
Norway-Trondheim: Oscilloscopes
2023/S 194-605716

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1) **Name and addresses**

Official name: NTNU

National registration number: 974 767 880

Postal address: Postboks 8900, Torgarden

Town: Trondheim

NUTS code: NO060 Trøndelag

Postal code: 7491

Country: Norway

Contact person: Cato Giske

E-mail:

Internet address(es):

Main address:

I.3) **Communication**

The procurement documents are available for unrestricted and full direct access,

Additional information can be obtained from the abovementioned address

Tenders or requests to participate must be submitted electronically

I.4) **Type of the contracting authority**

National or federal agency/office

I.5) **Main activity**

Education

Section II: Object

II.1) **Scope of the procurement**

II.1.1) **Title:**

Advanced oscilloscope and arbitrary waveform generator for RF applications

Reference number: ANSK-0482-23

II.1.2) **Main CPV code**

38342000 Oscilloscopes

II.1.3) **Type of contract**

Supplies

II.1.4) **Short description:**

The procurement of an advanced oscilloscope as well as an arbitrary wave generator for measuring and characterise radio modules and systems. High-frequency electronics (RF circuits) are an essential part of the current modern wireless and/or mobile systems. The procured equipment will make us better equipped to develop and carrying out research on the future RF circuits

II.1.5) **Estimated total value**

Value excluding VAT: 2 400 000.00 NOK

II.1.6) **Information about lots**

This contract is divided into lots: yes

Tenders may be submitted for all lots

Maximum number of lots that may be awarded to one tenderer: 2

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

The tenderer may submit tenders for one or both lots.

II.2) **Description**

II.2.1) **Title:**

Oscilloscope

Lot No: 1

II.2.2) **Additional CPV code(s)**

38900000 Miscellaneous evaluation or testing instruments

38970000 Research, testing and scientific technical simulator

II.2.3) **Place of performance**

NUTS code: NO060 Trøndelag

Main site or place of performance:

NTNU Trondheim

II.2.4) **Description of the procurement:**

The procurement of an advanced oscilloscope as well as an arbitrary wave generator for measuring and characterise radio modules and systems. High-frequency electronics (RF circuits) are an essential part of the current modern wireless and/or mobile systems. The procured equipment will make us better equipped to develop and carrying out research on the future RF circuits

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: 1 300 000.00 NOK

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

Duration in months: 60

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:

The extended guarantee period is four (4) years after the guarantee period.

Options for five (5) years service.

additional memory depth.

Internal ARB functionality

I/Q decoding software.

Passive probes.

Active probes.

Digital/logic probes/interface.

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:**

Arbitrary wave generator

Lot No: 2

II.2.2) **Additional CPV code(s)**

38900000 Miscellaneous evaluation or testing instruments

38970000 Research, testing and scientific technical simulator

II.2.3) **Place of performance**

NUTS code: NO060 Trøndelag

Main site or place of performance:

NTNU Trondheim

II.2.4) **Description of the procurement:**

The procurement of an advanced oscilloscope as well as an arbitrary wave generator for measuring and characterise radio modules and systems. High-frequency electronics (RF circuits) are an essential part of the current modern wireless and/or mobile systems. The procured equipment will make us better equipped to develop and carrying out research on the future RF circuits

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: 1 100 000.00 NOK

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

Duration in months: 60

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:

The extended guarantee period is four (4) years after the guarantee period.

Options for five (5) years service.

Memory extension.

Sampling rate.

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:

Requirement: Tenderers must be registered in a company register, professional register or a trade register in the country where the tenderer is established.

Documentation Requirement: Norwegian tenderers: eBevis or a Company Registration Certificate/Foreign tenderers: Verification that the tenderer is registered in a company register, professional register or a trade register in the country where the tenderer is established.

III.1.2) Economic and financial standing

List and brief description of selection criteria:

Tenderers must document that they have sufficient economic and financial capacity to execute the contract.

If a tenderer has valid reasons for not being able to provide the documentation requested by the contracting authority, the tenderer can document his economic and financial capacity by presenting other documents considered suitable by the contracting authority.

Requirement: Tenderers must have good credit worthiness without a requirement for guarantee.

Documentation requirement: A credit rating based on the most recent financial figures. The rating must be carried out by a credit rating agency with a licence to provide such service.

III.1.3) Technical and professional ability

List and brief description of selection criteria:

Requirement: Tenderers must have experience from comparable assignments.

Documentation requirement: The tenderer's 3 most relevant assignments during the last 3 years, including their values, dates and recipients (names, telephone numbers and e-mail addresses).

III.2) Conditions related to the contract

III.2.2) Contract performance conditions:

NTNU's general contractual terms.

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: yes

IV.2) Administrative information

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

Date: 01/11/2023

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:**

English, Norwegian

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

Tender must be valid until: 30/01/2024

IV.2.7) **Conditions for opening of tenders**

Date: 01/11/2023

Local time: 12:01

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:**

MerCell notice:

VI.4) **Procedures for review**

VI.4.1) **Review body**

Official name: Sør-Trøndelag Tingrett

Town: Trondheim

Country: Norway

VI.5) **Date of dispatch of this notice:**

04/10/2023