

Norway-Oslo: Servers  
OJ S 128/2016 06/07/2016  
Contract notice  
Supplies

Directive 2004/18/EC

**Section I: Contracting authority**

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**I.1. Name and addresses**

Official name: Statistisk Sentralbyrå (Statistics Norway)  
Postal address: Akersveien 26  
Town: Oslo  
Postal code: 0033  
Country: Norway  
For the attention of: Birgitte Christensen  
E-mail: [ibc@ssb.no](mailto:ibc@ssb.no)  
Telephone: +47 90033136

**Internet address(es):**

Electronic access to information: <http://permalink.mercell.com/59821621.aspx>  
Electronic submission of tenders and requests to participate: <http://permalink.mercell.com/59821621.aspx>

**Additional information can be obtained from:**

Official name: Mercell Norge AS  
Postal address: Karihaugveien 89  
Town: Oslo  
Postal code: 1086  
Country: Norway  
E-mail: [support@mercell.com](mailto:support@mercell.com)  
Internet address: <http://permalink.mercell.com/59821621.aspx>

**Specifications and additional documents (including documents for competitive dialogue and a dynamic purchasing system) can be obtained from:**

Official name: Mercell Norge AS  
Postal address: Karihaugveien 89  
Town: Oslo  
Postal code: 1086  
Country: Norway  
E-mail: [support@mercell.com](mailto:support@mercell.com)  
Internet address: <http://permalink.mercell.com/59821621.aspx>

**Tenders or requests to participate must be submitted:** Official name: Mercell Norge AS

Postal address: Karihaugveien 89  
Town: Oslo  
Postal code: 1086  
Country: Norway  
E-mail: [support@mercell.com](mailto:support@mercell.com)  
Internet address: <http://permalink.mercell.com/59821621.aspx>

**I.2. Type of the contracting authority**

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

### **I.3. Main activity**

General public services

### **I.4. Contract award on behalf of other contracting authorities**

The contracting authority is purchasing on behalf of other contracting authorities: no

## **Section II: Object of the contract**

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### **II.1. Description**

#### **II.1.1. Title attributed to the contract by the contracting authority**

16/984 — Converged platform for Oracle 16/984.

#### **II.1.2. Type of contract and place of performance or delivery**

Supplies

Purchase

Main site or place of performance: Kongsvinger, Norway.

NUTS code NO011 Oslo,NO021 Hedmark

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

The procurement involves the establishment of a framework agreement

#### **II.1.4. Information about framework agreement**

Framework agreement with a single operator

##### **Duration of the framework agreement**

Duration in years: 2

#### **II.1.5. Short description of the contract or purchase(s)**

The intention of the procurement is to consolidate the Oracle platform in SSB and establish an operational environment with possibilities for almost interruption-free operation.

SSB has an Oracle infrastructure that is built up under several critical systems for data acquisition, audit, analysis and facilitation. Type applications are Oracle Forms, SAS analysis tool, Oracle Data Integrator(ETL), Java, CMS, etc.

The current licence contracts for Oracle Enterprise Edition database consist of a total of 1 200 NUP (named, internal users) for internal applications and 4 CPU licences for internet based applications — the latter is currently connected to an Oracle Database Appliance (ODA).

The hardware is starting to get old and there is an increasing risk that the hardware will break down.

At times there are problems with long running times for some of the existing applications, in particular where the user side with restricted sql competence sits on its data and generates 'full table scans' on large tables. A lot of time is therefore used to optimise applications so the the delivery to the final user shall be as quick as possible.

The testing and development environments are demanding to establish/update with new data and, in certain cases, there is not adequate testing data. The existing platform with physical servers combined with existing licence contracts and database location in different network zones, makes it difficult to establish new databases with large amounts of data. This gives challenges for troubleshooting, performance improvements and quality assurance of changes.

A system has already been established for some performance critical databases, with operation continuity between primary and secondary locations based on Oracle Data Guard, which is perceived to be the product that is best suited and the branch standard for ensuring operation continuity for Oracle databases.

