



Invitation to Tender

for a small-scale public contract awarded in accordance with Directive TUO_SME_18_04
version: K – Public Procurement (hereinafter referred to as the "Call")

Name of public contract	Expansion of the platform for testing and advanced control methods (HIL/RCP) – II.
Type of public contract	for supplies
Type of call	open procedure
CPV public contracts (in particular)	31731100-0 Modules 38970000-5 Research, testing and scientific technical simulators 38000000-5 Laboratory, optical and precision instruments and equipment (except glass) 48518000-2 Emulation software package
Co-financed by	Co-financed by the European Union under NEXT GENERATION EU
Project name	AI-MATTERS , project no. 101100707 and project reg. no. AI TEF1.5.02.2

Name of contracting authority	VŠB – Technical University of Ostrava, Faculty of Electrical Engineering and Computer Science
Contracting authority address	17. listopadu 2172/15, 708 00 Ostrava - Poruba
Contracting authority ID	61989100
Authorised representative of the contracting authority	Prof. Ing. Radek Martinek, Ph.D., Dean of the Faculty of Electrical Engineering and Computer Science
Contracting authority URL	http://www.vsb.cz
Contracting authority profile	https://zakazky.vsb.cz
Contracting authority contact person	Marcel Pobořil
Telephone	+ 420 597 329 211
Email	marcel.poboril@vsb.cz

ČÁST I. DEFINITION OF THE SUBJECT MATTER OF THE PUBLIC CONTRACT

- 1.1. The subject of the public contract is the supply of hardware modules designed to expand the existing HIL testing equipment for the validation of electronic systems. The resulting assembly will enable the stimulation and analysis of electrical I/O signals, provide a communication interface and emulate control unit error states. It will support rest-bus simulation and perform automated tests in real time. The equipment replaces real sensors, actuators and communication with surrounding control systems so that the functionality and behaviour of the systems under investigation can be verified on new hardware topologies and algorithms without the need to use a real control system.

The software part must form a comprehensive package with the hardware components for modelling, simulation, configuration and testing of electronic control systems, including the creation of rest-bus simulations, supplementary models and automated tests. It must include a tool for simulating and testing control systems and networks with support for CAN, CAN FD, Ethernet, LIN and other communication interfaces, enabling automatic testing, analysis of measured variables and full configuration and control of the supplied hardware part. It must also include a tool for creating automated tests in text (C#, CAPL) and graphical form, whereby the created tests must be exportable and compatible with the simulation tool, and variables and signals must be transferable in a uniform

format. The set is complemented by software for management, configuration, calibration and other support functions necessary for the complete operation of the SW and HW unit.

Transport to the place of performance is also included in the subject of performance.

A detailed specification of the subject of the public contract is provided in Annex 1, Technical Specification. The terms and conditions of performance are further specified in the terms and conditions (draft purchase contract), which form Annex 2 to this Call for Tenders.

- 1.2. The subject of the public contract will be co-financed by the European Union under NEXT GENERATION EU AI-MATTERS (AI MANufacturing Testing and experimenTation network For EuRopean industries), project number 101100707 and project registration number AI TEF1.5.02.2.
- 1.3. **Deadline for performance:** the subject of performance will be delivered and installed at the place of performance **within 30 calendar days from the date of entry into force of the contract** with the selected supplier.
- 1.4. **The place of performance** (delivery) is Vysoká škola báňská - Technická univerzita Ostrava, Faculty of Electrical Engineering and Computer Science, 17. listopadu 2172/15, 708 00 Ostrava – Poruba, building CPIT TL3.
- 1.5. **The estimated value of the public contract is: CZK 1,980,000.00 excluding VAT.** The estimated value is set as a maximum and cannot be exceeded by participants.
- 1.6. This is not a tender procedure pursuant to Act No. 134/2016 Coll., on Public Procurement, as amended (hereinafter referred to as the "Act"). If this invitation and its annexes refer to the Act, it is understood that this public contract is governed by the relevant provision and the reference to the Act is provided for the purpose of specifying the conditions more precisely.
- 1.7. This document is both a call for tenders and tender documentation. Any reference in the tender conditions to the call for tenders or tender documentation refers to this document and its annexes.
- 1.8. If this Invitation or its annexes contain requirements or references to individual trade names, special company designations, special product designations, services or commercial materials that apply to a specific company or organisational unit, or patents and utility models, these are provided for clarification and approximation of technical parameters only, and the contracting authority allows the use of qualitatively and technically similar solutions.

