

Germany-Erlangen: Research and experimental development services
OJ S 53/2023 15/03/2023
Contract award notice
Services

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Fraunhofer-Gesellschaft e.V.

Postal address: Am Wolfsmantel 33

Town: Erlangen

NUTS code: DE252 Erlangen, Kreisfreie Stadt

Postal code: 91058

Country: Germany

E-mail: einkauf@iis.fraunhofer.de

Telephone: +49 91317762230

Fax: +49 91317762249

Internet address(es):

Main address: <https://vergabe.fraunhofer.de/NetServer/>

I.4. Type of the contracting authority

Body governed by public law

I.5. Main activity

General public services

Section II: Object

II.1. Scope of the procurement

II.1.1. Title

Awarding of contracts for STXMOD chip design and development services

Reference number: PR311223

II.1.2. Main CPV code

73100000 Research and experimental development services

II.1.3. Type of contract

Services

II.1.4. Short description

The division Smart Sensing and Electronics (SSE) of Fraunhofer IIS is currently looking for contractors who can provide services as digital functional verification and digital IC-design backend experts as part of the "STXMOD" project. In STXMOD the next generation of high performance computing accelerators will be developed as a System on Chip in 12 nm silicon technology.

II.1.6.

Information about lots

This contract is divided into lots: yes

II.1.7. Total value of the procurement

Value excluding VAT: 388 375,68 EUR

II.2. Description

II.2.1. Title

B.1_Lot1_STXMOD_Digital_functional_verification

Lot No: 1

II.2.2. Additional CPV code(s)

73100000 Research and experimental development services

II.2.3. Place of performance

NUTS code: DE252 Erlangen, Kreisfreie Stadt

Main site or place of performance: listed in the tender documents

II.2.4. Description of the procurement

Within the STXMOD project a high performance computing application class specific accelerator chip for very complex multi-dimensional stencil and tensor calculations will be developed in 12 nm FinFET silicon technology. To assure the correct functionality digital functional verification on block level and over the hierarchy up to system on chip top level has to be performed. The use of Universal Verification Methodology UVM and sufficient test case and result documentation is mandatory. Therefore, one meeting per quarter shall be performed at the Fraunhofer Institute for Integrated Circuits in Erlangen-Tennenlohe. Furthermore, flexibility of working hours is required in order to be able to react promptly to urgent adjustments.

II.2.5. Award criteria

Quality criterion - Name: Presence of professional knowledge / Weighting: 45

Quality criterion - Name: Evaluation of comparative projects / Weighting: 20

Price - Weighting: 35

II.2.11. Information about options

Options: no

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:

no

II.2.14. Additional information

II.2. Description

II.2.1. Title

B.2_Lot2_STXMOD_Digital_backend_design

Lot No: 2

II.2.2. Additional CPV code(s)

73100000 Research and experimental development services

II.2.3. Place of performance

NUTS code: DE252 Erlangen, Kreisfreie Stadt

Main site or place of performance: listed in the tender documents

II.2.4. Description of the procurement

Within the STXMOD project a high performance computing application class specific accelerator chip for very complex multi-dimensional stencil and tensor calculations will be developed in 12 nm FinFET silicon technology. For the chip implementation a digital backend design expert is requested to execute floorplanning, timing and power analysis, power routing, top level and hierarchical block level place&route and layout verification. Therefore, one meeting per quarter shall be performed at the Fraunhofer Institute for Integrated Circuits in Erlangen-Tennenlohe. Furthermore, flexibility of working hours is required in order to be able to react promptly to urgent adjustments.

II.2.5. Award criteria

Quality criterion - Name: Presence of professional knowledge / Weighting: 45

Quality criterion - Name: Evaluation of comparative projects / Weighting: 20

Price - Weighting: 35

II.2.11. Information about options

Options: no

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:
no

II.2.14. Additional information

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.8. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

IV.2. Administrative information

IV.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2023/S 020-055302](#)

IV.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Lot No: 1

Title:

B.1_Lot1_STXMOD_Digital_functional_verification

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

01/03/2023

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor

Official name: WA Consultants Limited

Town: Exeter

NUTS code: UK United Kingdom

Postal code: EX25BA

Country: United Kingdom

The contractor is an SME: no

V.2.4. Information on value of the contract/lot

Total value of the contract/lot: 189 643,84 EUR

V.2.5. Information about subcontracting

Section V: Award of contract

Lot No: 2

Title:

B.2_Lot2_STXMOD_Digital_backend_design

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

01/03/2023

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: no

V.2.3. Name and address of the contractor

Official name: WA Consultants Limited

Town: Exeter

NUTS code: UK United Kingdom

Postal code: EX25BA
Country: United Kingdom
The contractor is an SME: no

V.2.4. Information on value of the contract/lot

Total value of the contract/lot: 198 731,84 EUR

V.2.5. Information about subcontracting

Section VI: Complementary information

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: Die Vergabekammern des Bundes
Postal address: Villemombler Straße 76
Town: Bonn
Postal code: 53123
Country: Germany
E-mail: vk@bundeskartellamt.bund.de
Telephone: +49 22894990
Fax: +49 2289499163

VI.4.3. Review procedure

Precise information on deadline(s) for review procedures:

- (1) Pursuant to Section 160 (3) No. 1 of the ARC, the candidate/bidder must give notice of any infringements of the contract within 10 days of becoming aware of them.
- (2) Pursuant to Section 160 (3) No. 2 of the ARC, violations of procurement regulations which are identifiable on the basis of the notice shall be notified to the contracting authority no later than the expiry of the period for submission of applications or bids specified in the notice.
- (3) Pursuant to Section 160 (3) No. 3 of the ARC, violations of procurement regulations which are only apparent in the award documents must be notified to the contracting authority no later than the expiry of the deadline for submitting applications or bids.
- (4) Pursuant to Section 160 (3) No. 4 of the ARC, an application for review of a contract award must be filed with the Public Procurement Tribunal within 15 calendar days of the contracting authority's notification that it does not intend to remedy a complaint.

VI.5. Date of dispatch of this notice

10/03/2023