

Call for Tenders

The Contracting Authority of the small-scale public procurement (hereinafter referred to as "SSPP") pursuant to Section 27 of Act No. 134/2016 Coll., on Public Procurement, as amended (hereinafter referred to as the "Act") hereby invites the supplier to submit its tender within the below **SSPP to deliver goods** named "**Polohovací jednoosý systém**".

1) Identification data of the Contracting Authority:

Business name/name:	University of West Bohemia in Pilsen (<i>Západočeská univerzita v Plzni</i>)
Registered office:	Univerzitní 8, 301 00 Plzeň
Represented by:	Mgr. Marta Kollerová, bursar
Legal form:	public university
Identification No.	497 77 513

Contact person:
doc. Ing. Milan Honner, Ph.D.
telephone +420 37763 4720
e-mail honner@ntc.zcu.cz

Identification of the project from which the subject SSPP is to be funded:

Project Name:	LABIR-PAV / Předaplikační výzkum infračervených technologií
Project Number:	CZ.02.1.01/0.0/0.0/18_069/0010018

2) Name of the SSPP:

Polohovací jednoosý systém

3) Description of the scope of the SSPP (technical conditions):

3.1 Description of the scope of the SSPP

The scope of the public tender are Polohovací jednoosý systém.

Details of the performance under the SSPP are described in Annex to the binding draft contract, which is attached as Annex No. 4 to this call.

3.2 Classification of the subject of performance of the SSPP corresponds to:

42400000-0 Zdvíhací a manipulační zařízení a jejich díly (Lifting and handling equipment and parts)

4) Time and place of performance of the SSPP:

Time and place of performance are specified in the binding draft contract.

5) Information on the tender documentation:

The tender documentation is included in the terms and conditions of this call for submitting tenders (hereinafter referred to as the "Call"). The Call to submit tenders, including all attachments, is published in English.

6) Type of public procurement:

This is an SSPP for delivery of goods.

7) Deadline and place for submission of tenders and proof of qualification:

7.1 Deadline for submission of tenders

Tenders may be submitted no later than on **10.06.2020** at **[10:00]** o'clock. The Contracting Authority will not open any tenders submitted after the deadline for submitting tenders. The Contracting Authority will immediately notify the supplier of this fact.

7.2 Place for submission of tenders

Tenders can be submitted in person or by mail to the address of the Contracting Authority: University of West Bohemia in Pilsen (*Západočeská univerzita v Plzni*), Univerzitní 8 (mail room - on working days from 8:00 am until 2:00 pm), 301 00 Plzeň. No other delivery is considered to be the proper submission of a tender.

8) Terms and conditions for preparation of tenders:

8.1 Tenders shall be submitted in written paper form in a properly sealed envelope and at the same time also in electronic form on a portable data medium (scanned tender in *.pdf format; the draft contract will also be submitted in *.doc or compatible format). The Contracting Authority recommends that the envelope be marked with the business name/name and the stamp or signature of the statutory body of the supplier or the person authorized to represent the supplier. The envelope must be labeled "Do not open - public tender: Polohovací jednoosý systém". The return address of the supplier must appear on the envelope.

8.2 Identification details of the supplier shall be stated in the tender (cover sheet and contract), in particular: business name or name, registered office/seat, legal form, identification number of the person (if assigned) in the case of a legal person, and business name or first name and surname, place of business or - where applicable - place of residence, identification number (if assigned) in the case of a natural person. Further, the supplier is advised to also include the name of a person authorized to act on behalf of the supplier or a person authorized to represent the supplier, a contact person for written communication between the supplier and the Contracting Authority.

8.3 The offer must be written English and must contain the draft contract signed by a person authorized to act on behalf of or for the supplier. If a representative is acting on behalf of the supplier on the basis of a power of attorney, the power of attorney must be included in the tender, specifying the scope of the authorization.

