

391926-2026 - Mise en concurrence

Allemagne – Appareils électriques de commutation ou de protection de circuits électriques – Framework Agreement for the Delivery of Control Systems (IEC104) and the Provision of related services

OJ S 109/2026 09/06/2026

Avis de marché ou de concession – régime ordinaire - Avis de changement Fournitures

1. Acheteur

1.1. Acheteur

Nom officiel: TenneT TSO GmbH

Adresse électronique: daniel.Simon@tennet.eu

Activité de l'entité adjudicatrice: Activités liées à l'électricité

2. Procédure

2.1. Procédure

Titre: Framework Agreement for the Delivery of Control Systems (IEC104) and the Provision of related services

Description: Framework Agreement for the Delivery of Control Systems (IEC104) and the Provision of related services 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 the establishment of two framework agreements for the procurement of substation Control Systems, in particular Intelligent Electronic Devices (IEDs) and field control units, for use in TenneT TSO GmbH's (TTG) high#voltage and extra#high#voltage substations. The systems to be procured are intended for control, monitoring, signalling and automation purposes within substations and are a key element of secure and reliable grid operation. Within the scope of this tender, TTG intends to procure Control System components including, but not limited to, bay control units, station control units, interface devices, and related auxiliary equipment. A central focus of the procurement is the use of the communication protocol IEC 60870#5#104 (IEC 104) for the exchange of control, status and measurement data between the substation level and higher#level control systems. The devices shall support typical substation automation functions, reliable IEC 104 communication, and seamless integration into existing station control concepts in accordance with applicable technical standards. The subject of this tender is the supply of Control Systems hardware, including IEDs and associated components, as well as related documentation and services necessary for commissioning and integration into TTG's substations. The framework agreement shall enable TTG to call off devices on demand over the contract term for new installations, refurbishments, and replacement purposes. Parallel to the hardware framework agreement, TTG intends to conclude a separate service contract covering the maintenance of the devices and the maintenance of embedded software, including corrective and preventive measures as well as software updates and upgrades, in accordance with the contractual provisions. Due to increasing requirements regarding system

availability and redundancy, the procurement procedure is structured into two lots, which will be awarded separately. The lot structure is intended to ensure supply security, operational resilience and redundancy of the Control Systems deployed within TTG's transmission grid. TenneT TSO GmbH is certified according to ISO 27001. Therefore, only Control Systems and 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.

Identifiant de la procédure: ffa0730d-f847-4672-a28d-fc561284e463

Identifiant interne: a54cb0c1-1e20-4f80-8214-1c9c12cc517c

Type de procédure: Négociée avec publication préalable d'un appel à la concurrence / concurrentielle avec négociation

La procédure est accélérée: oui

2.1.1. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 31210000 Appareils électriques de commutation ou de protection de circuits électriques

2.1.2. Lieu d'exécution

Pays: Allemagne

N'importe où dans le pays donné

Informations complémentaires: See documentation

2.1.3. Valeur

Valeur estimée hors TVA: 6 500 000,00 EUR

2.1.4. Informations générales

Informations complémentaires: #Besonders auch geeignet für:selbst#

Base juridique:

Directive 2014/25/UE

sektvo -

2.1.6. Motifs d'exclusion

Sources des motifs d'exclusion: Document de marché

5. Lot

5.1. Lot: LOT-0000

Titre: Framework Agreement for the Delivery of Control Systems (IEC104) and the Provision of related services

Description: Framework Agreement for the Delivery of Control Systems (IEC104) and the Provision of related services 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 the establishment of two

