical parameters from scanned core data.
- **Integration of additional relevant geoscientific data:** Experience in compiling and interpreting supplementary data sets that enhance geological understanding and support decision-making.

Submissions must include robust supporting documentation, such as:

- Traceable client references
- Detailed project profiles highlighting size, schedule, budget, and outcomes
- Clearly defined scopes of work for each referenced project

The submission should demonstrate the contractor's capacity to execute, manage and deliver projects of similar magnitude, ensuring safety, quality and on-time completion.

2. Access to Critical Resources

Bidders must demonstrate availability of and access to all essential resources required for the successful and timely execution of the works. This includes, but is not limited to:

- **Equipment & Tools:**

Consultant must provide evidence of ownership of the key equipment and tools proposed for the project. All equipment and tools referred to above shall be compliant to Debswana's FRCS Technical Standards.

- **Qualified and Experienced Personnel:**

Bidders must present the proposed execution team organogram comprising of personnel with relevant qualifications and experience, including project management, engineers, SHE officers, and skilled operators.

- **Modern Hyperspectral Core Scanning Technologies:**

Demonstration of the use of advanced hyperspectral core scanning techniques and tools that will enhance efficiency, quality, and safety in project execution.

All submissions must be supported by **relevant documentation**, such as equipment asset registers, CVs, qualifications certifications, standard operating procedures and method statements etc.

3. Local Empowerment and Participation

Debswana places significant emphasis on **citizen economic empowerment** and **skills development**. In line with this commitment, contractors are expected to actively demonstrate support for the following:

- **Meaningful participation** of citizen-owned or majority citizen-owned companies in project execution
- **Local procurement** of goods and services wherever possible
- **Skills transfer and capacity-building initiatives**, particularly where the bidding entity is majority foreign-owned.

These expectations align with Debswana's broader socio-economic development goals and its commitment to fostering sustainable local growth.

4. Joint Ventures and Partnerships

Bids from Joint Ventures (JVs), Partnerships, and Sub-Contracting arrangements are permitted and encouraged, provided that:

- All JV or partnership agreements are formally established and legally binding

- Roles and responsibilities of each party are clearly defined
- The overall arrangement contributes to skills transfer and citizen participation

Debswana remains committed to sustainable development and inclusive economic participation and therefore encourages consultants who align with these principles in submitting their proposals.

Further details, submission procedures, and full evaluation criteria are provided in the RFP documentation.

TENDERING ON ARIBA

Debswana has adopted SAP Ariba – an online bidding and supplier management solution for all its tendering and supplier registration requirements.

It is important to note that bidders who are already registered with Debswana on SAP Ariba are only required to register their interest to participate on the RFP as per Part 1 below.

On the one hand, bidders who are **NOT** registered with Debswana as Suppliers on SAP Ariba are required to register their interest as per Part 1 below and shall be sent an invite to register as per Part 2, subject to the conditions stipulated therein.

PART 1: INDICATING INTEREST TO PARTICIPATE IN THE RFP

- a) Interested bidders are required to submit their Expression of Interest by **14 November 2025** at 1700hrs through completion of the Microsoft Forms on the link below or follow the QR code:

<https://forms.office.com/r/krbLp9nUxp>



- b) Bidders who have registered their interest to participate and are not registered on SAP Ariba will be emailed a registration link and will subsequently be required to create a SAP Ariba Network Supplier account. (Refer to Part 2 for further details.).

NB: This registration will only be partial registration to allow receipt of the RFP documents and participation on the RFP event, full registration will only take place if supplier is awarded the RFP.

- c) The RFP will only be issued to bidders who meet Debswana's internal compliance and supplier participation requirements, in line with applicable trading and governance policies. A notification email will be issued confirming the invitation to participate in the RFP process.
- d) Participants will be able to access the RFP via the SAP Ariba platform and will be required to submit their responses within the same system.

PART 2: REGISTERING AS A VENDOR ON SAP ARIBA

In order to participate in any event on Ariba, a supplier will need to be registered on Ariba and have a valid SAP Ariba Network Supplier account and profile by following the steps below:

- a) Click on the registration link sent via email to complete and submit the Supplier Registration Request, this link will be shared following the Part 1 above.
- b) Follow the outlined steps provided to start the vendor registration process.
- c) Suppliers are expected to initiate the registration process within three (3) days of receiving the registration link. Failure to do so will be deemed as a forfeiture of participation.

SUBMISSION

Bidders are required to submit their respective bids on or before the **19 December 2025 at 1600hrs (CAT)** through the **Debswana SAP Ariba platform** as per the instructions to be provided on the RFP.

Offline Tenders and Tenders received via telephone, telex, email or facsimile will not be considered. Debswana reserves the right to accept or reject any tender and does not bind itself to accept the lowest tender.

For any enquiries please contact Mr. S. Molefe at Tel: +267 361 4275 / 72 526 758 or e-mail: smolefe@debswana.bw

This tender notice can also be viewed at: <https://www.debswana.com/about-the-debswana-supply-chain/>