8.4 The supplier shall submit the tender in one copy. The Contracting Authority recommends that all sheets comprising the tender be firmly stapled or bound together so that they are adequately prevented from being removed from the tender, and for them to be numbered consecutively in ascending order. Furthermore, it is recommended for the offer to be properly legible, without corrections or overwriting.

8.5 If multiple suppliers are submitting a tender together (joint tender), they shall also list a person in the tender to represent the suppliers in contact with the Contracting Authority during tender proceedings. The contract header will then list all the suppliers who are submitting a joint tender.

8.6 The Contracting Authority recommends submitting the offer in the following structure:

a) Title Page

Name of the public procurement, identification data of the Contracting Authority.

b) Contents

The offer shall contain all of the following chapters in the required breakdown; the respective sheet numbers or page numbers will be assigned to these chapters.

c) the cover sheet of the offer

The supplier shall use Annex No. 1 to this Call

d) documents proving compliance with the qualifications, structured as described in para 10 of this Call;

e) the signed draft contract the binding content of which forms Annex No. 3 to this Call;

9 Tender validity period:

Suppliers are bound by their offer for 60 calendar days. The tender validity period begins on the day when the tender submission deadline expires and ends on the day when the contract for performance of the SSPP is concluded or the tender is canceled.

10 Qualification criteria and method of their verification:

10.1 A supplier is qualified to perform the public procurement if it proves:

a) basic competence;

10.2 Period of proving fulfilment of the competence criteria

Each supplier is obliged to prove compliance with the qualification criteria within the deadline for submission of tenders specified in clause 7) para a) of this Call.

10.3 Basic competence

10.3.1 A supplier is not eligible if it:

- a) has been lawfully convicted of an offense referred to in Annex No. 3 in relation to the Act or of a similar offense under the law of the country of residence/registered office of the supplier in the last 5 years prior to the commencement of this tender procedure; spent convictions are not taken into account,
- b) has tax payable recorded in the tax records in the Czech Republic or in the country of its registered office,
- c) has outstanding payable public health insurance premiums or penalties recorded in the Czech Republic or in the country of its registered office,
- d) has an outstanding balance of premiums or penalties recorded for social security and contributions to state employment policy in the Czech Republic or in the country of its registered office,
- e) is being wound up or subject to a bankruptcy order, forced administration has been ordered regarding its assets under a special legal regulation, or is in a similar situation under the law of the country of residence of the supplier.

10.3.2 If the supplier is a legal person, the condition under clause 10.3.1 subsection a) of this Call shall be met by such legal person and by each member of its statutory body. If a legal person is a member of the statutory body of the supplier, then the condition under clause 10.3.1 subsection a) of this Call must be met by:

- a) the said legal person,
- b) each member of the statutory body of such legal person and
- c) the person representing such a legal person in the statutory body of the supplier.

10.3.3 The supplier shall demonstrate compliance with the basic competence under clause 10.3.1 of this Call by submitting an **affidavit** for clause 10.3.1 subsection a) to e) of this Call (template of an affidavit - see Annex No. 2 to this Call). The affidavit must be dated and signed by the supplier or by a person authorized to act on behalf of the supplier.

11) Estimated value of the SSPP:

The total estimated value of the SSPP: 39 200 EUR, excluding VAT.

The estimated value of the SSPP is a maximum price that cannot be exceeded. The Contracting Authority does not have any additional funds. In the event that the supplier submits a higher tender price than the estimated value of the public tender, it will be excluded from the tendering process due to non-compliance with the tender conditions.


12) Method of calculating the tender price:

12.1 The tender price in EUR without VAT shall be stated as the total price for the performance of the subject matter of the public tender.

