

Annex 9. Technical design, system configuration and DAMPS interfaces

Describe in up to 5000 words (excluding images) (A) the required system configuration(s) in a *provisional* technical design and (B) the usable interfaces of the solution offered which will allow your solution to be incorporated within the client's application landscape and infrastructure. You may also append original system documentation (in English or Dutch) for illustration purposes if required. The text in the annex will not be included in the maximum word count.

When the contract is awarded, you will create a *definitive* technical design.

Your description should contain at least the following elements:

(A) Description of the technical architecture

(A1) Technical architecture (logical), insofar it is already possible to describe the components, e.g. S3 and AD connections, monitoring and logging.

(A2) Technical architecture (physical). Please describe the architecture, underlying infrastructure and sizing of the system (on-premise), at project start, at project handover, including plans for future scaling during the life cycle. The specified physical architecture should be in accordance with the details that you specified in Annex 7 – Price Sheet.

(B) Description of interfaces

The DAMP system needs to be integrated within the existing application landscape. Describe the implementation options that you envisage with regard to:

(B.1). the ingest function. See Annex 2 – Context and architecture for the ingest flows that are applicable at KB.

(B.2) the registration function. Describe the options for integration with a library catalogue or integrated library system, which in your view best fit with the client's application landscape. See Annex 2 – Context and Architecture – Metadata Exchange

(B.3) the access function. Detail the options for exporting metadata from DAMPS and for enabling complete (full-text) indexing of the content stored in DAMPS in KB's search system (Solr), and to facilitate access to digital objects through the access function (KBGA) described. See Annex 2 – Context and architecture for the description of the access function.