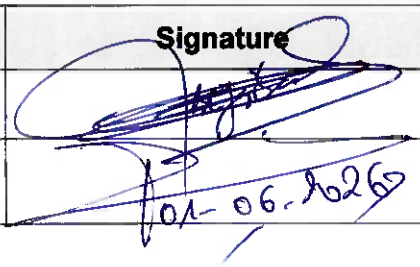
BARRICK

Low Risk Scope of Work Form

Document Reference:	Revision Number	Original Issue Date	Review Date
BGC-CORP-FORM-003	0	January 20, 2025	January 18, 2030

Project Name	**Calibration, testing and certification services for MSA portable gas detectors**
Site Location:	**Kibali Met Plant**
Risk Rating of SOW: (Based on Pre-Bid Risk Assessment)	☒ **Low** ☐ **Medium** *(Check one)*

Approver	Name	Signature	Date
Technical Representative	John Banza Mijibu		27 May 2026
Safety Only Required for medium risk projects	Pitchou Mwana		27 May 2026

1. PROJECT OVERVIEW

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

- Calibration, testing and certification services for MSA portable gas detectors
- **(15) Altair 5X multi gas detectors (HCN, O2, NH3,CH4)**
- (10) Altair pro mono gas detectors (H2S)
- (10) Altair pro mono gas detector (SO2)

2. GENERAL DESCRIPTION OF WORK

2.1. DELIVERABLES (KPI'S)

Deliverable	Description	Expected Date
Deliverable 01	•Inspection of all units prior to calibration.	2026/09/07
Deliverable 02	•Calibration of detectors against certified gas standards (CO, H_2S, O_2, CH_4, HCN, NH3…. etc.).	2025/09/07
Deliverable 03	•Functional checks (alarms, sensors, battery, display).	2025/09/07
Deliverable 04	•Issuance of calibration certificates traceable to international standards.	2025/09/07
Deliverable 05	•Replacement of faulty sensors or consumables (with the Owner approval).	2025/09/07
Deliverable 06	•Training of client staff on calibration verification and basic troubleshooting	2025/09/07

2.2. PROJECT LOCATION
Provide an address and describe the specific location of the scope of work.
Kibali Met Plant Training room

2.3. EQUIPMENT AND TOOLS REQUIRED
List all equipment and tools required to perform the Job.
Items supplied by Contractor
MSA Calibration kit, Calibration gases (CO, H_2S, O_2, CH_4, HCN, NH3...),
Items supplied by Barrick
None

2.4. INSURANCE AND WARRANTY REQUIREMENTS

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

- Accreditation from OEM

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.

Calibration gases safe transportation

3.2 HEALTH AND SAFETY PROCEDURES

List all applicable Health and Safety operational procedures.

Click or tap here to enter text.

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.

Click or tap here to enter text.

4.2 ENVIRONMENTAL PROCEDURES
List all applicable Environmental operational procedures.
Click or tap here to enter text.

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.
Click or tap here to enter text.

5.2 SOCIAL PROCEDURES

List all applicable Social operational procedures.

Click or tap here to enter text.

6. CERTIFICATIONS AND COMPETENCIES

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

COMPETENCE	Applies	COMPETENCE	Applies
Fall From Heights	☐	Fire (Hot Work)	☐
Confined Space	☐	Hazardous Substances	☒
Stored Energy (LOTOTO)	☒	Excavations and Penetration (trenching)	☐
Lifting	☐	Working with High Voltage Lines	☐
Hazards Recognition/ Risk Assessment	☒	Mobile Equipment	☐
Blasting and Explosives	☐	Other:	☐

Other Applicable Competencies/Certifications

- Training of MSA staff on calibration verification and basic troubleshooting.
- Documentation and reporting of calibration results.

