

590557-2026 - Competition

Germany – Research and development services and related consultancy services – [InSuReCS] Intelligent Surfaces for Resilient Communication and Sensing

OJ S 165/2026 27/08/2026

Contract or concession notice – standard regime

Services

1. Buyer

1.1. Buyer

Official name: Agentur für Innovation in der Cybersicherheit GmbH (Cyberagentur)

Email: vergabestelle@cyberagentur.de

Legal type of the buyer: Defence contractor

Activity of the contracting authority: Defence

2. Procedure

2.1. Procedure

Title: [InSuReCS] Intelligent Surfaces for Resilient Communication and Sensing

Description: The greatest risk to cyber security on the battlefield is the threat to own wireless radio communication from enemy electronic warfare (EloKa). In addition to ensuring the integrity and security against interception of the transmitted information using modern cryptographic methods and the availability of information links even under jamming measures, the protection of one's own electromagnetic signature against the enemy's positioning methods is an often overlooked but operationally critical component of communications security (COMSEC). Particularly in the case of direct communication between two transmitting stations, there is a risk that one's own transmission will be intercepted and decoded by enemy forces or that one's own location will be disrupted or localized with the help of EloKa measures. Troop units in the field are currently responding with technical measures (direct sequence spread spectrum/frequency hopping procedures, burst transmissions, radio relay) or tactical measures (short transmission cycles, radio discipline, high mobility), which limits the use of wireless communication and its advantages in operations. On the other hand, the uninterrupted availability of the information flow in the "Military Internet of Things" is playing an increasingly important role on the battlefield, e.g. for the creation of highly precise and continuously updatable situation pictures, and requires the use of tactical data links with high data rates. This requires, for example, new adaptive waveforms in the VHF range and higher, which are currently being developed on the basis of Software Defined Radio (SDR), e.g. as part of the ESSOR project. Flexible modulation methods, integrated encryption and high resilience allow secure radio connections to be realized. At the same time, such waveforms also enable simultaneous communication and reconnaissance (Integrated Communication and Sensing, ISAC) and are therefore particularly interesting for military applications. As part of the InSuReCS research programme, an adaptively controllable transmission and reception technology based on meta-surfaces (e.g. Reconfigurable Intelligent Surfaces (RIS)) is to be developed that enables indirect communication and reconnaissance (active and passive) and thus further minimizes the risk of reconnaissance of one's own position through a continuously adaptable transmission path. Indirect communication and reconnaissance is to be realized by an intermediate or relay station that is capable of forwarding incoming and highly focused transmissions between source and sink in a targeted manner. The transmission and reception

technology to be developed can be used to supplement existing radio technology and expand its capabilities (e.g. with regard to bandwidth, frequency bands used, directional characteristics), but can also focus on future military-relevant radio applications. The aim is to develop a transmission and reception technology that enables mobile field teams to provide highly available, broadband and secure communication and long-range reconnaissance with high directionality. To this end, intelligent meta-interfaces, which are intended for use in the upcoming 6G mobile communications standard, for example, are to be adapted for highly flexible use in conflict and crisis management scenarios. Prioritized requirements such as largely platform-independent usability, good integration into existing and future radio applications and continuous adaptation of the RIS configuration in a highly mobile deployment scenario are key innovation goals of the research program.

Procedure identifier: 2117cecb-fcc1-4f77-9ff9-be2ee6edfdb2

Internal identifier: 042 CAEU VV 2026 [InSuReCS]

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

The procedure is accelerated: no

Main features of the procedure: This is a research and development contract that does not fall within the scope of application of public procurement law in application of the exception in Section 116 (1) No. 2 GWB. The contract will be awarded as part of a precommercial procurement procedure based on a PCP procedure similar to a negotiated procedure with a participation competition. Details can be found in the document "Tender procedure".

2.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73000000 Research and development services and related consultancy services

2.1.2. Place of performance

Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Additional information: Research and development services provided under this contract must be carried out entirely in an EU member state or Switzerland and/or in a NATO member state or NATO partner, in particular AP4 (Asia-Pacific partners - South Korea, Japan, Australia and New Zealand). This applies both to the services of the Contractor and to the services of subcontractors. The Contractor must obtain the prior written consent of the Client for the performance of services in countries other than those specified.

