

High Risk Scope of Work Form

Document Reference:	Revision Number	Original Issue Date	Review Date
BGC-CORP-FORM-004	0	January 20, 2025	January 18,2030

Project Name:	Drilling of 2 Dewatering Boreholes including Borehole pumps installation and Pumping Tests in ARK.
Site Location:	Kibali
Risk Rating of SOW: (Based on Pre-Job Risk Assessment)	<input checked="" type="checkbox"/> High <input type="checkbox"/> Very High <i>(Check one)</i>

Stakeholders	Name	Signature	Date
Requestor	Jahsonya Saambili		31 March 2026
Technical Representative	Ali Hugues		2026/03/31
Health and Safety Manager	Duncan		2026/03/31
Environmental Manager <small>If applicable</small>	N/A		2026/03/31
Community Relations Manager <small>If applicable</small>	N/A		2026/03/31
Department Manager	Masesa Salamba		2026/03/31
Contract Specialist	Servais Mango		2026/03/31

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1. PROJECT OVERVIEW

Outline the specific deliverables, objectives and boundaries of the project.

The project is part of the ARK PFS, it consists of drilling and constructing 2 dewatering boreholes. The boreholes size is 10 inch and depth 200m. The will be equipped with 8 inch size PVC and gravel pack, with headworks. Two boreholes pumps of capacity 15 kW will installed in each borehole at an average depth of 120 m. Pumping test to be carried out for aquifer characterization.

2. GENERAL DESCRIPTION OF WORK

2.1. DELIVERABLES (KPI'S)

Deliverable	Description	Expected Date
Deliverable 01	Two (2) completed and operational boreholes fulfilled constructed with PVC (plain and screen), gravel pack, headworks and lockable cap.	2026/04/15
Deliverable 02	Two (2) submersible pumps, of 15kw each, installed inside the borehole at depth 120m	2026/04/17
Deliverable 03	Electrical control system.	2026/04/17
Deliverable 04	Pumping tests results and interpretation	2026/04/21
Deliverable 05	Borehole construction logs and test pumping reports	2026/04/22
Deliverable 06	Click or tap here to enter text.	Click or tap to enter a date.

2.2. PROJECT LOCATION

Provide an address and describe the specific location of the scope of work.

Haut_Uele, Durba, Kibali Gold Mine Site, Maison 35

2.3. EQUIPMENT AND TOOLS REQUIRED

List all equipment and tools required to perform the Job.

Items supplied by Contractor

A fully operational drill rig or compressor meeting all safety and regulatory standards.
Air pressure hose or drill rods, and tools
uPVC (Plain and screens)
Gravel pack
Borehole pumps, starter boxes, boreline and fittings

Items supplied by Barrick

Safety trainings
Equipment inspections
Safe and secured parking
Maintenance of roads, access, drill pads
Barricades

2.4. INSURANCE AND WARRANTY REQUIREMENTS

Provide list of applicable insurances or warranties.
Requirements to be identified by the Contract Specialist

N/A

2.5. PROJECT RISK IDENTIFICATION

All project risks shall be identified within the Pre-Bid Risk Assessment taking into consideration all safety, environmental and community risks. Please attach the Pre-Bid Risk assessment to this document.

3. HEALTH AND SAFETY REQUIREMENTS

The Contractor shall apply all requirements established in Barrick's Health and Safety standards, as well as policies and procedures. The Contractor must consider all the requirements to prepare and submit a specific health and safety plan for the project using Barrick's Safe Work Plan form (please attach).

3.1. SPECIFIC SAFETY REQUIREMENTS

List the specific safety requirements associated with the job/work and all applicable procedures.

- Before be granted any permit for accessing the site, all type of vehicle should undergo a mandatory inspection by Kibali LME.
- The contractor's personnel must comply with all site-specific access control procedures, safety protocols, and regulations.
- Personnel must carry and display appropriate identification as required by the client to verify their access rights.
- All personnel shall undergo **HSE induction training** prior to commencing work.
- Specialized training shall be provided for high-risk tasks (e.g., drilling operations, welding, electrical work, lifting, Mobile equipment).
- Regular refresher sessions shall be conducted to reinforce safety culture and environmental awareness.

3.2. HEALTH AND SAFETY PROCEDURES

List all applicable Health and Safety operational procedures.

