

UZINA CONSTRUCTOARE DE MAȘINI HIDROENERGETICE SRL REȘIȚA
(HYDROENERGETIC MACHINE CONSTRUCTION FACTORY Limited Liability Company)

No. 109/DT 0140/17th of February, 2025

Endorsed

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SPECIFICATION SHEET FOR PRODUCT ACQUISITION

Product: CNC vertical milling center

1. Introduction

The specification document is an integral part of the tender documentation and constitutes the set of requirements on the basis of which each bidder develops the technical proposal.

The specification document obligatorily contains technical specifications. These define, as appropriate and without being limited to the following, characteristics related to quality, technical, and performance levels, operational safety, dimensions, as well as conditions for certifying conformity with relevant standards or similar.

The specification document also specifies the competent institutions from which suppliers can obtain information regarding mandatory regulations concerning occupational safety, fire prevention, environmental protection, which must be adhered to during the execution of the contract and which are in force nationally or specifically in the region or locality where the work is carried out and services are provided, including installation and assembly operations.

In this procedure, the **HYDROENERGETIC MACHINE CONSTRUCTION FACTORY** plays the role of the contracting entity in the contract.

Prepared by Murgu Cristian - head of DP 0140 technological modernization office (signature, illegible)
Trade Register Number 11/97/14th of February, 2024, sole registration number 49594720 dated 14th of February, 2024,
IBAN account RO63BTRLRONCRT0682536501



2. Context of product acquisition

2.1 Information about the contracting entity

The **HYDROENERGETIC MACHINE CONSTRUCTION FACTORY SRL REȘITA** is a limited liability company with share capital owned by the Romanian State, with the main activity of producing and repairing hydro energetic components. These are carried out in a responsible manner towards the community and the environment, with a focus on quality and performance.

2.2 Context leading to the acquisition of products; anticipated benefits for the contracting entity

To increase productivity and reduce lead times in the manufacturing and repair of components for hydroelectric aggregates, the acquisition of a CNC vertical milling center is required.
Advantages of using a CNC vertical milling center:

- It can process flat surfaces (horizontal, vertical, or inclined), as well as profiled surfaces (teeth, grooves).
- The high precision of positioning and its repeatability make these machines useful in many applications.
- Tool movements are electronically controlled, ensuring high precision and increased productivity.

3. Purpose of acquisition

The CNC milling center has a wide range of uses and is recommended for producing small and medium series in mechanical processing workshops.

The machine covers a broad range of processing requirements for various hydroelectric components.

4. Required technical specifications:

- | | |
|--------------------------------------|-----------------------------|
| • Standard voltage and frequency | 380(400)V/50Hz |
| • Stroke on axes X/Y/Z | 500-1650/500-850/500-900 mm |
| • Speed range | 20-10,000 r.p.m. |
| • Feed rate (X, Y, Z) | 18-24 m/min |
| • Table dimensions | (600-900)x(800-2000) mm |
| • Maximum table load | 500-2500 kilos |
| • Maximum tool diameter | 80 mm |
| • Positioning accuracy on X/Y/Z axes | 0.01 mm |
| • Repeatability accuracy | 0.01 mm |

5. Required Features:

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- Control panel with a keyboard capable of importing technical documentation created in CATIA
- Tool magazine with a minimum of 20 drawers
- Centralized automatic lubrication
- Cooling liquid supply/chip removal
- Machine equipped with a protective cover and sliding door

6. Availability

It is requested that the availability of the supplied products be 24/7, 7 days/week, given that they must be operational whenever required for use.

7. Warranty

All purchased products must be covered by a warranty.

The warranty period for the supplied products will be a minimum of 24 months from the date of commissioning. The supplier will explicitly present any special warranty conditions, if applicable, to prevent any arbitrary situations related to it. In this regard, if installation or commissioning requires the supplier's presence, they will be present during these operations at their own expense.

The supplier is responsible for and guarantees the qualitative and quantitative fulfillment of the obligations assumed in the specifications throughout the contract duration.