- 12.2 The tender price shall include all costs of the performance of the SSPP and must be set as the highest allowable price, including all fees and any other costs associated with the performance of the scope of the public tender.
- 12.3 The tender price quoted by the supplier on the tender cover sheet (see Annex No. 1 to this Call) and in the draft contract (see Annex No. 3 to this Call) must be identical.
- 13) **Variants of the solution:**
The Contracting Authority shall not allow any variants to the tender.
- 14) **Evaluation criteria:**
Tenders will be evaluated according to their value for money, namely **the lowest tender price in EUR without VAT** for this public tender procedure.
The order of the tenders will be based on the tender price, from the lowest priced tender to the highest. Prior to determining the order of the tenders, the Contracting Authority shall assess tender prices with a view to any potentially extremely low tender prices.
The Contracting Authority will select the supplier whose offer has been evaluated as the tender which is the best value for money.
- 15) **The contract is not awarded in a tender procedure according to Act No. 134/2016 Coll., as amended, in accordance with Section 31 of the said Act.**
- 16) **Language of the offer:**
The tender shall be drawn up in English.
- 17) **Terms and Conditions for fulfilment of the public tender:**
17.1 The Terms and Conditions are provided in the binding draft contract that forms Annex No. 3 to this Call. Suppliers are only allowed to add data to the mandatory draft contract in the gaps indicated by the words **[TO BE FILLED IN BY THE SUPPLIER]**. No further changes to the draft contract are permitted.
17.2 The draft contract must be signed on behalf of the supplier by its statutory body or person authorized to do so by the statutory body. In the latter case, the original or a certified copy of the authorization or power of attorney shall be included by the supplier as an attachment to the draft contract.
- 18) **Other requirements and prerequisites of the Contracting Authority for the performance of the subject matter of the public tender:**
18.1 In their tender, the supplier shall specify the portions of the public procurement that it intends to subcontract to one or more subcontractors, and shall state the identification details of all these subcontractors.
18.2 The Contracting Authority reserves the right to verify all information provided by the supplier by asking third parties; the supplier is obliged to provide all necessary assistance in this respect.
18.3 The Contracting Authority reserves the right not to conclude a contract with any supplier or to cancel a tender procedure without stating any reason.
18.4 No supplier shall be entitled to reimbursement of costs associated with participation in the tender procedure under this SSPP. Neither the original offer nor its individual parts are returned to the supplier.
18.5 The Contracting Authority reserves the right to modify or amend the subject matter of this SSPP or the terms and conditions of this Call. This will be notified in writing by the Contracting Authority to all suppliers who have been sent the Call or who have requested the option to submit their tender. The Contracting Authority will send additional information to the suppliers (explanation of the tender documentation) no later than 4 business days before the deadline for submission of tenders. At the same time, the deadline for submission of tenders will be extended accordingly.

19) List of Annexes:

1. Cover Sheet of the Offer
2. Affidavit to Demonstrate Basic Competence
3. Binding Draft Contract
4. Technical specification



Mgr. Marta Kollerová
Bursar

Západočeská univerzita v Plzni
kvestor

Cover Sheet of the Offer

BASIC DATA:

Name of the SSPP: **Polohovací jednoosý systém**

The Contracting Authority:

University of West Bohemia in Pilsen

(Západočeská univerzita v Plzni)

Represented by:

doc. Dr. RNDr. Miroslav Holeček, rector

Person authorized to act on behalf
of the Contracting Authority:

Mgr. Marta Kollerová, Bursar

Registered office:

Univerzitní 8, 301 00 Plzeň

Identification No.

49777513

Tax Identification No.

CZ49777513

Contact person:

doc. Ing. Milan Honner, Ph.D.

telephone

+420 37763 4720

e-mail

honner@ntc.zcu.cz

The supplier:

[TO BE FILLED IN BY THE SUPPLIER]

Registered office:

[TO BE FILLED IN BY THE SUPPLIER]

Identification No.

[TO BE FILLED IN BY THE SUPPLIER]

Tax Identification No.