- The contractor must have and maintain a documented HSE management system that covers all aspects of the services provided, including compliance with all applicable HSE laws, regulations, and industry standards.
- The contractor is responsible for supplying and ensuring that all personnel wear appropriate PPE at all times while on site
- The contractor must have an emergency response plan outlining procedures for various incidents
- The contractor must maintain a strict drug and alcohol policy. Personnel are not permitted to be under the influence of any intoxicating substance while performing work
- All contractor personnel must participate in and pass a Mining-specific safety induction provided by the client/KMS before starting any work
- The contractor must perform along with KGM safety a job-specific risk assessment for each day's work, identifying potential hazards and implementing control measures to mitigate risks.
- The contractor must have a documented plan (method statement approved by KGM). All lifting operations involving the crane must be properly planned, supervised, and carried out safely
- The contractor must immediately report all incidents, near-misses, and property damage to the client, regardless of severity
- Both the contractor's and client's personnel have the right and responsibility to stop any operation they deem unsafe

4. ENVIRONMENTAL REQUIREMENTS

The Contractor shall apply all the requirements established in Barrick's Environmental Guidelines for Contractors, comply with Barrick's Environmental Policy, and meet all other applicable environmental requirements, procedures or standards to present the specific environmental management plan for the project if applicable.

4.1. ENVIRONMENTAL SPECIFIC REQUIREMENTS

List the specific Environmental requirements associated with the job/work and all applicable procedures.

- The contractor must operate in accordance with a documented Environmental Management System (EMS).
- The contractor's EMS must ensure compliance with all national and local environmental laws and regulations, and adhere to industry best practices to minimize environmental impact.
- The contractor must take all necessary precautions to prevent pollution incidents, spills, and leaks of fuel, oil, and other hazardous materials.
- The contractor should use natural resources, such as water, electricity, and fuel, efficiently and rationally.
- The compressor must be well-maintained to minimize emissions and comply with relevant air quality standards. Driving should be efficient and safe to minimize emissions and fuel consumption.
- The contractor's equipment should operate below specified noise levels to minimize environmental and community disturbance.
- The contractor must have a plan for managing all types of waste generated during the service, including hazardous and non-hazardous waste.
- Waste must be properly collected, monitored, and disposed of at designated, approved sites (ORICA waste yard). The burning of waste is forbidden.
- All hazardous materials, including fuels and lubricants, must be stored in appropriate, clearly labeled, and secured containers, away from watercourses.
- The contractor must have appropriate spill containment and absorbent materials readily available on site, and personnel must be trained in their proper use.
- Any washing of equipment must be done in a designated area to prevent pollutants from entering the soil or water.

4.2. ENVIRONMENTAL PROCEDURES

List all applicable Environmental operational procedures.

- **Immediate notification:** The contractor must notify the client immediately of any environmental incident, spill, or accident, regardless of size, that occurs as a result of their service.
- **Documentation:** All environmental incidents must be fully documented, including a description of the event, the corrective actions taken, and measures to prevent recurrence.
- **Regulatory compliance:** The contractor is responsible for complying with all applicable environmental laws and regulations in the Democratic Republic of Congo.
- **Client inspections:** The client reserves the right to perform inspections to ensure the contractor's compliance with all environmental requirements.
- **Record-keeping:** The contractor must maintain and provide all necessary environmental documentation and records, such as waste manifests and spill reports, upon request.

5. SOCIAL REQUIREMENTS

For the development of this project, the Contractor must apply all the social requirements established in Barrick's social performance policy, with the objective to support the company's social commitment to sustainable development.

5.1. SOCIAL SPECIFIC REQUIREMENTS

List the specific social requirements associated with the job/work and all applicable procedures.

N/A

5.2. SOCIAL PROCEDURES

List all applicable Social operational procedures.

N/A

6. CERTIFICATIONS AND COMPETENCIES

Mark an X in the box next to all applicable certifications and competencies.

COMPETENCE	Applies	COMPETENCE	Applies
Fall From Heights	<input type="checkbox"/>	Fire (Hot Work)	<input type="checkbox"/>
Confined Space	<input type="checkbox"/>	Hazardous Substances	<input type="checkbox"/>
Stored Energy (LOTOTO)	<input checked="" type="checkbox"/>	Excavations and Penetration (trenching)	<input type="checkbox"/>
Lifting	<input checked="" type="checkbox"/>	Working with High Voltage Lines	<input type="checkbox"/>
Hazards Recognition/ Risk Assessment	<input checked="" type="checkbox"/>	Mobile Equipment	<input checked="" type="checkbox"/>
Blasting and Explosives	<input type="checkbox"/>	Other:	<input type="checkbox"/>

Other Applicable Competencies/Certifications

Click or tap here to enter text.

7. SOW MANAGEMENT

The following documents must be attached when submitting this form to the Contract Specialist:

- Pre-Bid Risk Assessment
- Reference Documents: Images, documents, drawings
- Other: Click or tap here to enter text.

8. APPENDIX

Documents:

Drag and drop documents from your files here...



Images/drawings:
Drag and drop images from your files here...