ČÁST II. EXPLANATION OF TENDER CONDITIONS

- 2.1. The supplier is entitled to request a written explanation of the tender conditions from the contracting authority. The written request must be delivered to the contracting authority **no later than 4 working days** before the deadline for submission of tenders. The written request must be delivered **via the E-ZAK electronic tool available at <https://zakazky.vsb.cz>** (public contract URL: <https://zakazky.vsb.cz/vz00004055>) **or to the e-mail address of the contracting authority's contact person.**
- 2.2. The contracting authority shall send an explanation of the tender conditions, or related documents, no later than 2 working days after receipt of the request referred to in the previous paragraph. If the contracting authority provides an explanation to a request for clarification that is not delivered on time, it does not have to comply with the deadline specified in the previous sentence. If the request for clarification of the tender conditions is delivered on time and the contracting authority does not publish, send or forward the clarification within 2 working days, it shall extend the deadline for the submission of tenders by at least the number of working days by which the period from the delivery of the request for clarification of the tender conditions to the publication, sending or forwarding of the clarification exceeded 2 working days.
- 2.3. The contracting authority shall send the explanation of the tender conditions, including the exact wording of the request under paragraph 2.1 of this Call, simultaneously to all known suppliers via the E-ZAK electronic tool and publish it on the contracting authority's profile.
- 2.4. The contracting authority may provide an explanation of the tender conditions even without a prior request. Paragraphs 2.2 and 2.3 of the Invitation shall apply mutatis mutandis.
- 2.5. The contracting authority may amend or supplement the tender conditions contained in the invitation to tender and its annexes before the deadline for submission of tenders. Any amendment or

supplement to the tender conditions must be published or notified to suppliers in the same manner as the tender condition that has been amended or supplemented. If the nature of the amendment or supplement to the tender conditions so requires, the contracting authority shall at the same time extend the deadline for the submission of tenders accordingly. In the event of such a change or addition to the tender conditions that may expand the circle of potential participants in the tender (hereinafter referred to as "participants"), the contracting authority shall extend the deadline so that it is at least equal to its original length from the date of publication of the change or addition to the tender conditions.

- 2.6. The contracting authority calls for requests for clarification to be submitted in good time so that there is sufficient time for the contracting authority to respond and for individual suppliers to incorporate the responses!

ČÁST III. REQUIREMENTS FOR PROVING QUALIFICATION

- 3.1. As part of the proof of qualification, the contracting authority requires suppliers to meet the following eligibility and qualification requirements.

3.2. Basic eligibility pursuant to Section 74 of the Act:

- 3.2.1. The contracting authority requires the supplier to meet the basic eligibility requirements within the meaning of Section 74(1) of the Act, i.e. a supplier **is not** eligible if:

- a) has been convicted in the country of its registered office in the last 5 years prior to the commencement of the procurement procedure for a criminal offence listed in Annex 3 to the Act or a similar criminal offence under the legal system of the country of the supplier's registered office; expunged convictions shall not be taken into account,
- b) has a tax arrears recorded in the tax records in the Czech Republic or in the country of its registered office;
- c) has outstanding insurance premiums or penalties for public health insurance in the Czech Republic or in the country of its registered office;
- d) has outstanding social security contributions or penalties and contributions to the state employment policy in the Czech Republic or in the country of its registered office,
- e) is in liquidation (Section 187 of the Civil Code), against which a bankruptcy decision has been issued (Section 136 of Act No. 182/2006 Coll., on Bankruptcy and Methods of its Resolution (Insolvency Act), as amended), against which receivership has been ordered under another legal regulation (e.g. Act No. 21/1992 Coll., on Banks, as amended, Act No. 87/1995 Coll., on Savings and Credit Cooperatives and Certain Related Measures and on the Amendment of Czech National Council Act No. 586//1992 Coll., on Income Tax, as amended, Act No. 363/1999 Coll., on Insurance and on Amendments to Certain Related Acts) or in a similar situation under the legal system of the country where the supplier is based.

- 3.2.2 If the supplier is a legal entity, the condition under paragraph 3.2.1(a) of the Call must be met by that legal entity and by each member of its statutory body. If a member of the supplier's statutory body is a legal entity, the condition under paragraph 3.2.1(a) of the Call must be met by:

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

3.2.3 If a branch of a

- a) a foreign legal entity, the condition under paragraph 3.2.1(a) of the Call must be met by this legal entity and the head of the branch,
- b) Czech legal entities must meet the condition under paragraph 3.2.1(a) of the Call for Tenders, as specified by the persons listed in paragraph 3.2.2 and the head of the branch.

