ANNEX 1. Tender Sheet

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Hrvatska

2. Object of Procurement (please circle YES for offered groups):

Group 1. CNC bending machine for bending length up to 2 m and employee training to use CNC bending machine for bending length up to 2 m

CNC bending machine for bending length up to 2 m

- Automated machine control
- Bending strength 500 kN or more
- Stopper with 6 axes or more
- Opening height 385 mm or more
- Y axis speed
    - Incoming speed 200 mm/s or more
    - Y axis operating speed 20 mm/s or more
    - Y axis return speed 200 mm/s or more
- X axis positioning speed 1500 mm/s or more
- R axis positioning speed 500 mm/s or more
- Z axis positioning speed 1400 mm/s or more
- Y axis positioning accuracy 0.005[1] or less
- Y axis travel 200 mm or more
- X axis travel 240 mm or more
- R axis travel 100 mm or more
- Z axis travel 1400 mm or more
- Possibility of bending the material into a curve
- Automated protection of bending tools
- Possibility to control the machine via the foot control unit
- Safety operator protection system when operating the machine via the foot control unit
- Illuminated work area at the front and rear of the machine
- Bar code reader included
- Mobile robotic bending unit included
- Vacuum acceptance of bending materials via a mobile robotic unit
- Material handling capacity of the mobile robotic unit 10 kg or more
- Ability to save repetitive bending jobs

[1] The lower the value, the better the accuracy

- Illuminated working area of the mobile robotic unit
- Conveyor belt for bent workpieces included
- Unit for synchronizing the mobile robot unit with the bending machine
- CNC bending machine programming software included

Training of 6 employees for 80 hours to use a CNC bender for bending lengths up to 2 m.

The Tenderer confirms that he offers the object of procurement of the above mentioned technical specifications (**please circle**):

YES NO

Group 2. CNC machining center for turning and milling and employee training to use CNC machining center for turning and milling

CNC machining center for turning and milling

- CNC machining center for turning and milling with 5-axis simultaneous machining (X1 axis, X2 axis, Z1 axis, Z2 axis, Y axis) and with additional B axis for turning and milling
- Includes turning and milling head above the axis of rotation
- Includes turning and milling revolver head below the axis of rotation
- Possibility to use the revolver head as a tailstock
- Possibility of installing a line on the revolver head
- Integrated spindle water cooling
- Includes main spindle, subspindle and milling spindle
- Main spindle power in S1 mode[2] 15 kW or more
- Main spindle speed 3,000 rpm or more
- Subspindle power in S1 mode 11 kW or more
- Subspindle speed 4,000 rpm or more
- Milling spindle power in S1 mode 15 kW or more
- Milling spindle speed 12,000 rpm or more
- Main spindle opening 80 mm or more
- Subspindle opening 65 mm or more
- The main and auxiliary spindles contain the corresponding clamping heads
- Torques:
    - Main spindle torque 290 Nm or more
    - Subspindle torque 250 Nm or more
    - Milling spindle torque 100 Nm or more
- Strokes
    - Z1 axis 1,215 mm or more
    - Z2 axis 1,205 mm or more
    - X1 axis 530 mm or more
    - X2 axis 210 mm or more
    - Y axis 240 mm or more
    - B axis ± 120 degrees or more
- Stroke speed
    - Z1 axis - 30 m/min or more
    - Z2 axis - 30 m/min or more
    - X1 axis - 30 m/min or more
    - X2 axis - 16 m/min or more
    - Y axis - 12 m/min or more

[2] S1 mode indicates that the machine can use the specified power at all times.

