

Norway-Trondheim: Software programming and consultancy services

OJ S 215/2022 08/11/2022

Contract notice**Services****Legal Basis:**

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Arbeidstilsynet

National registration number: 974 761 211

Postal address: Statens hus

Town: Trondheim

NUTS code: NO Norge

Postal code: 7468

Country: Norway

Contact person: Trond Erlend Rotabakk

E-mail: trond.erlend.rotabakk@arbeidstilsynet.no

Telephone: +47 90365860

Internet address(es):Main address: <http://www.arbeidstilsynet.no>Address of the buyer profile: <https://kgv.doffin.no/ctm/Company/CompanyInformation/Index/1003>**I.3. Communication**The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://anskaffelsesportal.arbeidstilsynet.no/>

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically via:

<https://anskaffelsesportal.arbeidstilsynet.no>

Tenders or requests to participate must be submitted to the abovementioned address

I.4. Type of the contracting authority

Ministry or any other national or federal authority, including their regional or local subdivisions

I.5. Main activity

General public services

Section II: Object

II.1. Scope of the procurement**II.1.1. Title**

Procurement of software development services

Reference number: 2022/49852

II.1.2. Main CPV code

72200000 Software programming and consultancy services

II.1.3. Type of contract

Services

II.1.4. Short description

Arbeidstilsynet [the Norwegian Labour Inspection Authority manages and develops internal professional applications that support the Norwegian Labour Inspection Authority's work processes. As the administration and development need is greater than what the Norwegian Labour Inspection Authority's own employees can carry out, and there can be a need for expertise, the contracting authority must have assistance with this work through service procurements.

The contracting authority would like to enter into eight separate framework agreements, each with one to three tenderers, so-called parallel framework agreements.

II.1.5. Estimated total value

Value excluding VAT: 160 000 000,00 NOK

II.1.6. Information about lots

This contract is divided into lots: yes

Tenders may be submitted for all lots

II.2. Description

II.2.1. Title

Framework agreement for the procurement of services for project management.

Lot No: 1

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The project work in the Norwegian Labour Inspection Authority follows Digdir's Project Guidelines with the accompanying documentation requirements and decision points. The role of project manager has the authority and responsibility to manage a project and deliver the necessary products within the frameworks and limitations that are defined by the project owner. The project manager's responsibility mainly consists of planning, delegating assignments to the rest of the project team, supervising activities and progress, and managing all aspects of the project. The project manager reports to the project owner on progress, deviations, and finances. In our IT development projects we aim for a flexible development methodology based on Scrum/Kanban, with a relative, small team and strong involvement from different parts of the organisation.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 30 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of architecture services.

Lot No: 2

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The architecture work in the Norwegian Labour Inspection Authority is organised through a general process that supports compliance with strategies, principles, and requirements for the Norwegian Labour Inspection Authority's services. The architecture function also has development and administration responsibilities for the steering documents within the architecture area.

The general architecture process sets the direction and focus for the architecture area through concept work, architecture design, visions, and road maps at portfolio level, as well as incorporating standards and architecture guidelines.

The service orientated architecture process is organised through projects, and defines and develops new services and further develops existing services. The work is undertaken by formulating technical systems in defined deliveries in projects. The focus for the work spans all the architecture layers: Business architecture, information architecture, application architecture, technology architect, and security architecture.

Responses to this part of the tender will apply for system architect and information architect.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 18 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of services for the administration and development of trade applications.

Lot No: 3

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

System development at the Norwegian Labour Inspection Authority contributes to developing and making new systems and applications that support the Norwegian Labour Inspection Authority's business areas and cover our users' needs. System development is done in both project and administration connections, where developers work in a team together with designers, testers, system administrators, and business owners. The teams use flexible processes based on Agile, Scrum, and Kanban. We largely focus on multidisciplinary cooperation via product teams and DevOps practice for continual improvement of our processes in order to achieve frequent deliveries of codes so as to give value to our users as quickly and efficiently as possible.

Our systems consist of both traditional systems and on-premises based on Microsoft technology, and systems made on the cloud platform AWS (Amazon Web Services) based on Serverless and event-driven architecture. We would mainly like developers who want to work on several parts of the technology stack depending on need, but we are also looking for persons with deeper knowledge within frontend or backend development. In addition we would like experience developers who can take on the role of Tech Lead, where the person will, to a greater degree, assist the team as a technical mentor and coordinate application design.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 96 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of services for computer warehouse development /BI.

Lot No: 4

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The computer warehouse work in the Norwegian Labour Inspection Authority will support the authority's need for analysis and reporting. The computer warehouse system follows Kimball's principles and is based on Microsoft technology.

The scope of the assistance concerns all or parts of the process for the computer warehouse, from need to obtaining requirements, data modelling, uploading data from source and transformation to star models, which form the basis for analysis and reports. The assistance can include further development of the system, including receiving and making data sources available, maintenance of existing systems, as well as the establishment of new systems for analysis and reports.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 12 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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**

Framework agreement for the procurement of machine learning services.

Lot No: 5

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The Norwegian Labour Inspection Authority is in a process of establishing a machine learning platform in Amazon Web Services (AWS) with the aim of supporting several services in the organisation. A developer within machine learning will focus on modular systems based on reusable components, a central data memory, and maintained services. The development follows established guidelines and with close cooperation with the business in order to ensure that the needs for a better decision basis are a more digitalised work process are met.