[TO BE FILLED IN BY THE SUPPLIER]

Represented by:

[TO BE FILLED IN BY THE SUPPLIER]

The tender price:

	Currency	Price excluding VAT
Polohovací jednoosý systém	EUR	[TO BE FILLED IN BY THE SUPPLIER]

Dated [TO BE FILLED IN BY THE SUPPLIER]

[TO BE FILLED IN BY THE SUPPLIER -

business name +

person authorized to act on behalf of the supplier]

Affidavit to Demonstrate Compliance with Basic Competence

The supplier (name / business name): [TO BE FILLED IN BY THE SUPPLIER]

Address of the registered office / place of doing business: [TO BE FILLED IN BY THE SUPPLIER]

Identification No. [TO BE FILLED IN BY THE SUPPLIER]

For the purposes of proving my basic competence, I hereby solemnly swear that:

- a) the supplier and each member of its statutory body, or person representing the supplier in its statutory body, has not been lawfully convicted of an offense referred to in Annex No. 3 in relation to Act No. 134/2016 Coll., on Public Procurement, as amended or of a similar offense under the law of the country of residence/registered office of the supplier in the last 5 years prior to the commencement of this tender procedure; spent convictions are not taken into account;
- b) the supplier has no tax arrears recorded in the Czech Republic or in the country of its registered office;
- c) the supplier has no outstanding arrears in premiums or penalties for public health insurance in the Czech Republic or in its country of residence;
- d) the supplier has no outstanding arrears in premiums or penalties for social security or state employment policy contributions in the Czech Republic or its country of residence;
- e) the supplier is not in liquidation, no bankruptcy order has been issued against it, no forced administration has been ordered against it, nor is it in a similar situation under the law of the country of residence/registered office of the supplier.

Dated [TO BE FILLED IN BY THE SUPPLIER]

.....
[TO BE FILLED IN BY THE SUPPLIER –
business name + person authorized to act on behalf of
the supplier]

Binding Draft Contract **PURCHASE AGREEMENT**

concluded in accordance with Section 2079 et seq. of Act No. 89/2012 Coll., Civil Code (hereinafter referred to as "CC ")

This agreement is concluded on the basis of a tender as part of a small-scale public contract implemented outside the requirements of Act. No. 134/2016 Coll., on Public Procurement (hereinafter referred to as the "PPA") (hereinafter referred to as the "tender")

Contracting parties

- 1) **name:** [TO BE FILLED IN BY THE SUPPLIER]
registered office: [TO BE FILLED IN BY THE SUPPLIER]
identification no.: [TO BE FILLED IN BY THE SUPPLIER]
tax identification no.: [TO BE FILLED IN BY THE SUPPLIER]
represented by: [TO BE FILLED IN BY THE SUPPLIER]
bank: [TO BE FILLED IN BY THE SUPPLIER]
bank account number: [TO BE FILLED IN BY THE SUPPLIER]
registered in the Business Register: [TO BE FILLED IN BY THE SUPPLIER]

(hereinafter referred to as the "Seller")

and

- 2) **University of West Bohemia in Pilsen (*Západočeská univerzita v Plzni*)**
registered office: Univerzitní 2732/8, 301 00 Plzeň
identification no.: 497 77 513
tax identification no.: CZ49777513
established by law No. 314/1991 Coll.
represented by: Mgr. Marta Kollerová, Bursar
(hereinafter referred to as the "Buyer")

I. Subject Matter of the Agreement

- 1) Under the conditions set forth herein, the Seller undertakes to deliver to the Buyer Polohovací jednoosý systém further specified in Annex No. 4 hereto (hereinafter referred to as the "subject of purchase" or "goods") corresponding to the technical specifications laid down in Annex No. 4.
- 2) The subject of purchase must be new, fully functional and complete.
- 3) The subject of purchase shall be delivered in the agreed quantity, quality, design, place and time. The Seller undertakes to meet other related obligations under this Agreement and to transfer title to the subject of purchase to the Buyer.
- 4) An integral part of the subject of purchase is the delivery of the subject of purchase to the place of performance, the necessary cooperation with putting it into operation, including verification of its flawless functionality, the delivery of technical documentation and user manuals (in Czech or English, in paper or electronic form) demonstrating all the obligatory functions and parameters of the subject of purchase.
- 5) The Buyer undertakes to accept the subject of purchase (as long as it is not defective) and to pay the Seller the price specified herein under the conditions specified herein.