- Turning diameter 300 mm or more
- Tool tray included
- Number of tools in the tool tray 80 or more
- Tool diameter 90 mm or more
- Permissible weight of all tools 12 kg or more
- Permissible tool length 300 mm or more
- The tool tray contains 12 or more slots for driven or static tools
- Possibility of direct measuring of X1, X2, Y and Z1 axes
- Ability to measure tools and detect tool wear on the machine
- Possibility to check the kinematics of the machine
- Possibility of programming the differential clamping pressure on the subspindle
- High-pressure pump with sawdust flushing system on milling spindle with pressure of 60 bar or more included
- High-pressure pump with sawdust flushing system on revolver spindle with pressure of 12 bar or more included
- Device for receiving and removing the workpiece from the machine
- Machine management software included
- Software solution for surface milling included
- Industrial computer with 20GB or more memory included
- Subspindle ejector included
- Possibility of internal rinsing of the workpiece with coolant and air
- Sawdust drainage device
- Oil mist air filter included
- Bar feeder included
- Bar length on the feeder 1,500 mm or more
- Bar diameter 80 mm or more
- Tool holders included:
    - 2 or more driven flat milling tool holders
    - 4 or more driven angle milling tool holders
    - 1 or more left single tool holder
    - 1 or more right single tool holder
    - 1 or more left and right tool holder
    - 1 or more left double tool holder
    - 1 or more right double tool holder
    - 1 or more cutting tool holder
    - 4 or more internal turning tool holders
    - 9 or more reduction sleeves
    - Cutter clamp set
        - lower limit of 3 mm or less in diameter
        - upper limit of 20 mm or more in diameter
- Possibility of making gears

- Software options included:
  - For 5 axis simultaneous milling
  - For polynomial interpolation[3]
  - For involute interpolation[4]
- Possibility of remote machine diagnostics
- Possibility of 3D graphic simulation
- Ability to load in CAD models

Training of 12 employees lasting 80 hours to use the CNC machining center for turning and milling.

The Tenderer confirms that he offers the object of procurement of the above mentioned technical specifications (**please circle**):

YES NO

By signing this document, the Tenderer confirms he will provide the subject of procurement in accordance with above stated technical specifications.

3. Tenderer:

- Authorized person of the Tenderer:.....

4. General Information about the Tenderer:

- Tenderer company name: .....
- Residence address: .....
- OIB / identification / registration number:.....
- Account number (IBAN): ....., name of bank:.....
- Tenderer is in a VAT system (circle the answer):

  YES NO
- E-mail address: .....

[3] Polynomial interpolation - creating an approximate continuous function through a set of given points

[4] The involute interpolation method for a numerical control unit having both a rotating and a linear axis includes steps to command the direction of rotation of the involute curve (IC1), center of the base circle (BC), radius (R) of the base circle and Z-axis, interpolating the involute curve (IC1) and the Z-axis according to this command, and converting the amount of interpolation into the corresponding rotating axis, linear axis and Z-axis to control the machine tool thereby.

- Contact person for Tenderer: .....
- Phone: .....

5. Tender Price (In Croatian Kunas or Euros):

Group 1. CNC bending machine for bending length up to 2 m and employee training to use CNC bending machine for bending length up to 2 m

Total Tender Price without VAT: ..... (in numbers)

Group 2. CNC machining center for turning and milling and employee training to use CNC machining center for turning and milling

Total Tender Price without VAT: ..... (in numbers)

6. Warranty period[5] (specify for the offered groups of procurement):

- **Group 1.** .....
- **Group 2.** .....

7. Tender validity period (minimum 90 days).....

8. Subcontractors or a community of Tenderers (write YES or NO):

.....

[5] The warranty period is stated in months

In the event that our tender is accepted, we are ready to deliver the goods and conduct employee training service in the manner and under the conditions laid down in the tender documentation.

Date: .....

Tenderer:

_____
(name of person signing the Tender)

_____
(Signature and company seal/stamp)

ANNEX 2. Bid Sheet

Tenderer company name: .....

Residence address: .....

OIB / Identification / Registration Number: .....

Group 1. CNC bending machine for bending length up to 2 m and employee training to use CNC bending machine for bending length up to 2 m

NUMBER	CRITERIA FOR QUALITY EVALUATION	CRITERIA FOR QUALITY EVALUATION	OFFERED VALUE
1.	Bending strenght	More than 500 kN	
		500 kN	
2.	Opening height	400 mm or more	
		386 - 399 mm	
		385 mm	
3.	Y axis incoming speed	300 mm/s or more	
		201 - 299 mm/s	
		200 mm/s	
4.	Y axis operating speed	30 mm/s or more	
		21 - 29 mm/s	
		20 mm/s	
5.	Y axis return speed	300 mm/s or more	
		201 - 299 mm/s	
		200 mm/s	
6.	X axis positioning speed	2.000 mm/s or more	
		1.501 - 1.999 mm/s	
		1.500 mm/s	
7.	R axis positioning speed	600 mm/s or more	
		501 - 599 mm/s	
		500 mm/s	
8.	Z axis positioning speed	1.900 mm/s or more	
		1.401 - 1.899 mm/s	
		1.400 mm/s	
9.	Y axis travel	250 mm or more	
		201 - 249 mm	
		200 mm	