framework agreements for the procurement of substation Control Systems, in particular Intelligent Electronic Devices (IEDs) and field control units, for use in TenneT TSO GmbH's (TTG) high#voltage and extra#high#voltage substations. The systems to be procured are intended for control, monitoring, signalling and automation purposes within substations and are a key element of secure and reliable grid operation. Within the scope of this tender, TTG intends to procure Control System components including, but not limited to, bay control units, station control units, interface devices, and related auxiliary equipment. A central focus of the procurement is the use of the communication protocol IEC 60870#5#104 (IEC 104) for the exchange of control, status and measurement data between the substation level and higher#level control systems. The devices shall support typical substation automation functions, reliable IEC 104 communication, and seamless integration into existing station control concepts in accordance with applicable technical standards. The subject of this tender is the supply of Control Systems hardware, including IEDs and associated components, as well as related documentation and services necessary for commissioning and integration into TTG's substations. The framework agreement shall enable TTG to call off devices on demand over the contract term for new installations, refurbishments, and replacement purposes. Parallel to the hardware framework agreement, TTG intends to conclude a separate service contract covering the maintenance of the devices and the maintenance of embedded software, including corrective and preventive measures as well as software updates and upgrades, in accordance with the contractual provisions. Due to increasing requirements regarding system availability and redundancy, the procurement procedure is structured into two lots, which will be awarded separately. The lot structure is intended to ensure supply security, operational resilience and redundancy of the Control Systems deployed within TTG's transmission grid. TenneT TSO GmbH is certified according to ISO 27001. Therefore, only Control Systems and 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.

Identifiant interne: 2e16562a-e254-4a9e-8509-773b24702d25

5.1.1. Objet

Nature principale du marché: Fournitures

Nomenclature principale (cpv): 31210000 Appareils électriques de commutation ou de protection de circuits électriques

5.1.2. Lieu d'exécution

Pays: Allemagne

N'importe où dans le pays donné

Informations complémentaires: See documentation

5.1.3. Durée estimée

Durée: 4 Ans

5.1.4. Reconduction

Nombre maximum de reconductions: 2

Autres informations sur le renouvellement: 2 x 2 years

5.1.5. Valeur

Valeur estimée hors TVA: 6 500 000,00 EUR

5.1.6. Informations générales

Participation réservée:

La participation n'est pas réservée.

Projet de passation de marché non financé par des fonds de l'UE

Le marché relève de l'accord sur les marchés publics (AMP): oui

Le marché en question convient aussi aux petites et moyennes entreprises (PME): oui

Informations complémentaires: #Besonders auch geeignet für:selbst#

5.1.7. Marché public stratégique

Objectif du marché public stratégique: Pas de passation de marché stratégique

5.1.9. Critères de sélection

Sources des critères de sélection: Document de marché

Informations sur la seconde étape d'une procédure en deux étapes:

Nombre minimal de candidats à inviter pour la seconde étape de la procédure: 2

Nombre maximal de candidats à inviter pour la seconde étape de la procédure: 5

5.1.10. Critères d'attribution

Description de la méthode à utiliser si la pondération ne peut être exprimée par des critères:

The contract is awarded to the most economically advantageous tender based on a weighted evaluation model. The Price Factor (P) is calculated over a four-year period including all fixed and optional items listed in Price List N10, with optional items weighted by their expected likelihood of occurrence to reflect overall lifecycle costs. Qualitative criteria (L) include: System Robustness, Reliability and Availability (16.70%), assessing stability and resilience in critical environments; Technical Capability and Functional Performance (11.17%), evaluating compliance with functional and technical requirements; Engineering, Usability and Lifecycle Management (10.29%), focusing on efficiency and maintainability; OT Security Requirements Mapping (13.05%), assessing security-enhancing features; Proof of Concept (33.63%), verifying selected requirements through testing with shortlisted tenderers; and Framework Agreement (15.04%), evaluating contractual suitability for long-term cooperation.

5.1.11. Documents de marché

L'accès à certains documents de marché est restreint

Langues dans lesquelles les documents de marché sont officiellement disponibles: anglais

Des informations sur les documents restreints sont disponibles à l'adresse suivante:

<https://s2c.mercell.com/today/205272>

5.1.12. Conditions du marché public

Conditions de soumission:

Soumission par voie électronique: Autorisée

Adresse de soumission: <https://s2c.mercell.com/today/205272>

Langues dans lesquelles les offres ou demandes de participation/candidatures peuvent être présentées: allemand, anglais

Catalogue électronique: Non autorisée

Variantes: Non autorisée

Les soumissionnaires peuvent présenter plusieurs offres: Non autorisée

Date limite de réception des demandes de participation/candidatures: 30/06/2026 22:00:00 (UTC+00:00) Heure de l'Europe occidentale, GMT

Informations qui peuvent être complétées après la date limite de réception des offres:

À la discrétion de l'acheteur, tous les documents manquants relatifs au soumissionnaire peuvent être transmis ultérieurement.