II. Time and Place of Performance

- 1) The Seller undertakes to hand over the subject of purchase to the Buyer and provide the necessary assistance for its commissioning at the place of delivery i.e. at the University of West Bohemia

in Pilsen, New Technologies - Research Centre, Teslova 11, Plzeň. The Polohovací jednoosý systém must be delivered within 25 weeks. The commissioning is provided by the Seller within 3 months after delivery of the Polohovací jednoosý systém.

- 2) In the event the Seller delays handing over the subject of purchase or should the Seller fail to provide necessary cooperation in commissioning the subject of purchase, the Buyer is entitled to ask the Seller to pay a contractual penalty in the amount of EUR 100 for each commenced day of being in arrears. This is without prejudice to any claim of the Buyer for damages, even to damages that may exceed the contractual penalty (if any).

III. Price and Payment Terms

- 1) The purchase price shall be paid by the Buyer to the Seller after the proper delivery of the subject of purchase – the Polohovací jednoosý systém.
- 2) The Buyer undertakes to pay the Seller the purchase price for the delivery of the subject of purchase, excluding VAT, in the amount of **[TO BE FILLED IN BY THE SUPPLIER]**.
- 3) VAT will be charged at the amount stipulated by law at the date of the chargeable event.
- 4) The purchase price is set as the highest admissible, maximum and non-exceedable, including all fees and all other costs associated with the performance of the subject matter of the Agreement (e.g. customs duties, packing, freight, storage, approval procedure, performance of prescribed tests, obtaining the declaration of conformity, certificates and test-related documents, transfer of rights, insurance, etc.). The Seller is not authorized to charge any additional amounts related to the performance hereunder.
- 5) The purchase price will be paid by the Buyer on the basis of a tax document (hereinafter referred to as the "Invoice").
- 6) The payment terms of the invoice are agreed to equal 30 days from the date of its demonstrable delivery to the Buyer.
- 7) The invoice shall contain all the particulars of a proper accounting and tax document within the meaning of the relevant legal regulations, in particular Act No. 235/2004 Coll., on Value Added Tax, as amended, and all the particulars stipulated in this Agreement.
- 8) In the event that the Invoice does not contain the relevant particulars, the Buyer is entitled to return it to the Seller within the maturity period for correction without being in arrears regarding the payment. The maturity period starts again from the resubmittal of the corrected Invoice to the Buyer.
- 9) The Buyer shall not provide any advance payments.
- 10) In the event the Buyer defaults in payment of the Invoice, the Seller is only entitled to claim from the Buyer late payment interest of 0.05% of the outstanding amount for each commenced day of being in arrears regarding payment of the Invoice.

IV. Transfer of Ownership Rights

- 1) The title to the subject of purchase is acquired by the Buyer on the day of acceptance thereof. At the same time, the risk of damage is transferred to the Buyer as well.

V. Quality Guarantee

- 1) The Seller grants the Buyer a quality guarantee for the subject of purchase provided hereunder, namely guaranteeing the proper performance of the subject of purchase as a whole for the purpose of this Agreement for 4 years.
- 2) The warranty period starts from the date of acceptance of the subject of purchase.
- 3) The Buyer is entitled to notify the Seller of any defect covered by the warranty and any defect that existed at the time of purchase and to exercise the rights following from such a defect at any time during the warranty period, regardless of when the Buyer discovers or may discover the defect, while exercising professional care. If the Buyer notifies the Seller of a defect during the warranty period (i.e., it sends the notification to the Seller by post or e-mail not later than on the last day of the

warranty period), the defect is notified in due time and the parties shall rule out the application of any non-mandatory provisions of legal regulations that deviate from the above.

