

REQUIREMENTS TO A SDMX PUBLICATION SYSTEM TO DANMARKS NATIONALBANK

REQUIREMENTS FOR A NEW PUBLICATION SYSTEM

Currently Danmarks Nationalbank has an old in-house developed system for publishing data. The old system does not support SDMX, which is the new file exchange standard between central banks. Therefore, Danmarks Nationalbank wants to replace the old system with a new commercially-based system. Danmarks Nationalbank wishes to acquire a license for an already-developed and working system from a supplier with references from organisations like Danmarks Nationalbank.

The new publishing system shall fulfil the following requirements.

- The system must support SDMX 2.0 and 2.1
- The system must support different environments, including test (create new DSD) and production (confidential and public data).
- The system shall be able to load data on demand (manually and scheduled) from internal SQL database or file system.
- The system shall provide error messages with descriptions.
- The system shall be able to load data from external sources, such as ECB's API, including authentication through the DMZ (either VPN or SSL).
- The system shall provide a security model that integrates to AD (inherit roles and access rights from AD groups)
- The system shall have a high performance for loading and publishing data
- The system shall be able to protect confidential data while making public data available.
- The system shall support embargo for publishing data.
- The system shall provide automatic publishing of data to file systems/API's.

- The system shall support manual data input of observations.
- The client-side of the system should work with Windows 7 and Windows 10.
- The system shall be able to run on HTTPS.
- The system shall offer high availability/reliability i.e. it should be easy and free to restore system to state before a disaster or fail have occurred.
- The system shall be able to provide system management reports on e.g. use, performance and other central metrics.
- The system shall be easy to deploy in the cloud

The supplier of the new publishing system must fulfil the following requirements.

- The supplier shall offer documentation and training for operations of the system.
- The supplier shall have an incident management process supporting reporting of errors in the system
- The supplier shall offer training/help to use the system within working hours CEST.

PROCEDURE TO REQUEST FOR PARTICIPATION

Any interested candidates must provide a list of the 3 most significant comparable supplies (SDMX publication system) that the candidate has carried out in the latest 3 years before the expiry of the deadline for application.

Each reference is requested to include a brief description of the deliveries made. The description of the delivery should include a clear description of the SDMX Publication system. The reference is furthermore requested to include the financial value of the delivery (amount), the date of delivery, and the name of the customer (recipient).

Based on the references, Danmarks Nationalbank will select one primary candidate with whom Danmarks Nationalbank will initiate negotiations. Danmarks Nationalbank can decide to invite two or more candidates into the negotiations.

The shortlisting of candidate(s) invited to tender will be based on an evaluation of which candidates have documented the most relevant deliveries of SDMX Publications systems covered by the contract.

The evaluation of the most relevant deliveries will be made on the basis of the extent to which the SDMX Publication System delivered to other similar organisations document experience with delivery of comparable supplies.