The enquiry gives recommendations for a complete implementation of a converged platform

for Oracle databases being divided into 2 phases, both for the procurement and implementation.

The system shall, in phase 1 of the delivery, have a converged platform on a primary location, with a minimum of 48 TB storage capacity and with a minimum of 16 CPU-core processor capacity available for the databases. The existing databases are to be migrated to a new converged platform and upgraded to the latest version in this process. Redundancy shall be established for operation continuity in the form of standby databases on SSB's existing platform, by the use of Oracle Data Guard or equivalent.

If the converged system functions satisfactorily, in accordance with SSB's requirements in phase 1, an equivalent converged platform shall be procured and established for a secondary location in phase 2, with a minimum of 48 TB storage capacity and with a minimum of 16 CPU-core processor capacity available for the databases. The system for operation continuity will be moved in phase 2 from the old system to the new converged platform in a secondary location. Old servers and all use of the existing SAN (HP 3Par) for Oracle ASM shall be wound down in phase 2.

The licence model in the processor shall also be assessed to see if it is possible to find a cheaper licence, e.g. by converting from NUP to CPU licences. Any new licence model shall not have constraints as regards SSB's network model. Annex 3).

Based on observations and feedback, the 1<sup>st</sup> aim is to ensure that the production of statistics is as stable and fast as possible. The following shall be facilitated in the system proposal:

- Performance improvements on existing applications without a change of application code;
- Simplified and improved operation continuity;
- Simpler administration and management of the Oracle platform as a whole;
- Low risk when security updates and system maintenance of the platform are being carried out;
- Increased scalability as regards performance, data growth and new systems;
- Increased automation in the rolling-out process and quality assurance;
- Fast establishment and updating of the testing and development environment;
- Several technology options for testing/development (security, time and storage);
- Lower costs when expanding additional Oracle options/new software.

The delivery shall include:

- Detailed design of the system proposal based on SSB's requirements;
- All necessary hardware;
- Option for software in addition to what SSB currently has;
- Complete installation, including full configuration and integration with the existing infrastructure;
- Engineering design, design, installation, configuration, migration, testing, training and documentation;
- Establishment of standby databases with Oracle Data Guard or equivalent.

Documentation:

- Training by user courses;
- Consultancy services for licence optimisation of Oracle licences;
- Assistance on an hourly basis;
- Operational assistance and consultancy help throughout the contract period.

A detailed description of the proposal is in the the Procurement Contract and the Maintenance Contract's annex 1 (the requirement specifications, 2 documents).

The Contracting Authority uses Mercell Sourcing Service. To express your interest and gain access to any documents, please click on the link below or copy and paste the link into your browser. (<http://permalink.mercell.com/59821621.aspx>). Then follow the instructions on the website.

#### **II.1.6. CPV code(s)**

48820000 Servers, 30200000 Computer equipment and supplies, 30211300 Computer platforms, 30211400 Computer configurations, 30233100 Computer storage units, 30234000 Storage media, 32424000 Network infrastructure, 48610000 Database systems, 48620000 Operating systems, 48700000 Software package utilities, 48821000 Network servers, 72100000 Hardware consultancy services, 72220000 Systems and technical consultancy services, 72261000 Software support services, 72267100 Maintenance of information technology software, 72267200 Repair of information technology software, 72500000 Computer-related services, 72610000 Computer support services

#### **II.1.7. Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: yes

#### **II.1.8. Lots**

This contract is divided into lots: no

#### **II.1.9. Information about variants**

Variants will be accepted: no

### **II.2. Scope of the procurement**

#### **II.2.1. Total quantity or scope**

Estimated value excluding VAT:

Range: between 5 000 000 and 25 000 000 NOK

#### **II.2.2. Information about options**

Options: yes

Description of options: See the tender documentation.

