

297437-2026 - Competition

Germany – IT services: consulting, software development, Internet and support – Implementation, Extension and Provision of a Central Phasor Data Concentrator System with Integrated WAMS Functionality

OJ S 84/2026 30/04/2026

**Contract or concession notice – standard regime
Services**

1. Buyer

1.1. Buyer

Official name: TenneT TSO GmbH

Email: daniel.Simon@tennet.eu

Activity of the contracting entity: Electricity-related activities

2. Procedure

2.1. Procedure

Title: Implementation, Extension and Provision of a Central Phasor Data Concentrator System with Integrated WAMS Functionality

Description: TenneT is a leading European transmission system operator responsible for the safe and reliable transmission of electrical energy over long distances. TenneT's core tasks include the expansion and maintenance of the transmission grid, the integration of renewable energy sources, and the assurance of grid stability. TenneT's grid area covers large parts of Germany and the Netherlands and includes both onshore and offshore connections. As an operator of critical infrastructure, the security and reliability of the systems in use are of particular importance. The aim of this tender is to replace the central Phasor Data Concentrator (PDC) at TenneT TSO GmbH (TTG) with a new system supporting PDC functionality, data storage, offline WAMS applications, trend monitoring WAMS applications, and data exchange with external PDCs. The implementation is planned for approximately Q3 /2026. TTG's new concept for PDC and WAMS applications includes in particular the following scope of services: a) Provision of a central PDC to collect and aggregate data streams from at least 400 PMUs and to store this data in a local data storage system. The central PDC shall be capable of forwarding real#time data to additional clients. b) Provision of a C37.118#2 client with WAMS applications and long#term data storage. The client shall receive aggregated data from the central PDC as well as from additional PDCs, store the data in a long#term database, and make it available for WAMS analysis applications. c) Provision of additional PDCs and WAMS applications for testing and training purposes. The subject of this tender is the procurement of central PDC systems, WAMS applications, user interfaces, laboratory PDCs, and a data historian for TenneT TSO GmbH (TTG) as part of the ENT#SO#E interconnected power system. TenneT TSO GmbH is certified according to ISO 27001. Therefore, only software solutions or equipment that comply with TTG's Operational Technology security requirements may be offered (OT security and IT security requirements). Tender Documents To participate in the tender, please complete the Non-Disclosure Agreement below and send it via email to: daniel.simon@tennet.eu Access to the additional tender documents will be granted immediately upon receipt and review of the document. TenneT TSO GmbH will treat the documents you submit and the trade and business secrets contained therein as confidential in accordance with Section 5 of the Sector Ordinance.

Procedure identifier: 8f773a85-db88-456d-8f71-6f1bab0ad61

Internal identifier: 076357e3-bffd-4562-945b-1f32e7356f45

Type of procedure: Negotiated with prior publication of a call for competition / competitive with negotiation

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 72000000 IT services: consulting, software development, Internet and support

Additional classification (cpv): 48000000 Software package and information systems, 48100000 Industry specific software package, 48800000 Information systems and servers

2.1.2. Place of performance

Country: Germany

Anywhere in the given country

Additional information: See documentation

2.1.3. Value

Estimated value excluding VAT: 1 200 000,00 EUR

2.1.4. General information

Additional information: #Besonders auch geeignet für:selbst#

Legal basis:

Directive 2014/25/EU

sektvo -

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0000

Title: Implementation, Extension and Provision of a Central Phasor Data Concentrator System with Integrated WAMS Functionality

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Internal identifier: 25744e67-4060-4304-910a-27b53983024d

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 72000000 IT services: consulting, software development, Internet and support

Additional classification (cpv): 48000000 Software package and information systems, 48100000 Industry specific software package, 48800000 Information systems and servers

5.1.2. Place of performance

Country: Germany

Anywhere in the given country

Additional information: See documentation

5.1.3. Estimated duration

Duration: 4 Years

5.1.4. Renewal

Maximum renewals: 2

Other information about renewals: TenneT may, at its sole and absolute discretion, extend the term of the service agreement for up two (2) additional extension periods of two (2) years each or terminate the service agreement

5.1.5. Value

Estimated value excluding VAT: 1 200 000,00 EUR

5.1.6. General information

Reserved participation:

Participation is not reserved.