- 4) The Seller shall carry out warranty repairs free of charge and promptly, taking into account the nature of the defect of the subject of purchase. The Seller is committed to responding (registering a request reported by the Buyer) no later than the next business day. The Seller undertakes to remove the defects within 20 business days of the report of the defect by the Buyer, unless otherwise agreed in writing.
- 5) In this regard, the Seller takes into account that to eliminate defects at the place of performance, it can only work during Czech working days from 8:00 am to 5:00 pm unless agreed otherwise.
- 6) The parties shall draft a report on the removal of the claimed defect; in the report, the representative of the parties shall confirm the removal of the defect. The warranty period shall be extended by the period which runs from the date of notification of the claimed defect until the date of removal of the defect.
- 7) In the case of failure to meet the stated (or otherwise agreed) period for performing the warranty repair, the Buyer is entitled ask the Seller to pay a contractual penalty in the amount of EUR 40 for each commenced day of being in arrears; this shall not affect the right of the Buyer to claim damages.

VI. Communication Between the Parties

- 1) All communication of the parties or other acts hereunder will be addressed to these representatives of the parties in Czech or English:

On behalf of the Seller:

name: [TO BE FILLED IN BY THE SUPPLIER]
email: [TO BE FILLED IN BY THE SUPPLIER]
tel.: [TO BE FILLED IN BY THE SUPPLIER]

On behalf of the Buyer:

name: doc. Ing. Milan Honner, Ph.D.
email: honner@ntc.zcu.cz
tel.: +420 37763 4720

However, these representatives are not authorized to sign any amendments to this Agreement.

- 2) If this Agreement requires written communication of the parties for a particular notice or other act, such communication can be sent by e-mail or through a postal service provider to the address of the registered office of the respective party for the attention of the representative of the party hereunder.

VII. Other Provisions

- 1) In the case of contractual sanctions (contractual penalties), the obliged party shall pay the contractual penalty to the entitled party no later than 30 calendar days from the day of receiving the respective invoice from the other party.
- 2) The payment of contractual penalties hereunder does not affect the claim of the party to compensation for any resulting material or other loss caused by the breach of obligations by the other party, also to the extent that the damage may exceed the amount of the contractual penalty.
- 3) The Buyer is entitled to set off its due and not-yet-payable receivables for payment of contractual penalties or claims for damages against any due or not-yet-payable claim of the Seller. The Seller is not entitled to set off any claim against the Buyer arising hereunder, nor pledge it or assign it to another person without the prior written consent of the Buyer.
- 4) The Seller is not entitled to assign any rights or obligations hereunder to third parties without the prior written consent of the Buyer.

VIII. Termination of the Agreement

- 1) This Agreement may be terminated by an agreement of the parties in writing and/or by withdrawal from this Agreement for reasons set forth herein or laid down by law.

- 2) A party may withdraw from this Agreement because of a material breach of the contractual obligations by the other party. In particular, the following shall be considered a material breach of the contractual obligations:
 - a) on the part of the Buyer, failure to pay the purchase price hereunder within 30 days after the due date of the relevant Invoice;
 - b) on the part of the Seller, if the subject of purchase (or a part thereof) is not properly delivered and put into operation within the agreed deadline;
 - c) on the part of the Seller, if the subject of purchase does not have the properties declared by the Seller herein or the properties resulting from this Agreement;
 - d) on the part of the Seller, if the Seller is in arrears removing the defects as per Art. V. hereof;
 - e) on the part of the Seller, if its statement per Art. VII. Sec. 3 hereof is untrue.
- 3) The Buyer is further entitled to withdraw herefrom if:
 - a) the Seller notifies the Buyer that it is unable to fulfill its obligations hereunder;
 - b) a court of the competent jurisdiction decides that the Seller is bankrupt or subject to a threatened bankruptcy (i.e. it declares that the Seller is bankrupt or that there exists an impending risk of the Seller's bankruptcy), or if the Seller is declared to be insolvent or a reorganization of the Seller is allowed;
 - c) an application for the winding up of the Seller is filed under the Act. No. 90/2012 Coll., the Business Corporations Act, or liquidation of the Seller is initiated in accordance with applicable law.
- 4) Any withdrawal from this Agreement shall be made in writing and delivered as such to the other party at the address given in the header hereof or to its data box.
- 5) The effects of the withdrawal from this Agreement occur on the day when the written notice of withdrawal of the withdrawing party is delivered to the other party.
- 6) In the case of withdrawal from this Agreement, the parties are obliged to settle their mutual obligations and claims laid down by law or stipulated herein within 30 days of the legal effects of the withdrawal, or within another agreed time limit.
- 7) In the case of withdrawal from this Agreement by the Buyer for a material breach of the Seller's contractual obligation, the Seller is obliged to pay the Buyer damages (both material and non-material loss), if any arise.