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…

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PRE-BID RISK ASSESSMENT FORM

Document Reference:	Revision Number	Original Issue Date	Review Date
BGC-CORP-FORM-002	0	January 20, 2025	January 18, 2030

Project Name: (Reference SOW)	**Calibration, testing and certification services for MSA portable gas detectors**
Project Description:	**Calibration, testing and certification services for MSA portable gas detectors**

Tasks	Hazards	Controls
Plant Access	• Trip and fall • Gradients • Uneven surface • Slippery surface • Weather conditions	• Site Induction • Identify safe access • Job Specific training • Remove all tripping hazard around • Wear appropriate PPE
• Company profile and proof of technical capacity of their labor. • Accreditation from OEM • Evidence of prior experience with calibration of MSA detectors • List of calibration gases and equipment to be used. • Warranty and after-service support details. • Financial proposal (service fees, spare parts, consumables). • Schedule and turnaround time	• No proof of technical capacity on MSA gas detector calibration • lack of OEM accreditation • No evidence of prior experience with MSA detectors calibration	• Make sure Company have technical capacity of their labor • Check OEM accreditation • Get evidence of prior experience with calibration of MSA detectors
• Inspection of all units prior to calibration.	• Substandard tools, broken or damaged tools or equipment	• Inspection on tools and equipment • Adequate training and supervision •
• Calibration of detectors against certified gas standards (CO, H_2S, O_2, CH_4, HCN, NH3…. etc.).	• Expired calibration gases • High pressure in the calibration cylinder • venting calibration gas cylinder	• Adequate Calibration gases inspection. • Make sure manometer in good status • Check properly if no leaking

•Functional checks (alarms, sensors, battery, display). Replacement of faulty sensors or consumables (with the Owner approval).	• Substandard tools, broken or damaged tools or equipment Lack of procedure	• Follow the procedure. • Inspection on tool and equipment • Adequate training and supervision
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Select all the Fatal Risks present:

☐ Stored Energy ☐ Falling from Heights ☐ Lifting ☐ Blasting and Explosives ☐ Hazardous Substances and Chemicals

☐ Confined Spaces ☐ Mobile Equipment ☐ Fall of Ground ☐ Rotating Equipment ☐ Fire

Control Effectiveness:	• Company profile and proof of technical capacity of their labor. • Accreditation from OEM • Evidence of prior experience with calibration of MSA detectors
Additional actions needed before job start:	Check calibration gases and kit
Identified Risk Level:	☒ Low ☐ Medium ☐ High ☐ Very High

Responsible	Name	Signature	Date
Technical Representative	John Banza Mijibu		2026/09/07
Safety Representative	Pitchou Mwana	01-06-2025	2026/09/07

Appendix

Risk Ranking matrix:
Compares likelihood of the risk with the consequence level based on the consequence criteria.

*This matrix will be used to evaluate the significance of the risk and its priority for attention.

Likelihood criteria:
Likelihood levels will be chosen from the table below based on the probability that the expected impact selected in from the consequence criteria will be experienced.

Level	Probability
5 Almost Certain	>90%
4 Likely	50% - 90%
3 Possible	>25% - <50%
2 Unlikely	10% - 25%
1 Very Unlikely	<10%

Consequence Criteria: Consequence levels will be chosen from the table below based on the expected impact on Barrick, choosing the worst case of the consequence types that are pertinent. This should reflect the assessment of the existing controls and their effectiveness.