The supplier shall prove compliance with the basic eligibility requirements **by submitting a statutory declaration (Appendix 4 to this Call for Tenders may be used)**. Documents proving basic eligibility must demonstrate compliance with the required eligibility criteria no later than 3 months prior to the date of commencement of the selection procedure.

3.3. Professional eligibility pursuant to Section 77 of the Act:

In order to meet the conditions of professional competence, the contracting authority requires the supplier to submit:

- a) in relation to the Czech Republic, **an extract from the Commercial Register** or other similar register, if registration in such a register is required by law.

The supplier is not required to submit the above document if the legal regulations in the country of its registered office do not require similar professional eligibility.

3.4. Technical qualification pursuant to Section 79 of the Act:

To prove technical qualification, the contracting authority requires the submission **of a description of the products to be delivered (hardware modules), which will show whether the offered performance meets the parameters required by the contracting authority, by completing Annex 1 of the Call for Tenders and providing a technical description of the equipment, which clearly states at least the manufacturer and type designation of the offered equipment** (e.g. technical data sheet, catalogue sheet or other suitable form).

3.5. The conditions for proving qualification are further governed by the provisions of Sections 81 to 85, Sections 87 and 88 of the Act.

3.6. Suppliers shall submit copies of qualification documents in their tenders and may replace them with a solemn declaration or a European Single Procurement Document in accordance with Section 87 of the Act.

3.7. During the selection procedure, the contracting authority may request the submission of originals, copies or officially certified copies of documents proving qualification.

ČÁST IV. REQUIREMENTS FOR THE METHOD OF CALCULATING THE TENDER PRICE

4.1. The participant's bid price shall be determined as the total price for the entire subject matter of the public contract, as required by the contracting authority in accordance with this Call for Tender or other documents defining the subject matter of the public contract.

4.2. The bid price for the entire performance of the public contract shall be stated in Czech currency, broken down as follows: bid price excluding value added tax (VAT), VAT separately, and total bid price including VAT.

4.3. The total bid price in the above-mentioned breakdown shall be stated on the cover sheet of the bid – see Annex No. 3 to this Call for Tender and further in the draft purchase contract. In the event of a discrepancy between the bid price stated on the cover sheet and the draft contract, the price stated in the draft purchase contract shall apply.

4.4. The bid price shall be set as the "maximum permissible" price and must include all costs associated with the performance of the public contract.

4.5. The estimated value of the public contract (CZK 1,980,000.00 excluding VAT) is the maximum and may not be exceeded by the participants' bids. **Exceeding the estimated value by a participant's bid is grounds for exclusion of the participant from this tender procedure.**

ČÁST V. METHOD OF EVALUATING BIDS ACCORDING TO EVALUATION CRITERIA

5.1. Bids will be evaluated according to their **economic advantage**. Economic advantage will be evaluated according to **the lowest bid price**. The bid price that is the lowest among all evaluated bids will be evaluated most favourably.

5.2. When evaluating the bid price, the decisive factor will be its **total amount in CZK without VAT** for the entire subject of the public contract specified in the draft purchase contract (Article IV of this Call). The bids will be ranked in ascending order from the lowest to the highest bid price.

ČÁST VI. DEADLINE AND PLACE FOR SUBMITTING BIDS

- 6.1. **Place for submitting bids** - Bids shall be submitted in electronic form only, via the E-ZAK electronic tool available at <https://zakazky.vsb.cz>. The URL of the public contract is: <https://zakazky.vsb.cz/vz00004055>.
- 6.2. **The deadline for delivery of bids is set by the contracting authority as 11th May 2026 at 10:00 a.m.** If a bid is submitted after the deadline specified in the previous sentence, the contracting authority's electronic tool will not accept it.
- 6.3. All conditions and information relating to the electronic tool, including information on the use of electronic signatures, are available in the user guide and electronic signature manual at: <https://zakazky.vsb.cz/manual.html> (in particular in the User Manual under 'Supplier Registration' and 'Electronic Tenders and Requests to Participate')

Technical support for the operator of the E-ZAK electronic tool - tel.: +420 538 702 719, e-mail: podpora@ezak.cz, website: <https://www.ezak.cz/>.