2.1.4. General information

Additional information: a) Forms of cooperation in this procurement procedure: The absence of grounds for exclusion, the economic and financial capacity as well as the technical and professional capacity must be submitted for each member of the consortium in the case of a consortium. If the applicant or a member of a consortium of applicants intends to rely on other companies (e.g. subcontractors) to provide evidence of economic and financial or technical and professional capacity, the specified documents for the other companies must be submitted to the extent that reference is made to the capacity of third parties. b) Requests to participate can be submitted in German and English. c) The client has drawn up an application form for the submission of requests to participate. This is to be used for the submission of requests to participate. Requests to participate must be received electronically at evergabe-online by the closing date for receipt in accordance with Section 5.1.12. Applications submitted in paper form will not be considered. A signature is not required on the application form, but the name of the responsible person must be entered in the signature field ("text form"). d) Explanation of

the negotiated procedure: The tender documents are in a "draft mode". The client reserves the right to adapt the published informational tender documents and to provide the selected applicants with a revised version of the tender documents. e) The times given are subject to adjustment and updating. f) Budget reservation: The continuation of this award procedure is subject to the reservation that the necessary budget funds are available in the required amount. Should it become apparent during the award procedure that this is not the case, the client reserves the right to cancel the award procedure in accordance with § 63 (1) sentence 1 VgV. Costs and expenses incurred by applicants / bidders in connection with their participation in the award procedure will not be reimbursed in this case either (unless otherwise contractually agreed). g) Data protection: The applicant must comply with the provisions of the General Data Protection Regulation (GDPR), the German Bundesdatenschutzgesetz (German Federal Data Protection Act) (BDSG) and other applicable laws on the protection of personal data. The applicant is responsible under data protection law for the transfer of personal data to the client and must ensure that it is lawful.

Legal basis:

Directive 2014/24/EU

vgv - PCP procedure similar to a negotiated procedure with a participation competition

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Notice

Assets being administered by liquidator: Self-declaration by the applicant that the applicant is not insolvent, that no insolvency proceedings or comparable proceedings have been applied for or opened against the applicant's assets, that the opening of such proceedings has not been rejected for lack of assets, that the applicant is not in liquidation proceedings or has ceased its activities, § 124 (1) No. 2 GWB.

Conflict of interest due to its participation in the procurement procedure: Self-declaration by the applicant that the applicant is not aware of any conflict of interest in the performance of the procurement procedure that could affect the impartiality and independence of a person acting on behalf of the contracting authority in the performance of the procurement procedure. Self-declaration that there is no prohibition on awarding a contract to the applicant pursuant to Article 5k of Regulation (EU) No. 833/2014, as amended by Council Regulation (EU) 2026/506 of April 23, 2026, on restrictive measures in response to Russia's actions destabilizing the situation in Ukraine. A self-declaration that, in the event of being awarded the contract, the applicant will not engage any subcontractors, suppliers, or third parties lending their qualifications for which Article 5k(1)(a) – c) of Regulation (EU) No. 833/2014, as amended by Council Regulation (EU) 2026/506 of April 23, 2026, on restrictive measures in response to Russia's actions destabilizing the situation in Ukraine, and to whom more than 10% of the contract value is attributable.

Breaching of obligations set under purely national exclusion grounds: Applicants, members of an applicant consortium and subcontractors who have their registered office in countries according to the "List of Countries" of the Federal Ministry of the Interior and Community of Germany within the meaning of § 13 (1) No. 17 of the Security Clearance Act (SÜG - Sicherheitsüberprüfungsgesetz) are excluded from the award procedure.

Grave professional misconduct: Self-declaration by the applicant that the applicant has not demonstrably committed serious misconduct in the course of his/her professional activity which calls into question the integrity of the applicant, § 124 (1) No. 3 GWB; the conduct of a person convicted by final judgment is to be attributed to a company if this person has acted as the person responsible for the management of the company; this also includes the supervision of the management or the other exercise of supervisory powers in a managerial position, § 123 (3) GWB accordingly. Self-declaration that there are no mandatory grounds for exclusion

pursuant to § 123 GWB. If there are grounds for exclusion, the client will take into account information provided by the applicant on self-cleaning in accordance with § 125 GWB and the permissible period for exclusions in accordance with § 126 GWB.

Breaching of obligations in the fields of labour law: Self-declaration by the applicant that the applicant has not been sentenced to more than three months imprisonment or a fine of more than 90 daily rates or a fine of more than EUR 2,500 in the last two years due to a violation of regulations (e.g. § 23 AEntG, § 21 MiLoG or regulations due to illegal employment of workers) that has led to an entry in the central trade register.