10.	X axis travel	340 mm or more	
		241 - 339 mm	
		240 mm	
11.	R axis travel	200 mm or more	
		101 - 199 mm	
		100 mm	
12.	Z axis travel	1.600 mm or more	
		1.401 - 1.599 mm	
		1.400 mm	
13.	Ability to control the machine via the touch screen	YES	
		NO	
14.	Automatically shut down the machine when inactive or go to sleep	YES	
		NO	

Elaboration of the offered price of the procurement item (specify currency – HRK or EUR):

A	Price of machine (without VAT)	
B	Price of employee training (without VAT)	
C	Total price (without VAT) (A+B)	
D	VAT (if applicable)	
E	Total price (VAT included) (C+D)	

Group 2. CNC machining center for turning and milling and employee training to use CNC machining center for turning and milling

NUMBER	CRITERIA FOR QUALITY EVALUATION	CRITERIA FOR QUALITY EVALUATION	OFFERED VALUE
1.	Main spindle power in S1 mode	26 kW or more	
		16 - 25 kW	
		15 kW	
2.	Main spindle speed	3.500 rpm or more	
		3.001 - 3.499 rpm	
		3.000 rpm	
3.	Subspindle power in S1 mode	18 kW or more	
		12 - 17 kW	
		11 kW	
4.	Subspindle speed	4.500 rpm or more	
		4.001 - 4.499 rpm	
		4.000 rpm	

5.	Milling spindle power in S1 mode	21 kW or more	
		16 - 20 kW	
		15 kW	
6.	Main spindle opening	90 mm or more	
		81 - 89 mm	
		80 mm	
7.	Subspindle opening	70 mm or more	
		66 - 69 mm	
		65 mm	
8.	Main spindle torque	More than 290 Nm	
		290 Nm	
9.	Subspindle torque	More than 250 Nm	
		250 Nm	
10.	Milling spindle torque	More than 100 Nm	
		100 Nm	
11.	Turning diameter	350 mm or more	
		301 - 349 mm	
		300 mm	
12.	Optical workpiece measuring device included	YES	
		NO	
13.	Oil and coolant separation tool included	YES	
		NO	
14.	Coolant level meter included	YES	
		NO	
15.	Cooling flushing gun included	YES	
		NO	
16.	Automatically shut down the machine when inactive or go to sleep	YES	
		NO	

Elaboration of the offered price of the procurement item (specify currency – HRK or EUR):

A	Price of machine (without VAT)	
B	Price of employee training (without VAT)	
C	Total price (without VAT) (A+B)	
D	VAT (if applicable)	
E	Total price (VAT included) (C+D)	

Date: .....

Tenderer:

_____
(Name of person signing the Tender)

_____
(Signature and company seal / stamp)

ANNEX 3. Information on Tenderer Community

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Hrvatska

2. Object of Procurement (please circle YES for offered groups):

- **Group 1.** CNC bending machine for bending length up to 2 m and employee training to use CNC bending machine for bending length up to 2 m
- **Group 2.** CNC machining center for turning and milling and employee training to use CNC machining center for turning and milling

3. General information about the community of tenderers:

Company name of a member of the community of tenderers: .....

- Residence address: .....
- OIB / Identification / Registration Number: .....
- Account number: .....
- Tenderer is in a VAT system: YES NO
- E-mail address: .....
- Contact person for Tenderer: .....
- Phone: .....
- Amount of the contract taken by member of community of tenderers: .....
- Part of the Tender taken by community member (write according to the Technical specifications from the Tender documentation, add rows as needed): .....

Tenderer:

_____

(name of person signing the Tender)

_____

(signature and company seal/stamp)

ANNEX 4. Information on Subcontractors

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Hrvatska

2. Object of Procurement (please circle YES for offered groups):

- **Group 1.** CNC bending machine for bending length up to 2 m and employee training to use CNC bending machine for bending length up to 2 m
- **Group 2.** CNC machining center for turning and milling and employee training to use CNC machining center for turning and milling

3. Information on subcontractors

- Company name: .....
- Residence address: .....
- OIB / identification / registration number: .....
- Account number: .....
- Amount of the contract taken by subcontractor: .....
- Part of the Tender taken by subcontractor (write according to the Technical specifications from the Tender documentation, add rows as needed): .....