ČÁST VII. TERMS AND CONDITIONS, INCLUDING PAYMENT TERMS

- 7.1. As part of this Call for Tenders, the Contracting Authority submits the terms and conditions, including payment terms, which are binding for the performance of the public contract in question, in the form of a binding draft purchase agreement (hereinafter referred to as the "draft agreement"). The draft agreement forms Annex 2 to this Call for Tenders.
- 7.2. The draft contract defines the future framework of the contractual relationship. The written draft contract must accept the text of the Call or other documents defining the subject matter of the contract. **The written draft contract must fully accept the text of the terms and conditions, which form Annex 2 to this Call, and no deviations from them are permitted (the participant shall only fill in the marked parts of the draft contract, or, if necessary, make appropriate adjustments to the draft contract in accordance with the notes and only to the extent specified therein).** Failure to comply with this condition is considered a breach of the tender conditions, resulting in the participant's exclusion from further participation in the tender. The information provided in the draft contract must not differ from the information provided in other parts of the participant's tender. In the event of any discrepancies, the written draft contract shall always prevail. If the contract includes annexes that are also included in the participant's bid, these annexes shall be attached to the contract only upon signing of the contract, i.e. they do not need to be duplicated as annexes to the draft contract.

ČÁST VIII. CONDITIONS UNDER WHICH THE BID PRICE MAY BE EXCEEDED

The conditions under which the bid price may be exceeded are set out in the annex to this Call for Tenders (see Annex No. 2 - Terms and Conditions).

ČÁST IX. REQUIREMENTS FOR VARIANTS

The contracting authority does not allow variants.

ČÁST X. OTHER REQUIREMENTS FOR THE PERFORMANCE OF THE PUBLIC CONTRACT

By submitting a bid, the participant agrees to provide the content of their bid to the grant provider for the purpose of reviewing the tender.

ČÁST XI. CONDITIONS AND REQUIREMENTS FOR THE PREPARATION AND SUBMISSION OF BIDS

- 11.1. The supplier may submit only one tender.
- 11.2. The participant shall include their identification details in their bid, namely: business name, registered office/place of business/residence, name of the person authorised to act on behalf of the participant, ID number, VAT number, telephone number, e-mail address – see Annex 3 to this Call for Tenders.
- 11.3. Participants shall submit a draft contract signed by a person authorised to act on behalf of or for the participant with their bid. If the draft contract is signed by an authorised representative, the participant's bid must also include the relevant valid power of attorney (a copy of the power of attorney is sufficient).
- 11.4. **The bid shall also include other documents required by the contracting authority, including documents and information proving compliance with the qualifications.**
- 11.5. The contracting authority requires the submission **of a list of subcontractors who will participate in the performance of the public contract** (see Annex 5 to this Call for Tenders for a template). The participant shall include all subcontractors in the list and specify which part of the public contract each subcontractor will perform.
- If the contractor will perform the public contract itself, it shall state this in its tender in the form of a solemn declaration and shall not complete the annex.
- 11.6. **The tender** shall be submitted in **Czech or English**. Documents and deeds submitted in a language other than Czech or English must be accompanied by a translation into Czech or English. The obligation to attach a translation into Czech or English does not apply to documents in Slovak.
- 11.7. The participant's bid must not contain any transcriptions or corrections that could mislead the contracting authority.
- 11.8. The contracting authority recommends (optional) using the following structure for the tender:
- Cover sheet for the tender – the template in Annex 3 to this Call for Tenders may be used.
 - Documents proving basic eligibility – Annex 4 to this Call for Tenders may be used.
 - Documents proving professional eligibility (extract from the Commercial Register),
 - Documents proving technical qualification (list of significant deliveries, description of products to be delivered),
 - Duly signed draft purchase contract including annex (see Annex 2 to this Call)
 - List of subcontractors or declaration of non-use of subcontractors
 - Affidavit (Annex 6 to this Call)
 - Other documents deemed appropriate by the supplier.

ČÁST XII. OTHER PROVISIONS

- 12.1. The contracting authority shall not reimburse suppliers for costs incurred in participating in the tender procedure.
- 12.2. By submitting a bid, the participant grants the contracting authority consent to verify and check the information provided in the bids. The contracting authority shall exclude a participant from the tender procedure if the participant provides false information in their bid.
- 12.3. The contracting authority reserves the right to cancel this public contract at any time prior to the conclusion of the contract.
- 12.4. The contracting authority hereby gives notice that the selected supplier is a person obliged to cooperate in the performance of financial control pursuant to Section 2(e) of Act No. 320/2001 Coll. on financial control in public administration, as amended.