Breaching of obligations in the fields of social law: Self-declaration by the applicant that the applicant has demonstrably not violated applicable social and environmental obligations in the execution of public contracts.

Agreements with other economic operators aimed at distorting competition: Self-declaration by the applicant that the applicant has not entered into any agreements with other companies or coordinated any practices that have as their object or effect the prevention, restriction or distortion of competition.

Direct or indirect involvement in the preparation of this procurement procedure: Self-declaration by the applicant that the applicant is not aware of any distortion of competition resulting from the fact that its company was already involved in the preparation of the award procedure.

Early termination, damages, or other comparable sanctions: Self-declaration by the applicant that the applicant has not significantly or persistently failed to comply with any material requirement in the performance of a previous public contract or concession contract and that this has led to early termination, damages or a comparable legal consequence.

Misrepresentation, withheld information, unable to provide required documents or obtained confidential information of this procedure: Self-declaration by the applicant that the applicant has not committed serious fraud or withheld information in relation to exclusion grounds or selection criteria or is able to provide the required evidence. Self-declaration by the applicant that the applicant has not (a) attempted to improperly influence the decision-making of the contracting authority, (b) attempted to obtain confidential information that could give it an improper advantage in the award procedure, or negligently or intentionally provided misleading information that could significantly influence the award decision of the contracting authority, or attempted to provide such information.

5. Lot

5.1. Lot: LOT-0000

Title: [InSuReCS] Reconfigurable Intelligent Surfaces for Resilient Communication and Sensing
Description: The greatest risk to cyber security on the battlefield is the threat to own wireless radio communication from enemy electronic warfare (EloKa). In addition to ensuring the integrity and security against interception of the transmitted information using modern cryptographic methods and the availability of information links even under jamming measures, the protection of one's own electromagnetic signature against the enemy's positioning methods is an often overlooked but operationally critical component of communications security (COMSEC). Particularly in the case of direct communication between two transmitting stations, there is a risk that one's own transmission will be intercepted and decoded by enemy forces or that one's own location will be disrupted or localized with the help of EloKa measures. Troop units in the field are currently responding with technical measures (direct sequence spread spectrum/frequency hopping procedures, burst transmissions, radio relay) or tactical measures (short transmission cycles, radio discipline, high mobility), which limits the use of wireless communication and its advantages in operations. On the other hand, the

uninterrupted availability of the information flow in the “Military Internet of Things” is playing an increasingly important role on the battlefield, e.g. for the creation of highly precise and continuously updatable situation pictures, and requires the use of tactical data links with high data rates. This requires, for example, new adaptive waveforms in the VHF range and higher, which are currently being developed on the basis of Software Defined Radio (SDR), e.g. as part of the ESSOR project. Flexible modulation methods, integrated encryption and high resilience allow secure radio connections to be realized. At the same time, such waveforms also enable simultaneous communication and reconnaissance (Integrated Communication and Sensing, ISAC) and are therefore particularly interesting for military applications. As part of the InSuReCS research programme, an adaptively controllable transmission and reception technology based on meta-surfaces (e.g. Reconfigurable Intelligent Surfaces (RIS)) is to be developed that enables indirect communication and reconnaissance (active and passive) and thus further minimizes the risk of reconnaissance of one’s own position through a continuously adaptable transmission path. Indirect communication and reconnaissance is to be realized by an intermediate or relay station that is capable of forwarding incoming and highly focused transmissions between source and sink in a targeted manner. The transmission and reception technology to be developed can be used to supplement existing radio technology and expand its capabilities (e.g. with regard to bandwidth, frequency bands used, directional characteristics), but can also focus on future military-relevant radio applications. The aim is to develop a transmission and reception technology that enables mobile field teams to provide highly available, broadband and secure communication and long-range reconnaissance with high directionality. To this end, intelligent meta-interfaces, which are intended for use in the upcoming 6G mobile communications standard, for example, are to be adapted for highly flexible use in conflict and crisis management scenarios. Prioritized requirements such as largely platform-independent usability, good integration into existing and future radio applications and continuous adaptation of the RIS configuration in a highly mobile deployment scenario are key innovation goals of the research program.

Internal identifier: 042 CAEU VV 2026 [InSuReCS]

5.1.1. Purpose

Main nature of the contract: Services

Main classification (cpv): 73000000 Research and development services and related consultancy services

5.1.2. Place of performance

Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Additional information: Research and development services provided under this contract must be carried out entirely in an EU member state or Switzerland and/or in a NATO member state or NATO partner, in particular AP4 (Asia-Pacific partners - South Korea, Japan, Australia and New Zealand). This applies both to the services of the Contractor and to the services of subcontractors. The Contractor must obtain the prior written consent of the Client for the performance of services in countries other than those specified.