S No	Description	UoM	Qty	Rate	Amount
A	Mobilization and Site Preparation				
1	Mobilization must include but not limited to all the cost required for site set-up, transport of rig, ancillaries, accommodation for crew, security and any other activities required for completion of the specified borehole.	Lump Sum	1	\$ -	\$ -
2	Site clearing & preparation (Site acquisition, clearing small vegetation, level platform, access tracks short section)	Lump Sum	1	\$ -	\$ -
3	Demobilization to include but not limited to removal temporary works, Clearing the site as per Owners requirements, removal of debris, drilling spoils & cuttings. Dumping the same in specified area with a lead of 1 km.	Lump Sum	1	\$ -	\$ -
4	Hydrogeological Study and drill point to be identified.	No.	1	\$ -	\$ -
B	Drilling - Soft Rock (overburden)				
	Drilling - Scope of work is to drill the bore hole as per below specification including but not limited manpower, supply of fuel, drill rods, drillbits, and all other items required for completion of the successful drilling.				
	Drilling of 14 Inch Hole				
5	0 - 40 mtrs	m	40	\$ -	\$ -
	Supply and Installation of 12 inch Starter Casings				
6	0 - 40 mtrs (+2m above the ground)	m	42	\$ -	\$ -
C	Drilling - Hard Rock				
	Drilling - Scope of work is to drill the bore hole as per below specification including but not limited manpower, supply of fuel, drill rods, drillbits, and all other items required for completion of the successful drilling.				
	Drilling of 10 Inch Hole				
7	41 - 100 mtrs	m	60	\$ -	\$ -
8	101 - 200 mtrs	m	100	\$ -	\$ -
	Supply and Installation of 8 inch PVC Borehole Casings				
9	0 - 128 mtrs (Solid/Plain casings) + 4 mtrs above the ground	m	132	\$ -	\$ -
10	128- 200 mtrs (Slotted Borehole screen of slot size 2mm)	m	72	\$ -	\$ -
11	Centralizers	No.	20	\$ -	\$ -
D	Accessories				
12	Supply & installation Gravel pack / filter pack material	m3	5	\$ -	\$ -
13	Supply & apply Cement grouting for annulus sealing	m3	2	\$ -	\$ -
14	Development / well development (surging, airlifting, jetting)	Hr	8	\$ -	\$ -
15	Pump test (step drawdown + constant rate) — pump hire, operator, power	No.	1	\$ -	\$ -
16	Water quality laboratory tests (basic panel: pH, EC, turbidity, TDS, coliforms)	No.	1	\$ -	\$ -
17	Casing sealing at surface/headworks: Concrete plinth, Sanitary seal and locking wellhead	No.	1	\$ -	\$ -
E	Supply & installation of the below mentioned pump, Pipes, Cable and other required accessories for successful completion.				
18	Submersible Pump of 15 kW rating of Make Grundfos and Model Grundfos SP30-17 or equivalent	No.	1	\$ -	\$ -
19	Borelines Layflat hose 3 inch	m	150	\$ -	\$ -
20	Boreline couplings	No.	2	\$ -	\$ -
21	Tie Rope for holding of the Motor in the Borehole	m	200	\$ -	\$ -
	Supply of plumbing fittings				
22	HDPE Pipes of 110 mm 16 PN Rating	m	800	\$ -	\$ -
23	Double Nipple Galvanised Steel Threaded Fitting 3 Inch x 200 mm	No.	2	\$ -	\$ -
24	Galvanized Steel Coupling threaded 3" NPT Female	No.	2	\$ -	\$ -
25	Galvanized 90 degree Elbow F/F Threaded 3"	No.	1	\$ -	\$ -
26	Bronze Gate Valves of Size 3 inch of PN rating 16	No.	2	\$ -	\$ -
27	HDPE Couplings 110 mm	No.	25	\$ -	\$ -
28	HDPE Male Adaptor 75 mm x 110 mm Female	No.	4	\$ -	\$ -
	Electrical works for pump:				
29	Supply and install Cable of Specification 16 Sqmm Cu Cable. The scope includes termination of the Cable with the Pump Motor and the Control Panels.	m	150	\$ -	\$ -
30	Supply and Installation of Control Panels of Specification 15 kW as required for the Pumps including Starter.	No.	1	\$ -	\$ -
31	Dry Run Protection System	No.	1	\$ -	\$ -
J	Miscellaneous & commissioning				
32	Crane / lifting — crane lift allowance to install the borehole pump	Lump Sum	1	\$ -	\$ -
33	Testing & commissioning / load test	Lump Sum	1	\$ -	\$ -
34	Concrete Borehole protection 1m x 0,6m x 0,3m with cover and beacon	m3	1	\$ -	\$ -
35	Project management	%	1	\$ -	\$ -
J	Sub-Total for 1 Dewatering borehole				\$ -
J	Total for 2 Dewatering boreholes				\$ -

Soumission des offres

Veillez soumettre vos propositions à
l'adresse suivante :

kibali.servicecontract@barrick.com