

## Invitation to Tender for the IDS Certification Body Support

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**Submission deadline: Wednesday, 16<sup>th</sup> September 2021**

### Subject

Supporting the IDSA Head Office in acting as IDS Certification Body as external expert.

### Introduction

The purpose of the International Data Spaces e. V. (IDSA) is to develop the IT architecture for future dataspace that supports the exchange and processing of industrial data in a decentralized and open network. To this end, the IDSA promotes science, research, and standardization in this field.

Further information of the IDSA can be found on the website [www.internationaldataspaces.org](http://www.internationaldataspaces.org).

### Purpose of service

The *IDS Certification Body* is responsible for managing the certification process, defining the standardized evaluation procedures, and supervising the actions of the evaluation facilities. For now, it was decided that the *IDSA Head Office* will, at least short-term, act as the certification body.

The purpose of the service is to support the IDSA in

- the approval of evaluation facilities by **assessing their competence** for conducting concept evaluations of a **company's operational environment**.
- the approval of evaluation facilities **by assessing their competence** for conducting concept evaluations of an **IDS component**.
- The **supervision** of company's **operational environment** evaluations.
- The **supervision** of **component** evaluations.
- The **issuing of IDS certificates** based on the reports provided by IDS Evaluation Facilities.

### Scope of work

The services are provided in English. If translation is necessary, the contractor will take over any further necessary translation from German to English and vice-versa.

The offer should include a description of the following activities:

**Repeated Work Packages (RWP)** which are offered on demand whenever an evaluation facility must be audited, or a component/company certified.

- **RWP 1** Audit and assessment of an evaluation facility:
  - As part of the approval of evaluation facilities, the contractor will conduct audits for each evaluation facility in order to assess their competence for conducting the evaluations. Those audits will include
    - an assessment of the quality management system and the information security management system,
    - interviews and competence assessment of the evaluation facility staff
    - an assessment of the equipment utilized for conducting the evaluations (in particular for component evaluations), and
    - the review of a sample evaluation report. The audits will be repeated at least every



two years.

- **RWP 2** Supervision of component evaluations:
  - For each component evaluation the certification body will supervise the activities of the evaluation facility. The required effort depends on the test profile (TP).
    - TP1 Base Connector – Checklist Approach
    - TP2 Base Connector – Concept Review
    - TP3 Trust Connector – Concept Review
    - TP4 Trust Connector – High Assurance Evaluation
    - TP5 Trust+ Connector – Concept Review
    - TP6 Trust+ Connector – High Assurance Evaluation
    - MC Maintenance Certification
    - CC Change Certification
- **RWP 3** Supervision of company evaluations:
  - The contractor will supervise the evaluation of operational environments in the different security and assurance levels. In particular, he will review the evaluation reports and compare the evaluation procedures to the already existing specifications for ISO 27001 and BSI C5. Since the evaluation facilities will typically also be supervised by the national accreditation bodies for the ISO 27001 certification, there will be significantly less effort for this supervision. A supervision should take place at least once for a new Evaluation Facility, additionally also on demand, but not more often than twice a year. The experts would focus on reviewing the evaluation reports and the decision on the issuing of the respective certificate.
- **RWP 4** Issuing of IDS certificates based on the reports provided by IDS Evaluation Facilities
  - The contractor will review and assess the evaluation reports provided by the approved IDS Evaluation Facilities and based on this either start the process to issue or decline the IDS certificate.

## Monitoring of results

The results of the service offered by the contractor will be monitored with the help of the following indicators:

- Documentation of the evaluation **assessment** and a decision concerning the issuance of a certificate for the **operational environment** took place.
- Documentation of the evaluation **assessment** and a decision concerning the issuance of a certificate for the **components** took place.
- Documentation of the conducted **supervision** including a recommendation concerning the approval of the audited evaluation facility.

## Contract duration

The contract begins with the first approval, but at the earliest from the signing of the contract. The first approval will be announced with a lead time of at least 2 weeks.

The tendered service has an initial duration of 12 months and become effective on demand.

We expect 5 approvals of evaluation facilities and 10 audits in the first 6 months.

The contract will be prolonged for another 12 months if both parties agree to do so.

## Required profile

A service provider with experience in the IDS Certification Scheme and IDS Reference Architecture Model is sought for these services.



- At the time of the start of the service, the contractor is certainly familiar with the topics of the IDSA, so that direct support can be provided. This must be proven by appropriate references about certification and evaluation, in particular within IDS related activities.
- Independent working methods: At the beginning of the contract, the IDSA transmits the contact details of all involved colleagues and appoints permanent contact persons. The contractor independently accesses the respective colleagues and (potential) network partners.

### Framework conditions

When providing the services referred to in "Scope of work", the contractor must take into account the following conditions:

- The language of the contract is English. The elaborations and documents must be prepared primarily in English.
- The contractor guarantees the timely provision of necessary information and contact details.

### Contract award procedure

The submitted tenders will be evaluated on the basis of the procedure described below.

Evaluation of the offer:

The following evaluation criteria will be used to evaluate offers received in response to this Invitation to tender.

Price Evaluation 50%.

The offer shows an individual and a total price for each service referred to in "Scope of work". The conditions in "Framework conditions" are taken into account in the respective prices.

When evaluating the offer, the offer with the lowest total net price receives 50 points.

Offers that are twice as expensive or more than twice as expensive as the lowest offer will receive 0 points.

Practical Experiences with evaluation on the topics of IDS 50%.

This must be proven by appropriate references about certification and evaluation, in particular within IDS related activities.

The implementation concept outlines how the contractor would implement the contract in practice. The competences, which are queried in the call for tenders, are presented. The scope of the conceptual experiences should not exceed 20 A4 pages. The concept represents in a minimum: the approach to conception, rough schedule for assessments and supervisions, the implementation of the services, knowledge management.

A maximum of 50 points will be awarded when evaluating the implementation concepts. This maximum rating will be awarded to the offer, which sets out the most convincing, complete concept, takes into account the practical requirements of the contract and allows you to expect to ensure work at a very high level of quality. Consistency and problem orientation must convince.

The other concepts are measured by this and evaluated with correspondingly fewer points.

It is explicitly pointed out that the absence of the concept in any case leads to the exclusion of the participant in the further procurement procedure.

**Please send your offer to [supportoffice@internationaldataspaces.org](mailto:supportoffice@internationaldataspaces.org) not later than 16<sup>th</sup> September 2021 16:00 CEST.**