In the warranty period, if a product malfunctions, replacement will be made as soon as possible, with the time frame defined by the supplier in the offer. The supplier will cover the provisioning, installation, and transportation costs.

Malfunction repair will be done as quickly as possible from the time of reporting, and the time frame includes diagnosis and transportation time. The warranty will be automatically extended for the duration of the repairs.

If the product, during the warranty period, requires replacement due to an irreparable defect but is no longer manufactured, the supplier will present products with similar technical and functional characteristics for acceptance, allowing the purchaser to express their choice for the new product to replace the defective one.

The equipment will be considered non-compliant and will be unconditionally replaced with a new, similar, or equivalent one if it malfunctions 3 times during the warranty period.

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8. Delivery, transport, and insurance during transport

Delivery location: UCMH SRL REȘIȚA

Delivery time: 30 days from the date of signing the contract/order

Imposed delivery conditions: final destination according to INCOTERMS 2010

A product is considered delivered when all activities under the contract have been completed, and the product operates within the agreed parameters and is accepted by the contracting party.

The products will be delivered both qualitatively and quantitatively to the location indicated by the contracting party and will be accompanied by all the subassemblies/components necessary for commissioning and maintaining the equipment in working condition.

Transportation and all associated costs are the exclusive responsibility of the supplier. The supplier is responsible for delivering the products within the agreed timeframe.

“Second-hand” products, counterfeit products, rejected products, or those that may infringe intellectual property rights will not be accepted.

9. Installation, commissioning, testing

The supplied product will be installed, commissioned, and tested by the supplier.

10. Staff training for equipment use

The supplier will ensure the training and education of the personnel at the contracting party's location.

11. Technical support

Throughout the contract duration and during the warranty period, the supplier will provide free technical support.

The supplier will respond promptly to any incident reported by the contracting party based on the level of the incident.

12. Consumables, parts and components needing replacement during the warranty period

Consumables, parts and components requiring replacement during the warranty period will be provided free of charge by the supplier.

13. Duties and responsibilities of the parties

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Supplier:

- Supply the products in the quantity and quality specified in the tender documentation.
- Ensure support services in accordance with the specifications in the tender documentation
- Guarantee the supplied products

Contracting party:

- Receipt of the delivered products
- Payment for the received products

14. Provided documentation

- Technical manual/Product data sheet with detailed product characteristics, assembly instructions, commissioning, and operation instructions in electronic format and on paper, translated into Romanian.
- Declaration of conformity of the product
- Documents proving that the bidder is the manufacturer, its representative, or distributor of the product in Romania for this type of product.
- Warranty certificate specifying the warranty period for the offered equipment.
- Accompanying notice / fiscal invoice
- Other quality/compliance documents, technical datasheets, inspection certificates related to quality conditions, occupational safety, and environmental protection.

15. Product reception

Product reception will be based on an acceptance report signed by both the supplier and the contracting party as follows:

- Quantitative reception will be done after the products are delivered in the requested quantity to the location indicated by the contracting party.
- Qualitative reception will be done after installation, commissioning, and testing of the products, and if applicable, after all deficiencies have been rectified.

The acceptance report will include one of the following results:

- Accepted
- Accepted with minor remarks
- Accepted with reservations
- Rejected

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16. Payment methods and conditions

Payments to the supplier will be made within 30 days from the issuance of the original fiscal invoice, along with all supporting documents, according to the following algorithm:

- 10% advance based on an advance assurance document
- 30% of the amount upon delivery of the equipment
- 30% after the installation of the equipment
- 20% after commissioning and testing
- 10% after the warranty period.

The invoice will be issued after the contractor signs the quantitative and qualitative reception report of the delivered/performed products/services.

The quantitative and qualitative reception report will accompany the invoice and represents the necessary document for payment along with the other supporting documents listed below:

- Quality and warranty certificate
- Declaration of conformity
- Product shipping notice
- Quantitative and qualitative receipt report (NIR)

Each invoice will include the contract number, the issue date, and the due date of the respective invoice.

The invoice will be sent in original to the address specified by the contracting party.

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