5.1.3. Estimated duration

Other duration: Unknown

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): no
This procurement is also suitable for small and medium-sized enterprises (SMEs): yes
Additional information: #Besonders auch geeignet für:startup# This announcement is a voluntary EU-wide announcement of a pre-commercial procurement based on a PCP procedure similar to a negotiated procedure with a participation competition that does not fall within the scope of the Public Procurement Directives, the GWB, the VgV or VSVgV or national procurement law. This is a research and development contract in application of the exception in § 116 GWB. No double compensation (see "Application form" (for details)

5.1.7. Strategic procurement

Aim of strategic procurement: No strategic procurement

5.1.9. Selection criteria

Sources of selection criteria: Notice

Criterion: Other economic or financial requirements

Description of selection criterion: It must be established that the applicant is in a position to carry out and complete scientific research of the kind that is the subject of the tender procedure in economic and financial terms. To this end, suitable evidence must be provided to ensure economic and financial capacity, e.g. turnover figures for comparable services, details of equity capital, private funding, etc. The overall view of this evidence must show that the suitability criterion has been met. Please note that the application form provided by the client must be used.

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Criterion: Study, technical and research facilities

Description of selection criterion: Proof must be provided that the applicant has a project team available that is capable of carrying out and completing scientific research of the kind that is the subject of this award procedure. To this end, suitable evidence of the scientific staff must be provided, such as corresponding CVs, publications, evidence of collaboration in research projects comparable in type and scope, as well as references in relevant research areas or similar. All of this evidence must show that the suitability criterion has been met. Please note that the application form provided by the client must be used.

The criteria will be used to select the candidates to be invited for the second stage of the procedure

Criterion: Enrolment in a trade register

Description of selection criterion: Submission of a current excerpt from the commercial register or an equivalent document or certificate from a competent administrative authority or a court in the applicant's country of origin should be submitted if registration is required due to the applicant's corporate form. The extract from the commercial register must not be older than 6 months. The deadline for the submission of requests to participate specified in this document is decisive. Copy(s) is/are sufficient for the time being.

The criteria will be used to select the candidates to be invited for the second stage of the procedure

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

Minimum number of candidates to be invited for the second stage of the procedure: 3

Maximum number of candidates to be invited for the second stage of the procedure: 6

The procedure will take place in successive stages. At each stage, some participants may be eliminated

The buyer reserves the right to award the contract on the basis of the initial tenders without any further negotiations

5.1.11. Procurement documents

Languages in which the procurement documents are officially available: German

Address of the procurement documents: <https://www.evergabe-online.de/tenderdocuments.html?id=885697>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Required

Address for submission: <https://www.evergabe-online.de/tenderdetails.html?id=885697>

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

Electronic catalogue: Not allowed

Variants: Not allowed

Tenderers may submit more than one tender: Not allowed

Deadline for receipt of requests to participate: 28/10/2026 10:00:00 (UTC+01:00) Central European Time, Western European Summer Time

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: All documents as part of the participation competition

Terms of contract:

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

Electronic invoicing: Allowed

Electronic ordering will be used: yes

Electronic payment will be used: yes

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

5.1.16. Further information, mediation and review

Review organisation: Agentur für Innovation in der Cybersicherheit GmbH (Cyberagentur)

Information about review deadlines: none, as it does not fall within the scope of (antitrust) public procurement law

8. Organisations

8.1. ORG-0000

Official name: Agentur für Innovation in der Cybersicherheit GmbH (Cyberagentur)

Registration number: USt-IdNr.: DE332829919

Postal address: Große Steinstraße 19

Town: Halle (Saale)

Postcode: 06108

Country subdivision (NUTS): Halle (Saale), Kreisfreie Stadt (DEE02)

Country: Germany

Email: vergabestelle@cyberagentur.de

Telephone: 000

Internet address: <https://www.cyberagentur.de>

Roles of this organisation:

Buyer

Review organisation

8.1. ORG-0001

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: b7656d40-6211-484d-a21c-f24d74d2b9cf - 02

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 16

Notice dispatch date: 25/08/2026 13:09:29 (UTC+02:00) Eastern European Time, Central European Summer Time

Languages in which this notice is officially available: German, English

Notice publication number: 590557-2026

OJ S issue number: 165/2026

Publication date: 27/08/2026