

Project "Reinventing the Wheel - Agile Integrated Technological and Green Transition of the STARCO Beli Manastir into a Leading Regional Lean and Green Steel Forming Factory" received a grant from the Norwegian financial mechanism within the Business Development and Innovation Croatia Programme 2014 - 2021.

In accordance with the funding regulation, all documents on the procurement process and the award procedure within the framework of the project "Reinventing the Wheel - Agile Integrated Technological and Green Transition of the STARCO Beli Manastir into a Leading Regional Lean and Green Steel Forming Factory" can be found on the Project Promoters web site. Based on the Procurement procedure for Entities not subject to Public Procurement Act, STARCO Beli Manastir d.o.o. herewith publishes:

## INVITATION TO TENDER FOR ACQUISITION OF AN AUTOMATED PAINT RECIPROCATOR SYSTEM

Contract number: 2023/364026

Procurement number: 2023/364026 - P1

### 1. GENERAL DATA

The project "Reinventing the Wheel - Agile Integrated Technological and Green Transition of the STARCO Beli Manastir into a Leading Regional Lean and Green Steel Forming Factory" is supported by the Norway Grants as part of the Programme on Business Development and Innovation operated by Innovation Norway. To achieve the aim of the project – procurement of necessary equipment, there will be several tender procedures held in accordance with Procurement procedure for Entities not subject to Public Procurement Act by the publication of the procurement notice – INVITATION TO TENDER, and it will be available at the Project Promoters web page: <https://starco.com/tender>

#### 1.1 Data on Contracting Project Promotor

PROJECT PROMOTOR: STARCO Beli Manastir d.o.o.

ADDRESS: Osječka 1a, 31300 Beli Manastir, Croatia

PERSONAL ID (OIB): 80334990436

PHONE NUMBER: +385 31 710001

EMAIL: info.hr@starco.com

Contact Person

NAME: Dejan Adler, Supply Chain Manager

PHONE: +385 91 3710113

EMAIL: dejan.adler@starco.com

## 2. DATA ON THE SUBJECT MATTER OF PROCUREMENT

### 2.1 Description of the subject matter of procurement

The subject of procurement is an automated paint reciprocator system for integration into existing painting line in accordance with the defined technical specification that are an essential part of this Invitation to Tender.

### 2.2 Technical specifications of the subject matter of procurement

Technical specifications of the subject matter of procurement are contained below; product types, standards or other features mentioned in the specification are references, but “equivalent” features from the supplier are also accepted.

Evidence of equivalence must be provided by the bidder in the context of the tender using suitable means, such as submitted technical specifications, technical data, and the like.

Technical data serves as a basis for assessing whether the subject offered has the specified properties. 2.3

### 2.3 Specifications

- Subject matter of procurement: **Automated paint reciprocator system for integration into existing painting line**
- Quantity: 1 complete unit – consisting of: reciprocators, booth, control systems, powder suction system and cyclone
- Reciprocators:
  - 6 Left side, 6 Right side
  - Internal / External Purge ability
  - HDLV technology (high density low velocity powder flow)
  - Multi Axis movement
- Booth:
  - Constructed from antistatic plastic material modules / walls with appropriate strengthening structure for easy cleaning and recycling of powder
  - Space for 2 x automatic reciprocator arms
  - Space for minimum 2 operators for Manual Touch Up (CF\*)
- Control systems:
  - Digital Control Panels with LCD color touch screen.
  - Overall system control (CF\*)
  - Remote support feature through internet connection (CF\*)
  - Output of key performance indicators
  - Parts detection system to identify location of parts entering in the booth
- Powder suction system: Automatic cleaning
- Cyclone: Powder recovery system
- Compatibility:

- Compatible with NORDSON technology manual guns Inver® brand Powder Paint (CF\*)
- Painting Line Conveyor Speed 2.5m/min (CF\*)
- Painting density 1.8m<sup>2</sup> (each side) per meter of conveyer (CF\*)
- Compatible with Existing Paint Booth Pit / Foundation Dimensions - 6500mm length x 4150mm width x 600mm depth (CF\*)
- Compatible with physical limitations in painting area and conveyer dimensions – a drawing of facility can be provided on request. (CF\*)
- Operating Conditions
  - Ambient temperature -5 °C to +40 °C (CF\*)
  - North East Croatia Seasonal Humidity Profiles (CF\*)
- Safety Approvals
  - CE (CF\*)
  - ATEX (CF\*)
  - Fire Detection CO2 System (CF\*)
  - Safety cages where necessary (CF\*)
  - Manuals in Croatian Language (CF\*)
- Piece dimensions:
  - Configurations of wheel dimensions: min (W x H) 50x100 mm (2.10"x4" - min. 4 pieces per jig) - max (W x H) 1450x1800 mm (1 pcs per jig) (CF\*)
- Painting Specification
  - 60-150 Micron (µm) thickness with variation no greater than 50% point to point.
- Target Changeover Time
  - 15 mins
- Total System installed Power
  - Estimated 50 kW
- Miscellaneous
  - Recommended Spare Parts List
  - Extra Parts Required for Immediate Use / Maintenance
  - CF List of extra support required from site including connections and building works (CF\*)

Note: (CF\*) = critical features

## 2.4 Price terms

The tender price should be expressed in the absolute amount in EUR and will remain unchanged during the duration of the Procurement Contract. All costs and discounts must be included in the tender price without value added tax.

Values can also be expressed in a currency other than EUR and in this case, when calculating the equivalent value, the Contracting Authority uses the average exchange rate of the Croatian National Bank for the currency, subject to conversion into EUR, valid on the date of sending

this open tender invitation for publication.

### **3. DELIVERY TERMS**

#### **3.1 Place of delivery**

Place of delivery will be the at the premises of the Project Promotor, Factory STARCO Beli Manastir d.o.o., Osječka 1a, 31300 Beli Manastir, Croatia.

#### **3.2 Delivery terms**

The subject matter of procurement shall be delivered not later than 31/07/2023. Upon the delivery of the subject matter of procurement the Installation and Commissioning should be obtained within 2 weeks' time.

Partial deliveries are allowed, if the unit is delivered as a whole, meaning it can be installed and put into operation as such. Delivery of the unit without certain parts that make it functional are not permitted.

The subject matter of procurement must meet European standards.

The delivery terms expressed in the tender offer will be an important part in evaluation process of offers- detailed explanation is in the Section 5. TENDER SELECTION CRITERION.

### **4. TENDER DATA**

#### **4.1 Tender content**

When preparing the offer, the tenderer must comply with the requirements and conditions of this tender. The tenderer may not change or add to the text of the call for tenders in a way that changes the form of the annexes signed by the legal representative. All costs of preparing the offer are at the expense of the tenderer.

The tender must contain at least:

- Name of the Tenderer, address and personal ID No. (OIB)
- Completed offer with technical specifications addressing the technical requirements mentioned in Section 2.3 Specifications
- Clearly indicated price and delivery terms

#### **4.2 Language of the tender**

The tender is submitted in Croatian or English, and in Latin script.

#### **4.3 Tender submission**

The complete tender must reach the Contracting Authority at the address of the contracting authority in a sealed envelope or via email address by the end of the tender period. Incomplete offers will be excluded from the evaluation.

The sealed envelope must indicate:

On the front:

STARCO Beli Manastir d.o.o.

Osječka 1a, 31300 Beli Manastir, Croatia

Procurement number 2023/364026 - P1

Subject matter of procurement: AUTOMATED PAINT RECIPROCATOR SYSTEM TENDER – DO NOT OPEN

On the back:

Name and address of the tenderer, personal ID No. (OIB)

Email submission:

Must be sent to: [dejan.adler@starco.com](mailto:dejan.adler@starco.com)

SUBJECT: Procurement number 2023/364026 - P1

Subject matter of procurement: AUTOMATED PAINT RECIPROCATOR SYSTEM TENDER

#### **4.4 Deadline and method of tender submission**

The tender offer must be received by the Contracting Authority, in a sealed envelope, at the address of the Contracting Authority referred to in item 4.3 or via email address referred to in item 4.3 of this Open Tender Invitation, no later than 21/05/2023 at 15:00 Central European Time.

The tenderer independently determines the method of tender submission and bears the risk of possible loss or untimely tender submission.

Tenders received after the deadline for tender submission will not be subject to evaluation of tenders. Opening of tenders is not public.

### **5. TENDER SELECTION CRITERION**

The selection criterion is the lowest price.