Level	Financial (Operating cash flow)	Shareholder Value (NPV/ Market cap)	Health and Safety	Environment	Society (Community, NGO, Government, Media)	Legal
5	>$250m	>$1b	Multiple fatalities or significant loss of quality of life to multiple people.	Severe regional impact resulting in permanent long-term impact to the environment. Immediately reportable to Government or State	Significant loss of trust by affected, national and/ or government threatening the continued viability of the operation. International and national government, NGO and media condemnation. Systemic pattern of gross human rights violations affecting multiple people.	Prolonged litigation likely. Potential jail terms and/or high fines for executives and directors. Potential very high fines for the company.
4	>$100m<$250m	>$500m<$1b	Single fatality or critical injury with a permanent negative impact to quality of life for one person	Significant impact with medium to long-term impairment and residual ecosystem effects. Regulatory agency mandated remediation and/ or monitoring over a long-term period to determine extent of adverse environmental impact. Immediately reportable to Government or State.	Community unrest and/or protest requiring intervention and substantial management attention. National and/or regional media coverage over several days and/or NGO condemnation. Individual gross human rights violation or systemic negative human rights impacts.	Prosecution of individuals and/or significant fines for individuals and/or the company.
3	>$20m<$100m	>$50m<$500m	Serious injury to one or more persons resulting in temporary negative impact to quality of life. (RDI & LTI)	Moderate impact resulting in medium – term impacts to the environment. Remediation completed in compliance with regulations over a medium-term period without any anticipated residual adverse environmental impacts. Potentially reportable to State or government, but not immediately.	Persistent community grievances, complaints, unrest or protests. National and/ or regional media coverage and/ or NGO scrutiny. Systemic or severe individual negative impacts on human rights.	Significant legislation or permit non-compliance or litigation likely resulting in settlement costs and/or fines.
2	>$1m<$20m	>$10m<$50m	Reversible injury to one person, (no lost time to work performance) but requiring medical treatment. (MTI)	Localized, minor impact within the current or planned disturbance area (or isolated offsite impacts.) Limited remediation, and/ or controls required to meet regulatory standards. Potentially reportable to State or Government but not immediately	Persistent complaints and grievances, unrest or protests. Local Media coverage. Isolated negative impacts on human rights	Legislation or permit non-compliance or litigation likely resulting in need for legal engagement.
1	<$1m	<$10m	Minor injury not affecting work performance and requiring only a single first aid treatment.	Environmental incident with an area already distributed by operations, with short-term impacts. Remediation carried out as part of routine processes. Not reportable to the government.	Minor complaints and grievances from local communities. No impact on human rights.	Minor non-compliance with legislation or permits.

Control Effectiveness: A relative assessment of the degree of modification that is currently present and effective compared with that which is reasonably achievable for a particular risk.

Descriptor	Guide
Fully Effective	Controls are as good as realistically possible, both well-designed and implemented as well as they can be.
Substantially Effective	Controls are generally well-designed and well implemented but some improvement is possible in their design or implementation.
Partially Effective	Controls are well-designed but are not implemented that well. OR While the implementation is diligent, it is clear that better controls could be devised.
Largely Ineffective	There are significant gaps in the design or in the effective implementation of controls – much more could be done.
Totally Ineffective	Virtually no credible controls relative to what could be done.

