**TECHNICAL SPECIFICATION**

**For the purchase of water trucks to supply drilling rigs of the drilling and blasting department**

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| **№****п/п** | **List**  | **Main Data and Requirements** |
| 1 | Equipment Delivery Location | Issyk-Kul Region, Jeti-Oguz District, Kumtor Mine. |
| 2 | Customer | Kumtor Gold Company CJSC. |
| 3 | Purpose | The purpose of this technical specification is to acquire two water trucks to supply drilling rigs of the drilling and blasting department (DBD) with water under the working conditions of the Kumtor open-pit mines. |
| 4 | Vehicle Requirements | * Type: Truck with a water tank.
* Wheel formula: 6x4 or 6x6, depending on operational conditions. Preference is given to the 6x6 model for challenging areas.
* Tank volume: 10-16 cubic meters.
* Chassis: Truck chassis must be adapted for tank installation considering load and dimensions.
* Dimensions: Must not exceed the allowable limits for public roads.
* Year of manufacture: 2022–2024.
* Quantity: 2 units.
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| 5 | Tank Requirements | * Material: Steel with anti-corrosion coating or stainless steel to prevent rust.
* Insulation: Thermal insulation, if possible, to prevent water freezing at low temperatures.
* Pump equipment: A pump for pressurized water supply with the ability to fill both horizontally and vertically positioned tanks.
* Hatches: Top and bottom hatches for convenient filling and maintenance.
* Drain and pressure system: Drain system with quick connections for hoses of various diameters.
* Heating system: Tanks must be equipped with heating to prevent water freezing during winter (up to -40°C).
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| 6 | Technical Specifications | * Engine: Diesel, at least 300 hp, compliant with environmental standards (Euro-4 or higher).
* Transmission: Manual, with reinforced drivetrain for off-road conditions.
* Drive: Full or rear, depending on the wheel formula.
* Fuel tank: Extended capacity for long-distance trips without refueling, at least 300 liters.
* Maximum speed: No more than 80 km/h.
* Ground clearance: High, for overcoming rough terrain.
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| 7 | Operating Conditions | * Temperature range: From -40°C to +27°C.
* Road conditions: Ability to operate on steep inclines and off-road terrain.
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| 8 | Equipment Requirements | * Driver's cabin: Equipped for comfortable work, with air conditioning and heating.
* Safety systems: Seat belts, ABS, and stabilization system.
* Tools and spare parts: Minimum toolset for maintenance and operation.
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| 9 | Warranty Obligations | * Vehicle warranty: At least 2 years or 100,000 km.
* Tank and pump equipment warranty: At least 2 years.
* Maintenance: Regular service schedule and availability of service in the operation region.
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| 10 | Spare Parts Availability Requirements | * The supplier must ensure the availability of main spare parts for water trucks throughout the warranty period.
* Spare parts must be supplied within 30 calendar days upon the customer's request.
* Spare parts must be original or equivalent in quality, with corresponding certificates.
* The supplier must provide a list of spare parts and consumables required for regular maintenance and repair.
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| 10 | Documentation | * Vehicle passport.
* Water truck operation manual.
* Certificates of compliance.
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| 11 | Additional Requirements | * Vehicles must be new, unused, certified or declared, fully compliant with quality standards and a certificate of compliance.
* Vehicles must not be pledged, seized, or subject to third-party rights.
* Possibility of adaptation to specific working conditions and customer requirements.
* Provision of training materials for equipment operators.
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| 12 | Delivery Terms | * Delivery time for vehicles: no more than 45 calendar days from the date of contract signing.
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