



Above-threshold public contract for supplies

"EURO_IT4I Supercomputer"

Contracting Authority:

VŠB – 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 SECOND ROUND OF THE PRELIMINARY MARKET CONSULTATION

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

VŠB – 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

"EURO_IT4I Supercomputer"

with regards to the section 2. of the invitation published on July 1st 2019 hereby invites the Economic Operator who submitted their proposal for the petascale system EURO_IT4I

to participate in the 2nd round of the preliminary market consultation. The Contracting Authority provides an updated requirement specification.

Petascale supercomputer design

Based on the received proposals, the Contracting Authority provides the modified Annex 1 and Annex 2 of the invitation.

The updated Petascale supercomputer proposal shall contain a technical solution design for the public contract subject matter, based on the information contained in **Annex 1** of this invitation. The proposal of the design of the Petascale supercomputer, structured according to **Annex 2**, shall contain at least:

- The design of the Petascale supercomputer technical solution, in particular compute partitions, high speed compute network, data storages, non-compute nodes, networks, power and cooling equipment as well as a software solution.
- Indicative parameters of the designed solution – in particular the performance and capacity parameters of the solution, and power consumption.
- A description of the supercomputer cooling system.
- A description of the functionality and properties of the designed solution.
- A description of the reliability and availability of the designed solution.
- The estimated time availability of the proposed technologies.
- Comments, ideas and propositions regarding the information contained in Annex1, possibly including an introduction of an alternative design along with justification of the difference with respect to Annex 1.
- A proposal for warranty and maintenance services.
- Estimated financial costs associated with procuring the proposed Petascale supercomputer.

The proposal can be an update of the previous one with highlighted changes, but forming a clear well-structured and understandable document. It is necessary to address all the required technological, functional and logical parts as well as required performance and capacity parameters to be able to further participate in the consultation.

The Contracting Authority appreciates that suppliers offer different variants of the solution of individual components of the system. In this case, please provide us an estimated financial costs associated with all the provided variants.

The Contracting Authority requires the Economic Operator to submit their Petascale supercomputer proposal by **30th September 2019** via e-mail to the following address: Superpocitactl4l@vsb.cz.

In Ostrava

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VŠB – Technical University of Ostrava
prof. RNDr. Václav Snášel, CSc.

Annexes:

Annex 1 – Technical requirements specification for EURO_IT4I system

Annex 2 – EURO_IT4I Supercomputer Proposal