**Technical Assignment of “RMG GROUP” for Equipment Procurement**

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| **Agreed:**Head of Ore Beneficiation Plant“RMG Copper”/ Signed / K. Kekelidze\_\_\_\_\_\_ \_\_\_\_\_\_\_ 2025.  | **Approved:**Production Director of “RMG”/ Signed / S. E. Berezikov08.09.2025  |
| **Agreed:**Chief MechanicRMG Group/ Signed / G. Jaqeli\_\_\_\_\_\_ \_\_\_\_\_\_\_ 2025.  |  |

**Cabin of Overhead Crane**

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Tbilisi, 2025

1. **Cabin of Overhead Crane**
	1. **Purpose**

 The equipment is used for the operation of the overhead crane.

* 1. **Supplier Requirements**

The supplier of the equipment must be the manufacturer or an official representative. The supplier must have experience in installation and maintenance, including in mining and ore beneficiation industries.

* 1. **Technical Description**

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| **Options** | **Specifications** |
| Cabin type | Stationary, enclosed type |
| **Construction type** | Rectangular (general purpose) |
| Access to crane | Via entrance stairs |
| **Overall dimensions (W × H × L, mm)**  | Cabin 2200 × 1600 × 3000 with entrance – 2 pcs.Cabin 2000 × 1400 × 2400 – 1 pc. |
| Cabin fastening to crane | Bracket with vibration dampers |
| Climatic version  | U3 |
| Operating temperature range | -10 °C to +40 °C |
| Degree of protection against dust and moisture | IP54  |
| **Cabin paintwork** | Primer + enamel RAL 1006, maize yellow  |
| Metal frame |  |
| Frame material: | Steel 09G2S |
| Other cabins  |  |
| **Glazing** | Shatterproof laminated glass “Triplex” 6.0 (3.0 + 3.0 mm). |
| Glass mounting method | Rubber profile |
| Windshield wiper  | Standard (front-mounted) |
| Window opening method: | Upper tier – outward; lower front – inward |
| Window frame |  Triple, external |
| Glass doors | Cabin doors with glazed upper section, equipped with cut lock preventing accidental opening during crane operation and lockable by operator after use. |
| Interior finishing |  |
| Materials | Fire-resistant materials |
| Heat and sound insulation | Mineral wool (thickness ≥ 50 mm) |
| Wall panels | Galvanized painted ceiling and wall panels (golden wood tone) |
| Ceiling panels | Galvanized painted panels (white) |
| Floor covering | Metal + anti-slip rubber coating along the entire perimeter |
| Additional elements |  |
|  | Aluminum profiles (angles, strips, barriers); Cable ducts for floor routing, plastic cable ducts on walls  |
|  | Electrical sockets – 2 pcs. |
|  | Switch – 1 pc. |
|  | LED lamp – 1 pc. |
|  | Pantograph-type wipers (12V DC) front-mounted |
|  | Cable entry hole in cabin wall, with removable sealed cover  |
|  | Motor control compartment (cabinet) |
| Microclimate system | Split-system |
| **Climate equipment** | Monoblock, 1.5 kW, 220V  |
| **Controls** |  |
| Control devices: | Console with command controllers type KKT (depending on number of motors) |
| Operator’s seat | Stationary, shock-absorbing, rotatable 350°, horizontal adjustment, adjustable backrest inclination angle  |
| **Electrical equipment** |  |
| Interior lighting | LED, 220V |
| Exterior lighting (if required):  | LED, 220V |
| Standard set |  |
| Fire extinguisher OP-2 | 1 pc. |
| Audible signal | 1 pc. |
| First-aid kit | 1 pc. |
| Document drawer | 1 pc. |
| Clothes hanger | 1 pc. |
| Brush-scraper | 1 pc. |
| Bracket | 1 pc. |
| Switch BIIK-2112-ÈV2 | 1 pc. (vestibule, near door)  |
| **Technical documentation package** | Product passport, unit and assembly passports, electrical diagrams, installation and schematic drawings, certificate of conformity.  |

\* Overall dimensions are defined depending on the selected cabin type, according to drawing KMK.101-01 T4.

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| Number of cabins | 3 pcs. |
| **Cabin purpose**  | Overhead crane r/n 20/5 rcOverhead crane r/n 5 rcOverhead crane r/n 10 rc |
| **Cabin performance** | Fire-resistant, Class III of fire-protection zone |
| Cabin operating temperature | from -10 °C to +40 °C |
| Placement category | V3 (indoor) |
| Seismic resistance (MSK-64) | 9  |
| Protection level | IP-54  |

1. **Requirements for Electrical Equipment**

Cable and wiring products must be flexible (multi-core wire) with fire-resistant insulation that does not lose elasticity within the temperature range from +45 °C to -10 °C.

1. **Overall Dimensions**

Defined by the Supplier according to the drawing-specified overall dimensions KMK.101-01 14.

1. **Warranty Conditions**

Warranty period – 12 months from the date of delivery to the Customer’s warehouse.

1. **Equipment package / Set:**

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| **No.** | **Item** | **Quantity, pcs.** |
| 1 | Overhead crane cabin r/n 20/5 rc according to technical specifications | 16 pcs. |
| 2  | Overhead crane cabin r/n 5 rc according to technical specifications | 1 pc. |
| 3  | Overhead crane cabin r/n 10 rc according to technical specifications | 1 pc. |

1. **List of Required Documentation**

The Supplier shall provide the Customer with technical documentation:

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| **No**. | **Documentation** | **Delivery terms\*** |
| 1 | Overall drawing |

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| Within 10 days from the date of contract signing |

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| 2 | Installation, operation, and maintenance manual | With the equipment |
| 3 | Spare parts catalog (electronic version) | With the equipment |
| 4  | Drawings of rapidly wearing parts | With the equipment |
| 5 | Equipment passport, unit passports, assembly documentation | Within 10 days from the date of contract signing |
| 6 | Electrical diagrams, installation and schematic drawings | With the equipment |
| 7 | Certificate of conformity, indication of manufacturing location | With the equipment |

\*\* Drawings must be supplied in electronic form, in DWG or PDF format. Documentation must be provided in English and Russian.

1. **Packaging Requirements**

Not regulated.

1. **Delivery Terms**

Goods must be delivered to: Georgia, Bolnisi district, Kazreti settlement.

Prepared by:

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