

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

**No. 97/DT 0140/13<sup>th</sup> of February, 2025**

**Endorsed**

**Silviu Dan Avram**  
(signature, illegible)

**Aurel Pinosanu**  
(signature, illegible)

**Cosmin Ursoniu**  
(signature, illegible)

**Approved**

**Dan Cornel Fara**  
(signature, illegible)

**SPECIFICATION SHEET FOR PRODUCT ACQUISITION**

**Product: Bohrwerk CNC**

**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 execution times in the production and repair of hydro energetic unit components, it is necessary to acquire a CNC boring and milling machine (Bohrwerk type).

CNC machining is an excellent approach for producing high-complexity finished parts that require high precision.

The machine ensures superior surface finishes and better quality of machined parts, saving time by reducing the need for multiple setups for part clamping.

## 3. Purpose of acquisition

The CNC boring and milling machine will be used in heavy machining workshops where part processing requires a wide range of spindle speeds and feed rates. The machine offers high flexibility, ensuring a broad range of machining requirements for various hydro energetic components.

## 4. Required Technical Specifications:

• Standard voltage and frequency	380(400)V/50Hz
• Displacement on the X axis	3000 mm
• Displacement on the Y axis	2500 mm
• Displacement on the Z axis	1000 mm
• Displacement on the W axis (spindle)	1400 mm
• Rotary table dimensions	2000x2000 mm
• Maximum load on the table	20,000 kilos
• Spindle diameter	150 mm
• Spindle cone	ISO 50 type
• Maximum spindle speed	5000 r.p.m.

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 RO63BTRLRONCR10682536501



## 5. Required Features:

- Angular milling and turning head required, with tool axis feed
- Rotary table required for machining diameters between 400-1000 rpm
- Capability to create 22 metric threads, with thread pitch in the range of 1.5-12
- Probe for measuring and aligning the workpiece
- Cooling unit for thermal stabilization
- Centralized automatic lubrication system
- CNC and other machine controls placed on an operator panel located on the operator's platform, capable of importing documentation created in CATIA
- Automatic tool changer with a chain, tool magazine with a minimum of 40 positions
- Chip conveyor

## 6. Availability

It is requested that the availability of the supplied products be 24/7, 7 days/week, ensuring they are operational whenever needed.

## 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 regarding this matter. In this regard, if installation or commissioning requires the presence of the supplier, they will be present during these operations at their own expense.

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

During the warranty period, equipment replacement in the event of a malfunction will be done as quickly as possible, with the timeframe defined by the supplier in the offer submitted. The supplier will bear the costs of procurement, installation, and transportation.

Repair of a malfunction will be performed as soon as possible after the report, the timeframe including diagnostic and transportation time. The warranty is automatically extended for the duration of the repairs.

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

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



UZINA DE CONSTRUCTII MASINI HIDROENERGETICE SRL, with the registered office in 1 Golului Street, postcode 320053, locality of Resita, Caras-Severin County, registered with the Trade Register Office under number J2024000097110, sole registration number 49594720, IBAN account RO63BTR1.RONCRT0682536501 (official logo)

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

## **8. Delivery, transport, and insurance during transport**

Delivery location: UCMH SRL REȘITA

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

Delivery conditions imposed - final destination according to INCOTERMS 2010 standards

A product is considered delivered when all activities within the contract have been completed, the product is functioning within the agreed parameters, and it is accepted by the contractor.

The products will be delivered both qualitatively and quantitatively to the location indicated by the contractor and will be accompanied by all necessary subassemblies/components for commissioning and maintenance.

Transport and all associated costs are the exclusive responsibility of the supplier.

The supplier is responsible for the timely delivery of the products.

"Second-hand" products, counterfeit products, pirated products, or products likely to 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 provide training and schooling for the personnel at the contractor's premises.

## **11. Technical support**

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

The supplier will respond in a timely manner to any incident reported by the contractor, depending on the level of the incident.

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

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 RO63BTR1.RONCRT0682536501



### 13. Duties and responsibilities of the parties

#### Supplier:

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

#### Contractor:

- Receipt of delivered products
- Payment for received products

### 14. Documentation provided

- Technical manual/Product presentation sheet specifying product characteristics, installation, commissioning, and operation instructions in both electronic and paper formats, translated into Romanian.
- The manufacturer will provide the contractor with the minimum detailed plan of the foundation shape and structure, as well as the load and stress on the foundation.
- Declaration of conformity for the product
- Documents proving that the bidder is the manufacturer, its representative, or its distributor 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, verification reports concerning quality conditions, occupational safety, and environmental protection.

### 15. Product reception

The product reception will be carried out based on an acceptance report signed by both the supplier and the contractor as follows:

- Quantitative reception will be made after the delivery of products in the requested quantity to the location indicated by the contractor.
- Qualitative reception will be done after installation, commissioning, and testing of the products, and if applicable, once all deficiencies have been corrected.

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 RO638TR1RONCRT0682536501



The acceptance report will include one of the following outcomes:

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

#### 16. Payment terms and conditions

Payments to the supplier will be made within 30 days from the date of issuance of the original fiscal invoice and all supporting documents, following this payment schedule:

- 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 contractor.

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