The assignments for a developer within machine learning will consist of, amongst other things, finding, obtaining, and making data available, developing and administering machine learning services, and communicating what possibilities data and machine learning give within the organisation.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 12 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of services for SharePoint and Microsoft Power Platform.

Lot No: 6

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The Norwegian Labour Inspection Authority has a newly developed intranet system based on SharePoint Online. This also includes a quality system for handling steering documents. The system has functions based on PowerAutomate that, amongst other things, sees to the approval and conversion of procedure documents.

We need a development resource for the further development and administration of our SharePoint system, who can assist when there is a need for further development of the system, troubleshooting, and corrections (2nd/3rd line), and assist with policies and rights management when required. Further development and administration of the search function could also be required.

There can also be a need for a consulting resource for further development and administration work for this system. This can either be offered as a senior development resource who has consulting competence, or as a separate resource.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 12 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of design services.
Lot No: 7

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The Norwegian Labour Inspection Authority needs different design roles for the different phases of a project. We would therefore like tenders for one or more of these roles. It is an advantage if a designer has competence within several of the roles.

Service designer

Service design in the Norwegian Labour Inspection Authority will contribute to the development of new or improved existing services through the use of design methodology. The service designer will have a general view of the innovation process, and will be able to contribute to solving complex tangles. The service designer must be able to plan and organise people, infrastructure, communication, and the physical components so that the whole has a higher value for both the service and our users.

Interaction designer

Interaction design in the Norwegian Labour Inspection Authority will contribute to raising the user experience for systems that are developed in the authority through uniform and efficient design, good content structure, and being easy to use. In the coming years we will have some of the trade systems on mobile devices, and need competence in the design of mobile solutions. The Norwegian Labour Inspection Authority has established a GUI design guide that the systems are built on.

The Norwegian Labour Inspection Authority uses service design and design methodology in order to describe users' needs and possibilities.

UX designer.

UX design in the Norwegian Labour Inspection Authority will contribute to the visual expression in our system being in line with our graphical profile and consisting of elements that are re-usable across systems. We use Figma as a tool for our design system and our drafts. The scope of the assistance can be connected to reviews and updates of the design system in Figma, and assistance with prototyping and interaction design in individual projects. It is a plus if the candidate also has graphical competence. Relevant systems include web applications for internet, intranet, and extra network, including systems built on .NET and SharePoint technology.

II.2.5.

Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 30 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option for a contract extension for 1 + 1 year.

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

Framework agreement for the procurement of services for Test
Lot No: 8

II.2.2. Additional CPV code(s)

72200000 Software programming and consultancy services

II.2.3. Place of performance

NUTS code: NO Norge

Main site or place of performance: Trondheim and Tromsø.

II.2.4. Description of the procurement

The Norwegian Labour Inspection Authority works for high quality in the systems we made, and testing is central throughout the entire development process. This happens through unit tests, integration tests, user interface tests, and end-to-end tests. We use both automatic and manual tests. Work is continually being undertaken to increase the amount of automation in the test processes.

The software tester will contribute to increase the quality in all links, prevent errors, and uncover shortcomings as early as possible. When planning development assignments and projects, the test will assist the business side by describing test scenarios and setting-up validation tests. Testing procured software can also be required, as well as testing integrations between different applications, which can be both self-developed and off-the-shelf products. The Norwegian Labour Inspection Authority mainly uses flexible development methods and software testers work in development teams. An understanding of testing in flexible development is central.

There can also be a need for a test manager with overall responsibility for testing deliveries. Assignments for a test manager include, in addition to the assignments for a software tester,

formulating test plans for validation tests, acceptance tests, regression tests, and preparing the test environment and test data. The coordination of test resources is also an important assignment for the test manager.

II.2.5. Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6. Estimated value

Value excluding VAT: 30 000 000,00 NOK

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 24

This contract is subject to renewal: no

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Trondheim and Tromsø.

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 III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions:

See the tender documentation.

III.1.2. Economic and financial standing

List and brief description of selection criteria:

See the tender documentation.

Minimum level(s) of standards possibly required:

See the tender documentation.

III.1.3. Technical and professional ability

List and brief description of selection criteria:

See the tender documentation.

Minimum level(s) of standards possibly required:

See the tender documentation.

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

The procurement involves the establishment of a framework agreement

Framework agreement with several operators Envisaged maximum number of participants to the framework agreement: 18

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

The procurement is covered by the Government Procurement Agreement: yes

IV.2. Administrative information

IV.2.2. Time limit for receipt of tenders or requests to participate

Date: 09/12/2022 Local time: 12:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted

Norwegian

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7. Conditions for opening of tenders

Date: 09/12/2022 Local time: 12:30

Place:

Electronically, Trondheim

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3. Additional information

VI.4. Procedures for review

VI.4.1. Review body

Official name: Sør-Trøndelag tingrett

Town: Trondheim

Country: Norway

VI.4.2. Body responsible for mediation procedures

Official name: Klagenemnda for offentlige anskaffelser

Town: Bergen

Country: Norway

VI.5.

Date of dispatch of this notice

03/11/2022