Fatal Risk	Critical Controls
Stored Energy	De-energize: Identify sources of energy and ensure they are zero-state
	LOTOTO: Remember to always lock out – tag out – try out
	Guards, Barriers, and Barricades: Ensure they are in position and effective
	Lock-out Device: Use the appropriate lock out device to isolate the energy source
	Personal Lock and Tag: Have your OWN lock and tag, with unique key
Falling from Heights	Rescue Plan: Ensure a rescue plan is in place before starting work above 1.8m.
	Fall Equipment: Inspect and wear the correct fall-restraint or arrest equipment when working above 1.8m.
	Tie Off: Stay 100% tied off at all times on approved anchor points.
	Elevated Platforms: Only work from certified elevated platforms.
	Barriers: Ensure barriers are in place to precent people or objects from falling over edge; ensure exclusion zones are demarcated.
Lifting	Lift Plan: Determine how the lift will be carried out with input from all persons involved.
	Equipment and Rigging: Ensure all lifting equipment is inspected, certified, and load is secured and controlled.
	Calculate and Confirm: Analyze the weight of the load and all associated equipment parameters.
	Drop Zone: Erect barricades and exclusion zones to restrict access to the area under a suspended load or within a drop zone.
	Communication: Positive communication from a single person to operator.
Blasting & Explosives	Communication: Scheduled and effective blast notification to all site personnel.
	Blast Design: Compliance with the approved drill and blast design.
	Transport Equipment: Safely transport explosives using approved, certified, and maintained explosives-transport equipment.
	Exclusion Zones: Establish and restrict access of personnel and equipment to blast exclusion zones with barricades.
	Access Control: Lock out – tag out on stinger and blast tag boards, to ensure all individuals are accounted for.
Hazardous Substances and Chemicals	PPE: Wear correct hazardous-materials PPE in line with Safety Data Sheet (SDS)
	Access: Restrict access to authorized personnel only
	Emergency Response: Containment: and exposure measures must be on hand and working according to SDS guidance
	Detection and Alarm Systems: Correct detection devices and alarms are in place and fully functional.
	Handling and Transfer: Protection protocols are in place when handling and transferring chemicals based on SDS.
Confined Space	Rescue Plan: Formulate a rescue plan and ensure that a spotter is in place at all times.
	Permit: Ensure you have a signed and complete permit to access entry point.
	Energy Isolation: All possible energy sources have been identified and controlled per lock out – tag out – try out (LOTOTO)
	Access Control: Work area to be demarcated and access control to be managed by a spotter at all entry points.
	Atmosphere: Test and confirm atmosphere is life-sustaining and continue monitoring.

Mobile Equipment	Pre-Use Inspection: Confirm functionality of braking, steering, and safety devices.
	Parking: Follow safe, secure, and stable parking practices in designated parking areas.
	Traffic Management Plan: Adhere to road designs, rules, signage, and segregation of equipment and pedestrians.
	Berms and Windrows: Ensure that berms and windrows are installed to standard and maintained.
	Communication: Ensure positive communication is maintained at all times.
	Mobile Devices: Do not use phones, smart watches, or tablets when driving.
Fall of Ground	Workplace Inspection: Inspected, properly scaled down, and made safe.
	Geotechnical Inspection: Ensure that inspections are completed, and workplaces are continuously monitored.
	Ground Control Management Plan: Ensure that the plan is implemented and communicated.
	Barricading and Exclusion Zones: Ensure exclusion zones have been identified and maintained.
	Water Management: Establish a water management plan.
Rotating Equipment	Guards, Barriers, and Barricades: Ensure these are effective, in place, and maintained.
	Safety Devices: Ensure safety devices and interlocks have been tested and are in working condition.
	Energy Isolation: All possible energy sources have been identified and controlled per lock out – tag out – try out (LOTOTO)
Fire	Combustible Materials Storage: Store combustible/flammable materials separately and safely.
	Ventilation: Ensure adequate ventilation in working areas and that systems are functioning and maintained.
	Fire Detection, Alarm, and Suppression: Ensure fixed and mobile equipment has functional fire detection and suppression system.
	Evacuation Plan: Be prepared and know your emergency plan, egress, refuse chamber, self-rescuer, and muster point.
	Hot Work Permit: Obtain a permit and implement the associated controls before starting work.

Calibration, testing and certification services for MSA portable gas detectors				
N°	**DESCRITION**	**UNIT**	**QTY**	**PRICE**
	SCOPE			
	Calibration of MSA Altair 5X detectors	Per unit	15	
	Calibration of MSA Altair Pro detectors	Per unit	10	
	Replacement sensors (O_2, CO, H_2S, CH_4 , SO_2)	Per Sensor	75	
	Calibration gas cylinders (certified)	Per Cylinder	5	
	Training session for staff	Per Session	2	
	Issuance of calibration certificates	Per unit	25	
				TOTAL:
				LABOUR:
				GRAND TOTAL:

Veuillez envoyer votre offre technique et commerciale sur l'adresse: Kibali.ServiceContract@b

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