Informations complémentaires: 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.

Conditions du marché:

Le contrat doit être exécuté dans le cadre de programmes d'emplois protégés: Non

Conditions relatives à l'exécution du contrat: see tender documents

Un accord de confidentialité est requis: oui

La commande en ligne sera utilisée: oui

Le paiement électronique sera utilisé: oui

Arrangement financier: see tender documents

5.1.15. Techniques

Accord-cadre:

Accord-cadre, sans remise en concurrence

Informations sur le système d'acquisition dynamique:

Pas de système d'acquisition dynamique

5.1.16. Informations complémentaires, médiation et recours

Organisation chargée des procédures de recours: Vergabekammer Nordbayern

Description des délais d'introduction des procédures de recours: see tender documents

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché: TenneT TSO GmbH

8. Organisations

8.1. ORG-0001

Nom officiel: TenneT TSO GmbH

Numéro d'enregistrement: HRB 4923

Adresse postale: Bernecker Straße 70

Ville: Bayreuth

Code postal: 95448

Subdivision pays (NUTS): Bayreuth, Kreisfreie Stadt (DE242)

Pays: Allemagne

Point de contact: Daniel Simon

Adresse électronique: daniel.Simon@tennet.eu

Téléphone: +49921507406421

Profil de l'acheteur: <https://s2c.mercell.com/buyer/1163>

Rôles de cette organisation:

Acheteur

Organisation qui fournit des informations complémentaires sur la procédure de passation de marché

8.1. ORG-0002

Nom officiel: Vergabekammer Nordbayern

Numéro d'enregistrement: DE 811 335 517

Adresse postale: Postfach 606

Ville: Ansbach

Code postal: 91511

Subdivision pays (NUTS): Bayreuth, Kreisfreie Stadt (DE242)
Pays: Allemagne
Point de contact: vergabekammer.nordbayern@reg-mfr.bayern.de
Adresse électronique: vergabekammer.nordbayern@reg-mfr.bayern.de
Téléphone: +49 981531277
Télécopieur: +49 981531837
Adresse internet: <https://www.regierung.mittelfranken.bayern.de>

Rôles de cette organisation:

Organisation chargée des procédures de recours

8.1. ORG-0003

Nom officiel: Datenservice Öffentlicher Einkauf (in Verantwortung des Beschaffungsamts des BMI)

Numéro d'enregistrement: 0204:994-DOEVD-83

Ville: Bonn

Code postal: 53119

Subdivision pays (NUTS): Bonn, Kreisfreie Stadt (DEA22)

Pays: Allemagne

Adresse électronique: noreply.esender_hub@bescha.bund.de

Téléphone: +49228996100

Rôles de cette organisation:

TED eSender

10. Changement

Version de l'avis antérieur à modifier

:

4f0216ae-e3ae-4984-8106-c2605d2d0cc6-01

Principale raison du changement

:

Correction par l'acheteur

Description

:

Adjustment of evaluation criteria in document C07 (Evaluation Matrix) Revision of criterion C 2.1 (Average overall company turnover) in alignment with the SME classification of the European Commission Revision of criterion C 2.2 (Average turnover in substation automation) to better reflect market-specific requirements (partial adjustment only, not fully aligned with SME classification) Updated version of the evaluation matrix issued: C07 v2.0 Clarification that the adjustments are based on feedback received during the Q&A phase Extension of the deadline for submission of requests to participate (Call for Competition) New submission deadline: 01 July 2026

10.1. Changement

Identifiant de la section: PROCEDURE

10.1. Changement

Identifiant de la section: LOT-0000

Informations relatives à l'avis

Identifiant/version de l'avis: 2b09da46-d685-4207-b375-cab88ea4c1bc - 01

Type de formulaire: Mise en concurrence

Type d'avis: Avis de marché ou de concession – régime ordinaire

Sous-type d'avis: 17

Date d'envoi de l'avis: 08/06/2026 09:29:26 (UTC+00:00) Heure de l'Europe occidentale, GMT

Date et heure de transmission de l'avis (eSender): 08/06/2026 09:29:30 (UTC+00:00) Heure de l'Europe occidentale, GMT

Langues dans lesquelles l'avis en question est officiellement disponible: anglais

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Date de publication: 09/06/2026