

115979-2026 - Kompetizzjoni

Il-Finlandja – Magni għall-ipproċessar tad-dejta (hardwer) – LUMI-IQ Quantum Computing Platform

OJ S 34/2026 18/02/2026

Avviż tal-kuntratt jew tal-konċessjoni – reġim standard

Provvisti

1. Xerrej

1.1. Xerrej

Isem uffiċjali: CSC - IT Center for Science Ltd

Email: kirjaamo@csc.fi

Tip legali tax-xerrej: Korp irregolat bil-liġi pubblika, ikkontrollat minn awtorità tal-gvern ċentrali

Attività tal-awtorità kontraenti: Servizzi publiċi ġenerali

2. Proċedura

2.1. Proċedura

Titlu: LUMI-IQ Quantum Computing Platform

Deskrizzjoni: The LUMI-IQ quantum computing platform will include an initial installation of an on-premises gate-based quantum computing system, followed by series of upgrades installed in multiple phases, which the chosen Tenderer will commit to. The nature of upgrades can tentatively be hardware and/or software, and these will be specified in more detail in the second phase of the procurement. The upgrades are meant to keep the system viable during its lifetime and they will have to positively impact the performance of the platform and/or add novel features. The planned platform and upgrades should represent as performant technology as possible, based on up-to-date hardware and/or software components, available for the chosen quantum computing architecture at the time of delivery. The initial systems should provide at least 50 physical qubits, supporting at least the Qiskit open-source SDK. Hardware native gates must form universal gate set. The members of the LUMI-IQ consortium are CSC - IT CENTER FOR SCIENCE LTD, Finland, (Coordinator), VSB - TECHNICAL UNIVERSITY OF OSTRAVA Czechia, (IT4I) (Partner), SIGMA2 AS, Norway (Partner) and ACADEMY GORNICZO-HUTNICZA IM. STANISLAWA STASZ, Poland (Partner). The LUMI-IQ Quantum Computing Platform setup will be procured by the LUMI-IQ consortium lead by CSC and owned by the LUMI-IQ consortium members in proportion to their financial contribution to the purchase of the Quantum Computer. The estimate value of the procurement (excluding taxes) is EUR 25,000,000 - 33,000,000, including turnkey solution quantum computer platform/systems and software upgrades.

Identifikatur tal-proċedura: e05630da-b07a-40a6-aa92-4433413ac95b

Identifikatur intern: 579759

Tip ta' proċedura: Innegożjta bil-pubblikazzjoni minn qabel ta' sejha għall-kompetizzjoni/għall-kompetizzjoni bin-negożjar

Il-proċedura hija aċċellerata: le

Elementi prinċipali tal-proċedura: The procurement will be conducted using negotiated procedure. The procurement is carried out in accordance with Act on Public Procurement in the Fields of Defence and Security (1531/2011) as it contains confidential information. The call for tenders will contain confidential information regarding security of supply and information security. Negotiated procedure consists of two (2) phases. In the first phase, Candidates will

submit their Requests to Participate. Up to three (3) Candidates that meet the eligibility requirements will be accepted to the next phase. In the second phase, chosen Candidates (now Tenderers) will be sent preliminary call for tenders. One (1) negotiation round will be held with each of the chosen Tenderers, with CSC reserving the right hold additional negotiation rounds. Finally, the final call for tenders will be sent to the Tenderers. No compensation will be paid to companies for preparing an application to participate, a preliminary tender, a final tender or for presenting or taking part in the negotiations. Please see Grounds for Rejection for further information regarding Candidate selection. As a result of this procurement process, CSC will award the procurement contract to one (1) Tenderer. CSC may suspend the procurement procedure, in full or in part, for a real and legitimate reason (section 75 of the Act on Public Procurement in the Fields of Defence and Security).

2.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 30210000 Magni għall-ipproċessar tad-dejta (ħardwer)

Klassifikazzjoni addizzjonali (cpv): 72000000 Servizzi ta' IT: konsulenza, żvilupp ta' softwer, Internet u appoġġ, 73000000 Servizzi ta' riċerka u żvilupp u servizzi relatati mal-konsulenza

2.1.2. Post tal-prestazzjoni

Sottodivizjoni tal-pajjiż (NUTS): Kainuu (FI1D8)

Pajjiż: Il-Finlandja

2.1.4. Informazzjoni ġenerali

Baži legali:

Direttiva 2009/81/KE

2.1.6. Raġunijiet għall-eskluzjoni

Sors tal-motivi għall-eżklussjoni: Dokument tal-Akkwist

5. Lott

5.1. Lott: LOT-0000

Titlu: LUMI-IQ Quantum Computing Platform

Deskrizzjoni: The LUMI-IQ quantum computing platform will include an initial installation of an on-premises gate-based quantum computing system, followed by series of upgrades installed in multiple phases, which the chosen Tenderer will commit to. The nature of upgrades can tentatively be hardware and/or software, and these will be specified in more detail in the second phase of the procurement. The upgrades are meant to keep the system viable during its lifetime and they will have to positively impact the performance of the platform and/or add novel features. The planned platform and upgrades should represent as performant technology as possible, based on up-to-date hardware and/or software components, available for the chosen quantum computing architecture at the time of delivery. The initial systems should provide at least 50 physical qubits, supporting at least the Qiskit open-source SDK. Hardware native gates must form universal gate set. The members of the LUMI-IQ consortium are CSC - IT CENTER FOR SCIENCE LTD, Finland, (Coordinator), VSB - TECHNICAL UNIVERSITY OF OSTRAVA Czechia, (IT4I) (Partner), SIGMA2 AS, Norway (Partner) and ACADEMY GORNICZO-HUTNICZA IM. STANISŁAWA STASZ, Poland (Partner). The LUMI-IQ Quantum Computing Platform setup will be procured by the LUMI-IQ consortium lead by CSC and owned by the LUMI-IQ consortium members in proportion to their financial

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Identifikatur intern: 579759

5.1.1. Għan

Natura tal-kuntratt: Provvisti

Klassifikazzjoni prinċipali (cpv): 30210000 Magni għall-ipproċessar tad-dejta (hardwer)

Klassifikazzjoni addizzjonali (cpv): 72000000 Servizzi ta' IT: konsulenza, żvilupp ta' softwer, Internet u appoġġ, 73000000 Servizzi ta' riċerka u żvilupp u servizzi relatati mal-konsulenza

5.1.2. Post tal-prestazzjoni

Sottodivizjoni tal-pajjiż (NUTS): Kainuu (FI1D8)

Pajjiż: Il-Finlandja

5.1.3. Tul ta' żmien stmat

Tul ta' żmien ieħor: Mhux magħruf

5.1.4. Tiġdid

Numru massimu ta' tiġdid: 0

5.1.6. Informazzjoni ġenerali

Parteċipazzjoni riżervata:

Il-parteċipazzjoni mhijiex riżervata.

Proġett ta' akkwist iffinanzjat kompletament jew parzjalment mill-Fondi tal-UE

Dan l-akkwist huwa adattat ukoll għall-intrapriżi żgħira u ta' daqs medju (SMEs): iva

5.1.7. Akkwist strateġiku

Għan soċjali promoss: Kundizzjonijiet tax-xogħol ġusti

5.1.9. Kriterji tal-għażla

Sors tal-kriterji ta' għażla: Dokument tal-Akkwist

Informazzjoni dwar it-tieni stadju ta' proċedura b'żewġ stadji:

Numru massimu ta' kandidati li għandhom jiġu mistiedna għat-tieni stadju tal-proċedura: 3

5.1.10. Kriterji tal-għoti

Kriterju:

Tip: Kwalità

Isem: Laatu

Deskrizzjoni: Laatu

5.1.11. Dokumenti tal-akkwist

Skadenza biex tintalab informazzjoni addizzjonali: 25/02/2026 14:00:00 (UTC+00:00) Hin tal-Ewropa tal-Punent, GMT

Indirizz tad-dokumenti tal-akkwist: <https://tarjouspalvelu.fi/csc?id=579759&tpk=7be9ecc9-0942-4236-a98e-ece6a3de7e84>

5.1.12. Termini tal-akkwist

Termini tas-sottomissjoni:

Indikazzjoni obligatorja tas-sottokuntrattar: Is-sehem tal-kuntratt li l-offerent bihsiebu jissottokuntratta

Sottomissjoni elettronika: Meħtieġa

Indirizz għas-sottomissjoni: <https://tarjouspalvelu.fi/csc?id=579759&tpk=7be9ecc9-0942-4236-a98e-ece6a3de7e84>

Lingwi li bihom jistgħu jiġu sottomessi offerti jew talbiet għall-partecipazzjoni: Inqliż
L-offerenti jistgħu jifgħu aktar minn offerta waħda: Mhux permessa
Skadenza biex jintlaqgħu t-talbiet għall-partecipazzjoni: 19/03/2026 14:00:00 (UTC+00:00) Fin
tal-Ewropa tal-Punent, GMT