- 12.5. **The contracting authority hereby reserves the right to publish the notification of exclusion of a participant and the notification of the outcome of the selection procedure on the contracting authority's profile. Such notification shall be deemed to have been delivered at the time of publication on the contracting authority's profile.**

ČÁST XIII. INFORMATION ON THE PROCESSING OF PERSONAL DATA

- 13.1. The contracting authority, in its capacity as personal data controller, hereby informs participants, within the meaning of Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (hereinafter referred to as the "GDPR"), about the processing of personal data for the purpose of conducting the selection procedure.
- 13.2. In the course of the tender procedure, the contracting authority may process the personal data of suppliers and their subcontractors (from among natural persons engaged in business), members of statutory bodies and contact persons of suppliers and their subcontractors, persons through whom the supplier proves its qualifications, members of the supplier's implementation team and the actual owners of the supplier.
- 13.3. The contracting authority will process personal data only to the extent necessary for the implementation of the tender procedure and only for the period specified by law, in particular by the Act. Data subjects are entitled to exercise their rights under Articles 13 to 22 of the GDPR in writing at the address of the contracting authority's registered office.

ČÁST XIV. SOCIAL RESPONSIBILITY, INTERNATIONAL SANCTIONS, CONFLICT OF INTEREST

- 14.1. In accordance with the provisions of Section 6 of the Act, the contracting authority considered the possible social impacts before launching the tender procedure. The contracting authority requires the supplier to declare in its tender (a model declaration is attached as Annex 6 to this Call for Tenders) that it will ensure throughout the entire duration of the public contract:
- the fulfilment of all obligations arising from the legal regulations of the Czech Republic, in particular labour law regulations, regulations in the field of employment and occupational health and safety, in relation to all persons involved in the performance of the public contract; it shall also ensure the fulfilment of these obligations by its subcontractors,
 - the negotiation and observance of contractual terms with its subcontractors comparable to those agreed in this contract, in terms of the amount of contractual penalties;
 - proper and timely fulfilment of financial obligations to its subcontractors, where proper and timely fulfilment is considered to be full payment of invoices issued by the subcontractor for services duly provided for the performance of the public contract, within the agreed deadlines and in full compliance with the contractual terms and conditions of the contractual relationship concluded with the subcontractor,
 - to minimise the environmental impact of the performance of the public contract, in particular through waste sorting, energy savings, and respect for sustainability and the possibilities of the circular economy.
- 14.2. With regard to the impact of international sanctions on public procurement, the contracting authority requires the supplier to declare in its tender that neither it nor its subcontractors are subject to any international sanctions under Act No. 69/2006 Coll., on the implementation of international sanctions, as amended, and that no funds or economic resources received for the performance of the public contract will be made available, directly or indirectly, to natural or legal persons, entities or bodies listed in the lists of sanctioned persons under the relevant legislation, or for their benefit; in connection with the above, the contracting authority requires the contractor to also declare that neither it nor any of its subcontractors, suppliers or other persons within the meaning of Section 83 of the Act are subject to the prohibition on the award of public contracts pursuant to Section 48a of the Act (a model declaration is included in Annex 6 to this Call for Tenders).

14.3. Pursuant to Section 4b of Act No. 159/2006 Coll., on conflicts of interest, as amended (hereinafter referred to as the "ZSZ"), the contracting authority is prohibited from award a public contract to a supplier that is a commercial company in which a public official referred to in Section 2(1)(c) of the ZSZ or a person controlled by such an official owns a share representing at least 25% of the partnership interest in the commercial company. For this reason, the contracting authority requires the supplier to declare on its honour that it is not a supplier to which the prohibition referred to in the previous sentence of this paragraph of the Call for Tenders applies (a model declaration is included in Annex 6 to this Call for Tenders).

ČÁST XV. ANNEXES TO THE CALL

- Annex No. 1: Technical Specification
- Annex No. 2: Terms and conditions
- Annex No. 3: Cover sheet for the bid (template)
- Annex No. 4: Affidavit of compliance with basic eligibility requirements
- Annex No. 5: List of subcontractors
- Annex No. 6: Statutory declaration

In Ostrava on

.....

Prof. Ing. Radek Martinek, Ph.D.

Dean of the Faculty of Electrical Engineering
and Computer Science