

**Denmark-Kastrup: Computer storage units**  
**OJ S 51/2019 13/03/2019**  
**Contract notice**  
**Supplies**

**Legal Basis:**

Directive 2014/24/EU

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**Section I: Contracting authority**

**I.1. Name and addresses**

Official name: Nordunet A/S

National registration number: 17490346

Postal address: Kastruplundgade 22

Town: Kastrup

NUTS code: DK01 Hovedstaden

Postal code: 2770

Country: Denmark

Contact person: Jørgen Qvist

E-mail: [kh@tohv.dk](mailto:kh@tohv.dk)

**Internet address(es):**

Main address: <https://tender.konnect.dk/app/tender/entity/383>

Address of the buyer profile: <https://www.nordu.net>

**I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://tender.konnect.dk/app/tender/entity/383>

Additional information can be obtained from the abovementioned address

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

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

Other type: Body governed by public law

**I.5. Main activity**

Recreation, culture and religion

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**Section II: Object**

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

**II.1.1. Title**

Nordunet Storage Tender 2019

**II.1.2. Main CPV code**

30233100 Computer storage units

**II.1.3. Type of contract**

Supplies

**II.1.4. Short description**

The purpose of this procurement is to allow NORDUnet to purchase a flexible and scalable storage solution that will fulfil the storage needs for all NORDUnet services for at least the next 5 years.

#### **II.1.5. Estimated total value**

Value excluding VAT: 750 000,00 EUR

#### **II.1.6. Information about lots**

This contract is divided into lots: no

### **II.2. Description**

#### **II.2.3. Place of performance**

NUTS code: DK0 Danmark

#### **II.2.4. Description of the procurement**

NORDUnet is a joint collaboration by the 5 Nordic National Research and Education Networks in Denmark (DeIC), Finland (CSC Funet), Iceland (RHnet), Norway (UNINETT) and Sweden (SUNET) and operates a world class Nordic and International network and e-Infrastructure service for the Nordic research and educational community. NORDUnet is an integrated part of the Nordic research and higher education community in the Nordic's and do solely supply services to the research and higher education community.

NORDUnet operates a number of media services, used for hosting videos from conferences and for general educational usage. These services have recently had an enormous uptake, and the storage need is outgrowing NORDUnet's current media storage platform. The NORDUnet data centres are located in the Copenhagen area.

The current media storage platform is homegrown, and instead of expanding that and eventually run into unsolvable scalability issues, NORDUnet has decided to procure a new storage platform, which can be expanded both in space and performance on demand as needed.

Common for the media services are that they provide fine grained access control to the content, so no videos are served directly from storage to the end consumer, but always goes through a web service.

The video files cover a wide range of sizes, as both length and resolution vary greatly from very short clips to feature length recordings of lectures or talks and from low resolution for portable devices to 4K.

Videos are in principle expected to be kept forever, but as everywhere else, older content is expected to be accessed less frequently. With the exception of some content being highly seasonal, like videos used in lectures, which are expected to be viewed in limited periods same time each year but will eventually be outdated and go cold.

A secondary objective is to consolidate storage islands for non-video services and supplement the storage in NORDUnet's hyperconverged virtual machine infrastructure, where there is a need for large amounts of storage, at the expense of possibly losing some locality and IOPS.

The contract will include an initial purchase of a redundant storage system and at least 2 peta bytes of usable storage, including 5 years support.

There is option for additional upgrade of the storage capacity in steps of 1 or 2 peta bytes of usable storage.

The option can be executed one time per calendar year, with 3 months' notice anytime within the initial contract period.

#### **II.2.5. Award criteria**

Criteria below

Quality criterion - Name: Technical and Support / Weighting: 30

Price - Weighting: 70

#### **II.2.6. Estimated value**

Value excluding VAT: 750 000,00 EUR

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

Duration in months: 48

This contract is subject to renewal: no

#### **II.2.9. Information about the limits on the number of candidates to be invited**

Envisaged number of candidates: 4 Objective criteria for choosing the limited number of candidates:

Objective criteria for choosing the limited number of candidates:

Up to 4 qualified bidders that meet the ability and documentation requirements will be selected according to objective and professional criteria will be asked to submit an initial tender if 4 (four) qualified bids are received.

Where the above number of qualified bids is not met the customer will select the bidders who are qualified insofar as customer finds that the number of selected bidders safeguards a sufficiently competitive process.

The selection will be made based upon most relevant references in relation to the actual project based upon the required information and on the basis of selected criteria regarding technical and professional capabilities with reference to support and spares part management.

