**TERMS OF REFERENCE**

**for the purchase of water trucks to supply water to drill rigs of the Drill/Blast Department**

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| **Item****№** | **List of basic****data and requirements** | **Basic data and requirements** |
| 1 | Equipment delivery location | Issyk-Kul Region, Jeti-Oguz District, Kumtor Gold Mine |
| 2 | Client  | Kumtor Gold Company CJSC |
| 3 | Purpose  | The purpose of this ToR is to purchase 2 units of water trucks to supply water to the Drill/Blast drill rigs in operating conditions of the Kumtor open pits. |
| 4 | Requirements for the vehicle | * Vehicle type: truck with water tank.
* Wheel configuration: 6x4 or 6x6, depending on the operating conditions. The 6x6 model is preferred for difficult terrain.
* Tank volume: 10-16 cubic metres.
* Chassis: the load chassis shall be adapted for the tank installation, considering the load and dimensions.
* Overall dimensions: shall not exceed the maximum permissible limits for public roads.
* Year of manufacture: 2022-2024.
* Quantity - 2 units.
* Preferred brands of water truck chassis are KAMAZ, HOWO (Sinotruck), ISUZU, FAW, HYUNDAI, HINO.
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| 5 | Requirements for the tank | * Material: steel with anti-corrosion coating or stainless steel to prevent corrosion.
* Insulation: if possible, thermal insulation of the tank to prevent water freezing at low temperatures.
* Pumping equipment: availability of a pump to supply pressurized water with the possibility to fill both horizontally and vertically positioned tanks.
* Hatches: top and bottom hatches for easy filling and maintenance.
* Drain and pressure system: drain system with quick connection for hoses of various diameters.
* Heating system: tanks shall be equipped with heating to prevent water freezing in winter (up to -40 oC).
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| 6 | Technical specifications | * Engine: diesel engine with an output of at least 300 hp, complying with environmental safety standards (not lower than Euro-4).
* Transmission: manual, with reinforced transmission for off-road use.
* Drive: all-wheel drive or rear-wheel drive, depending on the wheel configuration.
* Fuel tank: increased capacity for long trips without refueling, at least 300 liters.
* Maximum speed: max. 80 km/h.
* Ground clearance: high for difficult terrain.
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| 7 | Operating conditions | * Temperature range: -40°C to +27°C.
* Road conditions: driving on steep climbs, off-road is possible.
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| 8 | Configuration requirements | * Driver's cab: equipped for comfortable operation, with air conditioning and heater.
* Safety system: availability of seat belts, ABS, and stabilization system.
* Tools and spare parts: minimum set of tools for maintenance and operation.
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| 9 |  Warranty obligations | * Vehicle warranty: at least 2 years or 100,000 kilometers of mileage.
* Tank and pumping equipment warranty: at least 2 years.
* Maintenance: frequency of maintenance and service in the region of operation.
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| 10 | Requirements for spare parts availability | * Supplier shall ensure stock availability of main spare parts for water trucks during the whole warranty period.
* Obligation to supply spare parts at the Client's request within no more than 30 calendar days from the receipt of the purchase order.
* Spare parts shall be original or equivalent in quality, with appropriate certificates.
* Supplier shall provide a list of spare parts and consumables that may be required for routine maintenance and repairs.
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| 10 | Documentation | * Vehicle passport.
* Water truck operation manual.
* Certificates of Conformity.
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| 11 | Additional requirements | * Vehicles proposed shall be new, not used, certified, or declared, fully compliant with quality standards, certificate of conformity.
* Vehicles shall not be pledged, arrested, shall be free from the rights of third parties.
* Adaptation to specific operating conditions and client's requirements shall be possible.
* Training materials for water truck operators shall be provided.
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| 12 | Payment and delivery terms | * Payment terms shall be specified in the agreement.
* Delivery terms: no more than 45 calendar days from the date of the agreement.
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