Procurement Project not financed with EU Funds.

The procurement is covered by the Government Procurement Agreement (GPA): yes

This procurement is also suitable for small and medium-sized enterprises (SMEs): yes

Additional information: #Besonders auch geeignet für:selbst#

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

Information about the second stage of a two-stage procedure:

Minimum number of candidates to be invited for the second stage of the procedure: 2

Maximum number of candidates to be invited for the second stage of the procedure: 5

5.1.10. Award criteria

Description of the method to be used if weighting cannot be expressed by criteria: The awarding criteria can be found in C03 procedure guideline

5.1.11. Procurement documents

Access to certain procurement documents is restricted

Languages in which the procurement documents are officially available: English

Information about restricted documents is available at: <https://s2c.mercell.com/today/194930>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Allowed

Address for submission: <https://s2c.mercell.com/today/194930>

Languages in which tenders or requests to participate may be submitted: German, English

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of requests to participate: 04/06/2026 10:00:00 (UTC+00:00) Western European Time, GMT

Information that can be supplemented after the submission deadline:

At the discretion of the buyer, all missing tenderer-related documents may be submitted later.

Additional information: The contracting authority reserves the right, in accordance with the principles of transparency and equal treatment, to request bidders to submit, complete, or correct any missing, incomplete, or incorrect company-related documents, in particular self-declarations, information, certificates, or other supporting documents (Section 51(2) of the Public Procurement Ordinance). Bidders have no right to demand that the contracting authority request missing, incomplete, or incorrect company-related documents.

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Conditions relating to the performance of the contract: see tender documents

A non-disclosure agreement is required: yes

Electronic ordering will be used: yes

Electronic payment will be used: yes

Financial arrangement: see tender documents

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

Electronic auction: yes

5.1.16. Further information, mediation and review

Review organisation: Vergabekammer Nordbayern

Information about review deadlines: see tender documents

Organisation providing additional information about the procurement procedure: TenneT TSO GmbH

8. Organisations

8.1. ORG-0001

Official name: TenneT TSO GmbH

Registration number: HRB 4923

Postal address: Bernecker Straße 70

Town: Bayreuth

Postcode: 95448

Country subdivision (NUTS): Bayreuth, Kreisfreie Stadt (DE242)

Country: Germany

Contact point: Daniel Simon

Email: daniel.Simon@tennet.eu

Telephone: +49921507406421

Buyer profile: <https://s2c.mercell.com/buyer/1163>

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

8.1. ORG-0002

Official name: Vergabekammer Nordbayern

Registration number: DE 811 335 517

Postal address: Postfach 606

Town: Ansbach

Postcode: 91511

Country subdivision (NUTS): Bayreuth, Kreisfreie Stadt (DE242)

Country: Germany

Contact point: vergabekammer.nordbayern@reg-mfr.bayern.de

Email: vergabekammer.nordbayern@reg-mfr.bayern.de

Telephone: +49 981531277

Fax: +49 981531837

Internet address: <https://www.regierung.mittelfranken.bayern.de>

Roles of this organisation:

Review organisation

8.1. ORG-0003

Official name: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)

Registration number: 0204:994-DOEVD-83

Town: Bonn

Postcode: 53119

Country subdivision (NUTS): Bonn, Kreisfreie Stadt (DEA22)

Country: Germany

Email: noreply.esender_hub@bescha.bund.de

Telephone: +49228996100

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: 8952dd51-b2ac-4f66-b607-2aeaf4060b8c - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 17

Notice dispatch date: 29/04/2026 07:07:06 (UTC+00:00) Western European Time, GMT

Notice dispatch date (eSender): 29/04/2026 07:07:31 (UTC+00:00) Western European Time, GMT

Languages in which this notice is officially available: English

Notice publication number: 297437-2026

OJ S issue number: 84/2026

Publication date: 30/04/2026