When assessing criteria, a significance is being ascribed to the following conditions:

- reference customer storage solution is used for streaming or other media services,
- reference customer storage solution is distributed over more than 2 sites,
- reference customer storage solutions is using more than 2 tiers of disk.

Note that where references terminated (the contractual engagement has been finalized) more than three (3) years from the expiry of the bidding deadline have been submitted, such references will not be taken into consideration. For references with a start date more than three (3) years from the expiry of the bidding deadline, it should furthermore be noted that customer will solely evaluate on the services (partial deliveries) under the reference which bidder has delivered within the past three (3) years from the expiry of the bidding deadline. In such cases bidder should specify the content of the reference for explicit overview of the services (partial deliveries) have been finalized and thus delivered within the past three (3) years.

#### **II.2.10. Information about variants**

Variants will be accepted: no

#### **II.2.11. Information about options**

Options: yes

Description of options:

There is option for additional upgrade of the storage capacity in steps of 1 or 2 peta bytes of usable storage.

The option can be executed one time per calendar year, with 3 months' notice anytime within the initial contract period.

#### **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

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#### 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:

The bidder must submit an ESPD electronically in TenderKONNECT, with the response, cf. Vol. 1, Section 2.1.1.

Subsequently the ESPD must be documented, cf. Vol. 1, Section 2.2.

##### III.1.3. Technical and professional ability

List and brief description of selection criteria:

List and brief description of selection criteria:

The bidder must provide three (3) references with comparable deliveries with similar solutions.

Comparable delivery with similar solutions": are hereby defined as a:

— delivery and implementation of redundant storage solutions with use of multitier disks, and multi-site redundancy,

— a solution is considered delivered and implemented when accepted by the customer.

Minimum level(s) of standards possibly required:

Minimum requirements: The bidder must submit three (3) references with "comparable deliveries with similar solutions" with following requirements:

— 2 peta byte of usable storage,

— 2 tier disks,

— 2 sites redundancy.

### Section IV: Procedure

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#### IV.1. Description

##### IV.1.1. Type of procedure

Competitive procedure with negotiation

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

##### IV.1.5. Information about negotiation

##### 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: 09/04/2019 Local time: 12:00

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

Date: 11/04/2019

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

Danish, English

#### **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)

### **Section VI: Complementary information**

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#### **VI.1. Information about recurrence**

This is a recurrent procurement: no

#### **VI.3. Additional information**

Bidders may ask clarification questions up to 5 calendar days before deadline for replies and these must be submitted in TenderKONNECT.

Prior to the bid response deadline the Bidder shall, upon request from customer, provide documentation according to the Public Procurement Act, Section 152, regarding the information that has been given in Appendix 1 — European Single Procurement Document (ESPD) during the pre-qualification.

Customer is entitled to, but not obliged to, request the bidder for completion or clarification of the received documents if this can take place in compliance with the Public Procurement Act, Section 151(4).

#### **VI.4. Procedures for review**

##### **VI.4.1. Review body**

Official name: Klagenævnet for Udbud

Postal address: Nævnenes Hus, Toldboden 2

Town: Viborg

Postal code: 8800

Country: Denmark

E-mail: [klfu@naevneneshus.dk](mailto:klfu@naevneneshus.dk)

Telephone: +45 72405708

Internet address: <https://erhvervsstyrelsen.dk/klagenaevnet-for-udbud>

##### **VI.4.3. Review procedure**

Precise information on deadline(s) for review procedures:

As a consequence of Danish Act No. 593 of 2.6.2016 on the enforcement of procurement rules, etc. there are following deadlines for lodging appeals in Denmark:

Complaints against the tender or the decision must be submitted to “Klagenævnet for Udbud” before:

45 days after the contracting entity has published a notice in the Official Journal stating that the contracting entity has entered into a contract. The period is calculated from the day following the day on which notice has been published;

At the latest at the same time as an appeal is sent to “Klagenævnet for Udbud”, the appellant shall in writing inform the contracting entity that the complaint will be sent to “Klagenævnet for Udbud”, and whether the complaint is filed during the standstill period referred to in § 3. If the appeal has not been lodged in the stand-still period, the appellant must also state whether it is requested that the appeal is granted delaying effect pursuant to § 12 (1).

##### **VI.4.4. Service from which information about the review procedure may be obtained**

Official name: Konkurrence- og Forbrugerstyrelsen

Postal address: Carl Jacobsens Vej 35

Town: Valby

Postal code: 2500

Country: Denmark  
E-mail: [kfst@kfst.dk](mailto:kfst@kfst.dk)  
Telephone: +45 41715000  
Internet address: <http://www.kfst.dk>

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

08/03/2019