IX. Final Provisions

- 1) The provisions of hereof may be supplemented, amended or canceled only by written, numerically ascending and dated amendments signed by the authorized representatives of both parties, upon a proposal made by either of them.
- 2) The parties expressly agree that this Agreement, as well as the rights and obligations of the parties arising herefrom or directly related hereto are governed solely by Czech law (excluding its conflict of laws provisions), in particular by the provisions of Act No. 89/2012 Coll., the Civil Code, as amended. The parties expressly exclude the application of the UN Convention on Contracts for the International Sale of Goods (published in the Collection of Laws of the Czech Republic under No. 160/1991 Coll.) and any other international convention.
- 3) If any of the provisions hereof is or becomes ineffective, the remaining provisions hereof remain in effect. The parties undertake to replace the ineffective clause hereof by a different provision that is effective and the content and purpose whereof best corresponds to the content and purpose of the original provision.
- 4) The parties agree that any disputes arising herefrom will be settled solely by the competent court of the Czech Republic, whereas the jurisdiction of the court shall be determined by the registered office (seat) of the Buyer.

- 5) This Agreement is executed in two counterparts, each of which has the validity of the original; each party shall receive one counterpart.
- 6) Both parties declare that they have read the Agreement and agree to its content, which expresses their true will without any errors. At the same time, they represent that this Agreement is not concluded under duress or noticeably disadvantageous conditions, in witness whereof they attach their signatures.
- 7) The Seller acknowledges that the Buyer is an entity required to disclose contracts under Act No. 340/2015 Coll.; and the Buyer shall publish this Agreement in the register of contracts.
- 8) This Agreement is concluded on the day it is signed by the last of the parties to sign. This Agreement becomes effective on the date of the publication in the register of contracts pursuant to Act No. 340/2015 Coll.

Annexes:

Annex No. 4 - Technical specification of the subject of purchase (as determined by the Contracting Authority)

The Seller:

The Buyer:

In [TO BE FILLED IN BY THE SUPPLIER] dated [TO BE FILLED IN BY THE SUPPLIER]

In Plzeň dated

.....
[TO BE FILLED IN BY THE SUPPLIER]
[TO BE FILLED IN BY THE SUPPLIER]
[TO BE FILLED IN BY THE SUPPLIER]

.....
University of West Bohemia in Pilsen
Mgr. Marta Kollerová
Bursar

Technical specification of the subject of purchase

Technical parameters of the system

1. Linear motion stage
 - 1.1. Travel range from 0 to 600 ± 10 mm
 - 1.2. Motion must be realized with ball-screw based motion mechanism
 - 1.3. Motion must be realized by brushless servomotor with TTL encoder
 - 1.4. Accuracy must be at least $\pm 2 \mu\text{m}$ (sum of absolute value of minimum and maximum)
 - 1.5. Position reach repeatability must be at least $\pm 2 \mu\text{m}$ (sum of absolute value of minimum and maximum)
 - 1.6. Horizontal straightness to $\pm 10 \mu\text{m}$ (sum of absolute value of minimum and maximum)
 - 1.7. Moving mass at least 5 kg
 - 1.8. Speed of the stage at least from at least 0,1 mm/s to at least 200 mm/s
 - 1.9. Mean Time Between Failure at least 15 000 hours
 - 1.10. Metrological calibrated by laser interferometer
 - 1.11. Metrological certificate proving position accuracy and repeatability of motion