Tenderer:

_____
(name of person signing the Tender)

_____
(signature and company seal/stamp)

ANNEX 5. Statement of Good Conduct, Fulfillment of Obligations based on Payment of Salaries to Employees and Payment of Contributions and Truth

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Authorized / responsible person:

Name: _____

OIB / identification / registration number:_____

1. Under material and criminal liability, we declare that as a tenderer or persons authorized by law to represent the tenderer (persons who are members of the administrative, management or supervisory body or have the authority to represent, make decisions or supervise the economic entity) we have not been convicted of any of the following criminal offenses, acts or for appropriate criminal offenses according to the regulations of the state of the tenderer's residence or the state of which the person is a citizen authorized by law to represent the tenderer:
   - participation in a criminal organization, criminal association, commission of a criminal offense within a criminal association, association for the commission of criminal offenses, terrorism or criminal offenses related to terrorist activities, money laundering or terrorist financing, child labor or other forms of trafficking, corruption, bribery in business, bribery in business, abuse in public procurement, abuse of position and authority, illegal favoritism, bribery, bribery, trading in influence, bribery for trading in influence, abuse of position and authority, abuse of office, illegal intermediation, fraud, business fraud, tax or customs evasion, subsidy fraud.
2. Under material and criminal liability, we give a statement that we fulfill the obligations based on the payment of salaries to employees and obligations based on the payment of contributions for financing compulsory insurance (health and pension insurance and other compulsory contributions), in accordance with the

regulations of the country in which we are established apropos we have a business establishment.

3. Under material and criminal liability, we provide a statement that neither the responsible person of the economic entity personally nor the economic entity has falsely stated, presented or provided false information regarding the conditions stated by the Procurer as necessary in connection with this procurement procedure.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

ANNEX 6. Payment of Taxes Statement

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Under material and criminal liability we declare that:

- we fulfill the obligation to pay taxes in accordance with the regulations of the country in which we are founded, apropos the country in which we are established, unless a deferral of payment of these obligations is granted in accordance with special rules and if the amount of overdue and unpaid obligations does not exceed 200 kuna.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

ANNEX 7. Conflict of Interest Absence Statement

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Authorized / responsible person:

Name: _____

OIB / identification / registration number:_____

Under material and criminal liability we declare that neither the responsible persons within the company nor the company's owners nor the company itself are in a conflict of interest with the Procurer, its owners, its members of the administrative, management or supervisory body, members of the expert procurement committee and persons involved in the implementation of this procurement procedure or may affect the outcome of this procedure with the Procurer or the procurement service providers acting on behalf of the Procurer.

Under material and criminal liability, we declare that **we are not in a conflict of interest** under item 1.2. Calls for tenders, as well as according to Annex 4 of the Rules on the implementation of procurement procedures for non-obligors of the Croatian Public Procurement Law Calls for "Strengthening the competitiveness of enterprises by investing in digital and green transition" (reference number KK.11.1.1.01).

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

ANNEX 8. Statement of Qualification of a Person for Setup and Installation of Equipment

Company:

Name: _____

Address: _____

OIB / identification / registration number: _____

Under material and criminal liability, we declare that we have at our disposal at least one person who will perform the setup and installation of the (**please circle the offered group of procurement**):

- **Group 1.** CNC bending machine for bending length up to 2 m
- **Group 2.** CNC machining center for turning and milling

The person /persons at our disposal have the professional skills, knowledge and experience for the setup and installation of the machine.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

ANNEX 9. Statement of Professional Qualification to Conduct Training on the Use of the Equipment

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Authorized / responsible person:

Name: _____

OIB / identification / registration number:_____

Under material and criminal liability, we declare that we have at our disposal at least one person who will perform the training in the use of the (**please circle the offered group of procurement**):

- **Group 1.** CNC bending machine for bending length up to 2 m
- **Group 2.** CNC machining center for turning and milling

The person /persons at our disposal have the professional skills, knowledge and experience to perform the specified training.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)