



REQUEST FOR INFORMATION (RFI): "Explosion Resistant Walls Services ZIB02_23"

Thungela Resources ("Thungela") hereby requests your company information to be considered for the undermentioned procurement/opportunities.

Colliery Name: Zibulo Colliery – eMalahleni Local Municipality
Reference: Explosion Resistant Walls Services ZIB02/23
RFI Issue Date: 22 February 2023
RFI Closing Date and Time: 01 March 2023 at 12H00 noon

1. The Opportunity

Zibulo Colliery is planning to embark on a Request for Proposal (RFP) process for the **Explosion Resistant Walls Services ZIB02/23** as detailed in the below-mentioned scope of work.

2. Qualifying Criteria

- A minimum of 51% Black Owned businesses from within Zibulo Colliery's Host Communities
- Own or have access to Equipment required to execute Explosion Resistant Walls Services
- Have relevant experience and references for the Explosion Resistant Walls Services

3. Scope of Work

The following are key scope activities to be undertaken:

1. Cordon off/ barricade the work area in a safe and effective manner.
2. Clear site of all obstacles impeding the intended construction and excess coal.
3. Deal with existing ground water in the vicinity of the proposed construction site including the construction of a temporary berm from the excess coal.
4. Clean all interfaces of loose coal, moil back to sound strata primarily along the rib sides and roof / headwall and footwall.
5. Install rock dowels along the interfaces.
6. Shape the head wall / roof.
7. Create a "letter box" arrangement in the roof at the highest point to aid the effective flow of concrete.
8. Design the formwork to withstand the pour pressures, to be approved by the engineer.
9. Design the required concrete mix to ensure that the concrete rheology is maintained at all times and that the heat of hydration is kept to a minimum.
10. Install the required concrete equipment complete both on surface and underground to effectively ensure a continuous concrete pour.
11. Pour the concrete into the formwork. Where designed timber/ steel formwork is not employed and a masonry block wall is used as a permanent shutter, a maximum daily lift of 1000mm will be permitted. It is imperative that all concrete interfaces are free of containments and laitance and that the aggregate is effectively exposed to ensure proposer interlocking bond.
12. Remove the formwork.
13. Cork the roof / concrete interface to ensure air tightness and effective shear interaction.

4. Technical Expertise Requirements

The Supplier shall provide the following:

- Comprehensive method statement demonstrating relevant experience in works of the similar magnitude.
- Records of relevant past projects of similar magnitude; and,
- CVs of key staff reflecting relevant skills; qualifications and competencies for validation and authorization by Thungela Resources.
- Thungela Resources reserves the right to conduct random interviews with key Supplier staff.

5. How to Apply

- 5.1 For submissions, please copy and paste the below link to internet explorer/google-chrome/Edge browsers: <https://forms.office.com/e/xqxq9KR3dU>
- 5.2 Supporting documents and list of relevant work done and contactable references - Send separately to the following email address: rfx.submissions@thungela.com with the reference number and company name on the subject line. This information is to be sent to the email (quoting RFI reference) on or before the closing date of this RFI.

NB: Only submissions received via this link and email address will be considered.

6. Thungela's Thuthukani (ESD) Programme

If you are interested in Thungela's Enterprise and Supplier Development (Thuthukani) Programme, kindly click the link to apply: [Thungela | Raizcorp](#)