Termini tal-kuntratt:

L-eżekuzzjoni tal-kuntratt għandha titwettaq fil-qafas ta' programmi ta' impjegi protetti: Le
Kundizzjonijiet relatati mat-twettiq tal-kuntratt: Tarjouspyynnön ja tarjouksen perusteella
Hu meħtieġ ftehim ta' kunfidenzjalità: iva

Arrangament finanzjarju: Konsortio, maksu sopimuksen mukaisesti

Sottokuntrattar:

Il-kuntrattur irid jindika kwalunkwe bidla ta' sottokuntratturi matul it-twettiq tal-kuntratt.

5.1.15. Tekniki

Ftehim qafas:

Ebda ftehim ta' qafas

Informazzjoni dwar is-sistema dinamika tax-xiri:

Ebda sistema dinamika ta' xiri

5.1.16. Aktar informazzjoni, medjazzjoni u rieżami

Organizzazzjoni tar-rieżami: Markkinaoikeus

Informazzjoni dwar l-iskadenzi tar-rieżami: Aikaisintaan 21 päivän kuluttua siitä, kun ehdokas
tai tarjoaja on saanut tai hänen katsotaan saaneen päätöksen ja valitusosoituksen tiedoksi

8. Organizzazzjonijiet

8.1. ORG-0001

Isem uffiċjali: CSC - IT Center for Science Ltd

Numru tar-registrazzjoni: 0920632-0

Indirizz postali: P.O.Box 405 (Keilaranta 14)

Belt: Espoo

Kodiċi postali: 02101

Sottodivizjoni tal-pajjiż (NUTS): Helsinki-Uusimaa (FI1B1)

Pajjiż: Il-Finlandja

Punt ta' kuntatt: kirjaamo@csc.fi

Email: kirjaamo@csc.fi

Telefown: +358 94572001

Indirizz tal-internet: <https://www.csc.fi/>

Rwoli ta' din l-organizzazzjoni:

Xerrej

8.1. ORG-0002

Isem uffiċjali: Markkinaoikeus

Numru tar-registrazzjoni: 3006157-6

Indirizz postali: Radanrakentajantie 5

Belt: Helsinki

Kodiċi postali: 00520

Sottodivizjoni tal-pajjiż (NUTS): Helsinki-Uusimaa (FI1B1)

Pajjiż: Il-Finlandja

Email: markkinaoikeus@oikeus.fi

Telefown: +358 295643300

Indirizz tal-internet: <http://www.oikeus.fi/markkinaoikeus>

Rwoli ta' din l-organizzazzjoni:

Organizzazzjoni tar-rieżami

8.1. ORG-0003

Isem uffiċjali: Hansel Oy (Hilma)

Numru tar-registrazzjoni: FI09880841

Indirizz postali: Mannerheiminaukio 1a

Belt: Helsinki

Kodiċi postali: 00100

Sottodivizjoni tal-pajjiż (NUTS): Helsinki-Uusimaa (FI1B1)

Pajjiż: Il-Finlandja

Punt ta' kuntatt: eSender

Email: tekninen@hankintailmoitukset.fi

Telefown: 029 55 636 30

Indirizz tal-internet: <http://hankintailmoitukset.fi>

Rwoli ta' din l-organizzazzjoni:

TED eSender

Informazzjoni dwar l-avviż

Identifikatur/verżjoni tal-avviż: fb0980ab-3ae9-42e1-abd6-5333676f97bf - 01

Tip ta' formola: Kompetizzjoni

Tip ta' avviż: Avviż tal-kuntratt jew tal-konċessjoni – reġim standard

Sottotip tal-avviż: 18

Data ta' meta ntbagħat l-avviż: 17/02/2026 10:13:57 (UTC+00:00) Hin tal-Ewropa tal-Punent, GMT

Data tad-dispaċċ tal-avviż (eSender): 17/02/2026 10:14:10 (UTC+00:00) Hin tal-Ewropa tal-Punent, GMT

Lingwi li bihom dan l-avviż huwa disponibbli uffiċjalment: Ingliz

Numru tal-pubblikazzjoni tal-avviż: 115979-2026

Numru tal-ħarġa tal-ĠU S: 34/2026

Data tal-pubblikazzjoni: 18/02/2026