



EUROPEAN UNION
European Structural and Investment Funds
Operational Programme Research,
Development and Education



Above-threshold public contract for supplies

"IT4I Complementary Systems II"

Contracting Authority:

VSB – Technical University of Ostrava

Registered office Ostrava – Poruba, 17. listopadu 2172/15, Postal code: 708 00,

Company Registration Number: 61989100,

Represented by prof. RNDr. Václav Snášel, CSc., Rector,

Profile of the Contracting Authority: <https://zakazky.vsb.cz/>

Contact person: Ing. Jan Juřena, tel.: + 420 597 329 579, e-mail: SuperpocitacIT4I@vsb.cz

INVITATION TO THE PRELIMINARY MARKET CONSULTATION

Pursuant to Section § 33 of Act No. 134/2016 Coll., on Public Procurement, as amended (hereinafter referred to as "PPA")

VSB – Technical University of Ostrava, registered office Ostrava – Poruba, 17. listopadu 2172/15, Postal code: 708 00, Company Registration Number: 61989100, as the Contracting Authority for the public contract titled

"IT4I Complementary Systems II"

hereby invites the Economic Operator

to participate in the preliminary market consultation.

1. General information

The Contracting Authority, pursuant to Section 33 of the PPA, announces that it shall conduct preliminary market consultations (hereinafter referred to as "PMC") regarding the procurement of a highly specialized computing system – Complementary System II. The objectives are to inform the Economic Operator about the Contracting Authority's needs, and to gather the Economic operator inputs, feedback, and information regarding the computing system in order to lay down the award criteria. The Contracting Authority invites the Economic Operator to participate in the PMC.

In order to gather relevant information about the subject matter of the upcoming public contract, and to prevent the award criteria from being determined in a manner which is discriminatory, inadequate, or non-standard on a given market, the Contracting Authority plans to use the PMC to achieve the following:

- validation of the public contract award criteria with respect to the needs of the Contracting Authority and the market opportunities,
- identification of possible alternative ways of meeting the needs of the Contracting Authority, and
- enhancement of the Contracting Authority's awareness of the subject matter of the public contract and the latest market opportunities and potential specific criteria of performance when viewed by the Economic Operators.

The Contracting Authority has set up a preliminary set of requirements regarding the intended Complementary System II and aims to find an optimal way fulfil the needs. Information about the subject matter of the public contract performance can be found in **Annex 1** of this invitation.

Beyond the requirements set out in **Annex 1** the Contracting Authority provides with further information relating to the subject matter of the subsequent public contract.

The estimated value of the procurement is CZK 8,672,191.00 excl. VAT.

The Contracting Authority shall request a proof of:

- the basic qualification pursuant to Section 74 PPA
- the professional qualification pursuant to Section 77 PPA
- the technical qualification pursuant to Section 79 PPA

Technical qualification criteria will be set as a list of significant supplies provided by the Economic Operator. The extent of the significant contract shall be similar to the subject matter of the subsequent public contract.

2. Expected timeframe

| | |
|---------------------------------|---------|
| Preliminary market consultation | 03/2022 |
| Public procurement procedure | 06/2022 |
| Contract award | 10/2022 |
| Delivery and acceptance | 04/2023 |

3. Legal framework

The PMC, as well as the subsequent public procurement, will be carried out by the Contracting Authority under the Czech legal framework according to The PPA. The PPA is attached as **Annex 2**.

Furthermore, the Contracting Authority informs the Economic Operator that the subject matter of the

public contract shall be procured within the project: “e-INFRA CZ: Modernization” (project no. CZ.02.1.01/0.0/0.0/18_072/0015659) within the Operational Programme Research, Development, and Education

4. Preliminary market consultation conduct

The PMC will be carried out in the English language. The Contracting Authority reserves the right to use another language of the proceedings in the PMC, in particular the Czech language.

Where the final procurement documents contain information that has resulted from the PMC, pursuant to Section 36 Subsection 4 of the PPA, the Contracting Authority will mark such information in the procurement documents, identify the persons who have taken part in the PMC, and provide all essential information that was the subject of the PMC. In the context of the below-mentioned requirements for the Complementary System II design and of the mentioned provision of Section 36 Subsection 4 of the PPA, the Contracting Authority shall give notice that the procurement documents shall include only such information that shall be clearly substantiated and justified by the Contracting Authority.

4.1 Complementary System II design

The Contracting Authority requires the Economic Operator to submit their response to this invitation by **10th March 2021** via e-mail to the following address: Superpocitact4l@vsb.cz.

The response shall contain a technical solution design for the public contract subject matter, based on the information contained in **Annex 1** of this invitation. Be sure to provide at least following information and data in your Complementary System II design:

1. Draft of the technical solution and equipment; the contracting authority is interested in various options of the solution and is open to discussion and alternative supplier proposals.
2. Availability of the proposed equipment; expected date of acceptance of the delivery is Q4 2021.
3. Draft of the standard warranty conditions; the contracting authority does not expect above-standard SLA conditions for this procurement. We prefer 3 years warranty time.
4. Comments on feasibility of the Complementary system design, suggestions for improvements or changes.
5. Estimated performance price, including price breakdown into cost of individual components and subcomponents.

The information on the technical solution and pricing referred to point No. 1 and No. 5 shall be structured according to logical components as mentioned in Annex 1:

- Compute partition 1 (ARM + Nvidia GPU + DPU)
- Compute partition 2 (Power10)
- Compute partition 3 (high L3 cache processor + DPU)
- Compute partition 4 (virtual GPU accelerated workstations)
- Compute partition 5 (Intel + Agilex FPGA + Intel Sapphire Rapids + Intel Xe GPU)
- PDUs with outlet level power monitoring capabilities
- High speed interconnections
- Network infrastructure - LAN

- Software equipment

Integration into data center Only those Economic Operators who submit their response within the required period and to an adequate extent will be included in the PMC.

Within the required period for submission of the Complementary System II design, Economic Operators are allowed to submit e-mail inquiries about the technical requirements specified in Annex 1 of this invitation, or about other terms and conditions included in this invitation. The Contracting Authority shall answer these inquiries via e-mail. All inquiries along with answers will be published on the Contracting Authority's profile website.

4.2 Further conduct of the preliminary market consultation

Based on the received responses, the Contracting Authority shall carry out re-evaluation of the technical requirements and modify Annex 1 accordingly. The modified Annex 1 of the PMC will be provided to the participants, along with an invitation to amend the Complementary System II designs and/or provide further inputs. This procedure may be repeated up to the point where the Contracting authority achieves the goals laid down in Section 1.

The Contracting Authority reserves the right to conduct the PMC via written electronic communication means (e.g., Contracting Authority's profile, e-mail, REDMINE communication system), teleconference, or by means of personal negotiations with individual Economic Operators.

Not only minutes but also audio-visual or sound recordings shall be taken from all personal as well as teleconference discussions. Prior the commencement of each negotiation, the Contracting Authority shall seek the consent of the Economic Operator to take such a recording.

prof. RNDr. Václav Snášel, CSc.
Rector

Annexes:

Annex 1 – Technical requirements specification for IT4I complementary systems II

Annex 2 – Act no. 134/2016 Coll., on Public Procurement