2. Controller and drives
 - 2.1. Power supply 230 V
 - 2.2. Stand-alone rack configuration
 - 2.3. Support of minimal 6 motion axes
 - 2.4. Minimal 2 encoder inputs
 - 2.5. System must be equipped/preconfigured for usage 4 motion axes (3 x linear stages with TTL encoder and 1 x rotary axis with 1 Vpp sinus encoder)
 - 2.6. No hardware and software controller modifications needed to add 2 x linear stages and 1 x rotary stage to the control
 - 2.7. a) TTL position synchronized output signal based on the user defined distance between points on the trajectory. b) Input for synchronizing this output to the external rising edge clock signal. c) User defined distance on trajectory for TTL outputs must be at least 0.050 mm
 - 2.8. Two axis (XZ) position synchronized output
 - 2.9. Supporting G-code program language
 - 2.10. Matlab support – libraries
 - 2.11. Encoder with square wave frequency at least 10 MHz
 - 2.12. Auxiliary encoder TTL output
 - 2.13. At least 2x analog outputs -10 V to +10 V, 5 mA, 16 bits resolution
 - 2.14. At least 2x differential analog inputs -10 V to +10 V, input impedance $1 \text{ M}\Omega$, 16 bits resolution
 - 2.15. At least 16x digital outputs, maximum voltage 24 V, maximum current 250 mA and maximum $250 \mu\text{s}$ rise/fall time
 - 2.16. At least 16x digital inputs, input voltage from +5 V to +24 V, turn on time maximum $10 \mu\text{s}$ and turn off time maximum $50 \mu\text{s}$
 - 2.17. 2x high-speed RS-422 differential outputs for each axis with maximum output rate at least 30 MHz
 - 2.18. 2x inputs for safety (STO). Safety standard Category 4, PL e according to EN ISO 13849-1:2015
 - 2.19. Motion joystick IP 54 rated

3. Industrial PC
 - 3.1. Pre-installed OS - Windows 10 x64 and motion control software
 - 3.2. At least 16 GB RAM
 - 3.3. At least 256 GB SSD
 - 3.4. At least 4x PCIe and 1x PCI

- 3.5. At least 2x Gbit Ethernet
4. Motion programming software
 - 4.1. Fully compatible with Win 10 x64 and delivered industrial PC
 - 4.2. Fully compatible with software for CAD data implementation
 - 4.3. At least 5 years support – software updates for free
 - 4.4. Graphical program interface
 - 4.5. Supporting of G-code program language (handling AI, AO, DI, DO, program loops, procedures, functions, debugging tools, stepping program code, breakpoints)
 - 4.6. File save, open, text copy, paste, find/replace functions. Controller data: read, write, backup support
 - 4.7. Signalization of motion in process, I/O values, faults, and system status
 - 4.8. Real-time axis position values indicator; digits in millimeters
 - 4.9. Graphical visualization of motion parameters - speed, position, accuracy
 - 4.10. Data logging of the motion with motion error quantification
 - 4.11. Motion auto-tuning and manual tuning support
5. Software for CAD data implementation
 - 5.1. Fully compatible with Win 10 x64 and delivered industrial PC
 - 5.2. Fully compatible with motion programming software
 - 5.3. At least 5 years software updates for free
 - 5.4. Basic CAD functions – drawing of lines, points, polylines/splines, circles, rectangles, text, scaling, rotating, mirroring, aligning, hatching, array – grid and polar
 - 5.5. Supporting functions for laser cutting – lead-in, lead-out trajectories generated automatically
 - 5.6. Import vector based drawings in DXF and DWG file format
 - 5.7. Convert CAD drawings into motion program code; at least G-code
6. Other
 - 6.1. Tested as functional system including calibration
 - 6.2. Installation and commissioning
 - 6.3. Product documentation in English or Czech language