#### **II.2.3. Information about renewals**

This contract is subject to renewal: yes

Number of possible renewals: Range: between 1 and 2

### **II.3. Duration of the contract or time limit for completion**

## **Section III: Legal, economic, financial and technical information**

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### **III.1. Conditions related to the contract**

#### **III.1.1. Deposits and guarantees required**

#### **III.1.2. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them**

#### **III.1.3. Legal form to be taken by the group of economic operators to whom the contract is to be awarded**

#### **III.1.4. Contract performance conditions**

The performance of the contract is subject to particular conditions: no

### **III.2. Conditions for participation**

#### **III.2.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions: K 01 The tenderer must have submitted tax statements and paid taxes, payroll taxes and VAT. Documentation: A tax and VAT certificate. The certificate shall not be more than 6 months from the deadline for receipt of tenders. Arrears or other irregularities must be justified. If the Tenderer plans to involve sub-providers, tax certificates must also be provided for them.

K 02 tenderer must be a legally established company. Requirement: Company Registration Certificate or equivalent from the tenderer's home country.

### **III.2.2. Economic and financial ability**

List and brief description of conditions: K 03 The tenderer shall have sufficient economic and financial solidity to be able to fulfil the contractual obligations. Documented by: A credit assessment from a certified credit institution/company. The credit assessment shall not be more than 6 months from the deadline for receipt of tenders. The credit assessment shall be a so-called rating and include a credit rating, part rating and historical rating. The credit score must not be lower than A (creditworthy) or equivalent if a different form of score is used (numbers). Tenders from service providers with a lower score than A or equivalent (i.e. not credit worthy or credit worthy with security) will not be considered.

### **III.2.3. Technical and professional ability**

List and brief description of conditions:

K 04 Tenderers shall have good experience from similar deliveries and the delivery shall be within the core business of the tenderer. K04 — Documented by: CV (s), maximum for 3 persons, which document competence requirements, with a list of the 3 most important deliveries within this area, including migration of databases to the offered system, within the last 3 years. The list shall contain a brief description of the project, value, date as well as the contact person's name, position, telephone no and e-mail address. The Contracting Authority shall be given the opportunity to contact the reference persons. The tenderer must have informed the reference person in advance that they may be contacted. A description of the tenderer's core activity.

### **III.2.4. Information about reserved contracts**

## **III.3. Conditions specific to services contracts**

### **III.3.1. Information about a particular profession**

### **III.3.2. Information about staff responsible for the performance of the contract**

## **Section IV: Procedure**

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### **IV.1. Type of procedure**

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

Open

#### **IV.1.2. Information about the limits on the number of candidates to be invited**

#### **IV.1.3. Information about reduction of the number of solutions or tenders during negotiation or dialogue**

### **IV.2. Award criteria**

#### **IV.2.1. Award criteria**

The most economically advantageous tender in terms of Price is not the only award criterion and all criteria are stated only in the procurement documents

**IV.2.2. Information about electronic auction**

An electronic auction will be used: no

**IV.3. Administrative information**

**IV.3.1. File reference number attributed by the contracting authority**

16/984

**IV.3.2. Previous publication concerning this procedure**

no

**IV.3.3. Conditions for obtaining specifications and additional documents or descriptive document**

Time limit for receipt of requests for documents or for accessing documents: 22.8.2016 - 12:00

Payable documents: no

**IV.3.4. Time limit for receipt of tenders or requests to participate**

22.8.2016 - 12:00

**IV.3.5. Estimated date of dispatch of invitations to tender or to participate to selected candidates**

**IV.3.6. Languages in which tenders or requests to participate may be submitted**

Other: Norwegian.

**IV.3.7. Minimum time frame during which the tenderer must maintain the tender**

until: 30.11.2016

**IV.3.8. Conditions for opening of tenders**

Date: 22.8.2016 - 12:00

Place:

Oslo.

Persons authorised to be present at the opening of tenders: no

**Section VI: Complementary information**

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**VI.1. Information about recurrence**

This is a recurrent procurement: no

**VI.2. Information about European Union funds**

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

no

**VI.3. Additional information**

**VI.4. Procedures for review**

**VI.4.1. Review body**

**VI.4.2. Review procedure**

**VI.4.3. Service from which information about the review procedure may be obtained**

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

1.7.2016