

**Netherlands-Arnhem: Software testing**  
**OJ S 166/2019 29/08/2019**  
**Contract notice – utilities**  
**Services**

**Legal Basis:**

Directive 2014/25/EU

**Section I: Contracting entity**

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**I.1. Name and addresses**

Official name: TenneT TSO B.V.

National registration number: 09155985

Postal address: Utrechtseweg 310

Town: Arnhem

NUTS code: NL Nederland

Postal code: 6812 AR

Country: Netherlands

Contact person: Boris Hoeneveld

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Telephone: +31 263731107

**Internet address(es):**

Main address: <http://www.tennet.eu>

Address of the buyer profile: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=124351>

**I.1. Name and addresses**

Official name: TenneT TSO GmbH

Town: Bayreuth

NUTS code: NL Nederland

Country: Germany

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.TenneT.eu](http://www.TenneT.eu)

**I.1. Name and addresses**

Official name: 50Hertz Transmission GmbH

Town: Berlin

NUTS code: NL Nederland

Country: Germany

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.50hertz.com](http://www.50hertz.com)

**I.1. Name and addresses**

Official name: Transnet BW GmbH

Town: Stuttgart

NUTS code: NL Nederland

Country: Germany

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.transnetbw.de](http://www.transnetbw.de)

**I.1. Name and addresses**

Official name: Affärsverket Svenska Kraftnät

Town: Sundbyberg

NUTS code: NL Nederland

Country: Sweden

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.svk.se](http://www.svk.se)

**I.1. Name and addresses**

Official name: Amprion GmbH

Town: Dortmund

NUTS code: NL Nederland

Country: Germany

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.amprion.net](http://www.amprion.net)

**I.1. Name and addresses**

Official name: AS 'Augstsprieguma tīkls'

Town: Riga

NUTS code: NL Nederland

Country: Latvia

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.ast.lv/lv](http://www.ast.lv/lv)

**I.1. Name and addresses**

Official name: Austrian Power Grid AG

Town: Wien

NUTS code: NL Nederland

Country: Austria

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.apg.at](http://www.apg.at)

**I.1. Name and addresses**

Official name: Britned Development Ltd

Town: Arnhem

NUTS code: NL Nederland

Country: Netherlands

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.britned.com](http://www.britned.com)

**I.1. Name and addresses**

Official name: ČEPS, a.s.

Town: Praha

NUTS code: NL Nederland

Country: Czechia  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.ceps.cz](http://www.ceps.cz)

**I.1. Name and addresses**

Official name: CREOS Luxembourg SA  
Town: Luxembourg  
NUTS code: NL Nederland  
Country: Luxembourg  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.creos-net.lu](http://www.creos-net.lu)

**I.1. Name and addresses**

Official name: Croatian Transmission System Operator Ltd  
Town: Zagreb  
NUTS code: NL Nederland  
Country: Croatia  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.hops.hr](http://www.hops.hr)

**I.1. Name and addresses**

Official name: EIRGRID plc  
Town: Dublin  
NUTS code: NL Nederland  
Country: Ireland  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.eirgridgroup.com](http://www.eirgridgroup.com)

**I.1. Name and addresses**

Official name: Electricity System Operator EAD  
Town: Sofia  
NUTS code: NL Nederland  
Country: Bulgaria  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.eso.bg](http://www.eso.bg)

**I.1. Name and addresses**

Official name: Elering AS Tallinn  
Town: Tallin  
NUTS code: NL Nederland  
Country: Estonia  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.elering.ee](http://www.elering.ee)

**I.1. Name and addresses**

Official name: ELES, Ltd., Electricity Transmission System Operator

Town: Ljubljana  
NUTS code: NL Nederland  
Country: Slovenia  
E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.eles.si](http://www.eles.si)

**I.1. Name and addresses**

Official name: Elia System Operator SA/NV  
Town: Brussels  
NUTS code: NL Nederland  
Country: Belgium  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.elia.be](http://www.elia.be)

**I.1. Name and addresses**

Official name: Energinet Elsystemansvar A/S  
Town: Fredericia  
NUTS code: NL Nederland  
Country: Denmark  
E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.energinet.dk](http://www.energinet.dk)

**I.1. Name and addresses**

Official name: Fingrid OYJ  
Town: Helsinki  
NUTS code: NL Nederland  
Country: Finland  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.fingrid.fi](http://www.fingrid.fi)

**I.1. Name and addresses**

Official name: Independent Power Transmission Operator S.A.  
Town: Athens  
NUTS code: NL Nederland  
Country: Greece  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.admie.gr](http://www.admie.gr)

**I.1. Name and addresses**

Official name: Litgrid AB  
Town: Vilnius  
NUTS code: NL Nederland  
Country: Lithuania  
E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)  
**Internet address(es):**  
Main address: [www.litgrid.eu/](http://www.litgrid.eu/)

### **I.1. Name and addresses**

Official name: MAVIR Hungarian Independent Transmission Operator Company Ltd

Town: Budapest

NUTS code: NL Nederland

Country: Hungary

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.mavir.hu](http://www.mavir.hu)

### **I.1. Name and addresses**

Official name: National Grid Interconnectors Ltd

Town: London

NUTS code: NL Nederland

Country: Afghanistan

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.nationalgrideso.com](http://www.nationalgrideso.com)

### **I.1. Name and addresses**

Official name: National Power Grid Company Transelectrica S.A.

Town: Bucharest

NUTS code: NL Nederland

Country: Romania

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.transelectrica.ro](http://www.transelectrica.ro)

### **I.1. Name and addresses**

Official name: Polskie Sieci Elektroenergetyczne S.A.

Town: Konstancin-Jeziorna

NUTS code: NL Nederland

Country: Poland

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.pse.pl](http://www.pse.pl)

### **I.1. Name and addresses**

Official name: Red Eléctrica de España, S.A.U.

Town: Alcobendas (Madrid)

NUTS code: NL Nederland

Country: Spain

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.ree.es](http://www.ree.es)

### **I.1. Name and addresses**

Official name: REN — Rede Eléctrica Nacional, S.A.

Town: Lisboa

NUTS code: NL Nederland

Country: Portugal

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

**Internet address(es):**

Main address: [www.ren.pt](http://www.ren.pt)

#### **I.1. Name and addresses**

Official name: RTE Réseau de Transport d'Electricité

Town: La Défense Cedex

NUTS code: NL Nederland

Country: France

E-mail: [boris.hoeneveld@tennet.eu](mailto:boris.hoeneveld@tennet.eu)

##### **Internet address(es):**

Main address: [www.rte-france.com](http://www.rte-france.com)

#### **I.1. Name and addresses**

Official name: SONI Ltd

Town: Belfast

NUTS code: NL Nederland

Country: Ireland

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

##### **Internet address(es):**

Main address: [www.soni.ltd.uk](http://www.soni.ltd.uk)

#### **I.1. Name and addresses**

Official name: Statnett SF

Town: Oslo

NUTS code: NL Nederland

Country: Norway

E-mail: [Boris.hoeneveld@tennet.eu](mailto:Boris.hoeneveld@tennet.eu)

##### **Internet address(es):**

Main address: [www.statnett.no](http://www.statnett.no)

#### **I.1. Name and addresses**

Official name: Terna — Rete Elettrica Nazionale S.p.A.

Town: Roma

NUTS code: NL Nederland

Country: Italy

E-mail: [Boris.hoeneveld@tennet.er](mailto:Boris.hoeneveld@tennet.er)

##### **Internet address(es):**

Main address: [www.terna.it](http://www.terna.it)

#### **I.2. Information about joint procurement**

The contract involves joint procurement

In the case of joint procurement involving different countries, state applicable national procurement law:

Dutch

#### **I.3. Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <https://platform.negometrix.com/PublishedTenders.aspx?tenderid=124351>

Additional information can be obtained from the abovementioned address

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

#### **I.6. Main activity**

Electricity

## Section II: Object

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### II.1. Scope of the procurement

#### II.1.1. Title

XBID Testing Services  
Reference number: EU-265

#### II.1.2. Main CPV code

72254000 Software testing

#### II.1.3. Type of contract

Services

#### II.1.4. Short description

The development and testing of the XBID Solution has predominantly, until now, been undertaken using a 'Waterfall' approach. The project parties and the service provider are exploring the potential implementation of an 'Agile' approach for the upcoming releases. In order to support the TSO-only-XBID project (excl. NEMOs), which is composed of 31 TSOs, the need for professional external testing service support has arisen. The scope of the external testing service support comprises:

- 1) Involvement in test case creation for regression tests and test execution;
- 2) Optional involvement in so called 'projects': preparation and execution of test regarding modified XBID functionalities incl. failover and smoke tests; and
- 3) Providing testing services connected to the XBID system to individual TSOs.

#### II.1.5. Estimated total value

#### II.1.6. Information about lots

This contract is divided into lots: no

### II.2. Description

#### II.2.3. Place of performance

NUTS code: NL Nederland

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

- 1) Testing support for regression tests: after the functionalities have been jointly specified by the TSOs and NEMOs, the TSOs and NEMOs conduct a pre-release assessment, define the testing scope, create and review test cases before actual test execution starts. Regression tests, meaning testing existing and unmodified functionalities in a new release are executed by the TSOs for the CMM and SM at the very beginning of a new release testing cycle. The TSOs foresee that the successful tenderer will be assigned with the test case creation and after test case review done by the TSOs, the tenderer will independently execute the regression tests on behalf of the TSOs. Currently there is one major release planned per year involving 5-8 weeks of regression test case preparation and execution (4-5 full time testers during execution required), although this can vary from year to year. Moving to 'agile' will most likely involve more frequent but shorter regression test periods. The services are provided to all 31 TSOs;
- 2) Optional testing support for so called 'projects': by moving from 'waterfall' to 'agile', TSOs may involve external testers in further testing activities such as testing modified functionalities, failover tests, smoke tests, manual configuration (if the snapshot restoration process is not ready or if the necessary snapshot is not available) and 'Would' and 'could' existing functionality testing. Such involvement would be on behalf of all 31 TSOs;

3) Providing testing services connected to the XBID system to individual TSOs: in addition to 1) and 2) this service will be provided to individual TSOs. The tenderer will support the TSO in testing the XBID Solution; however, the exact scope of the testing service and the duration will vary from TSO to TSO and will be described in the scope of the 'mini tenders' that will be executed by the individual TSO under the framework agreement. Assumption is that during the contracting period on average 1-2 full time equivalents will be required to provide these testing services.

TenneT expects to have more than 1 framework agreement, with a mechanism of having one prior agreement and 1 or more stand-by agreements. The mechanism and exact amount of framework agreements will be explained when publishing the contract notice

#### **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: 1 000 000,00 EUR

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

Duration in months: 48

This contract is subject to renewal: yes

Description of renewals:

4 times 1 year.

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

Variants will be accepted: no

#### **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**

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#### **IV.1. Description**

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

Negotiated procedure with prior call for competition

##### **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: [2019/S 127-311532](#)

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

Date: 23/09/2019 Local time: 14:00

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

Date: 14/10/2019

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

English

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

Duration in months: 6 (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**

**VI.4. Procedures for review**

**VI.4.1. Review body**

Official name: Rechtbank Arnhem

Town: Arnhem

Country: Netherlands

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

26/08/2019